M.O. FORM 2373

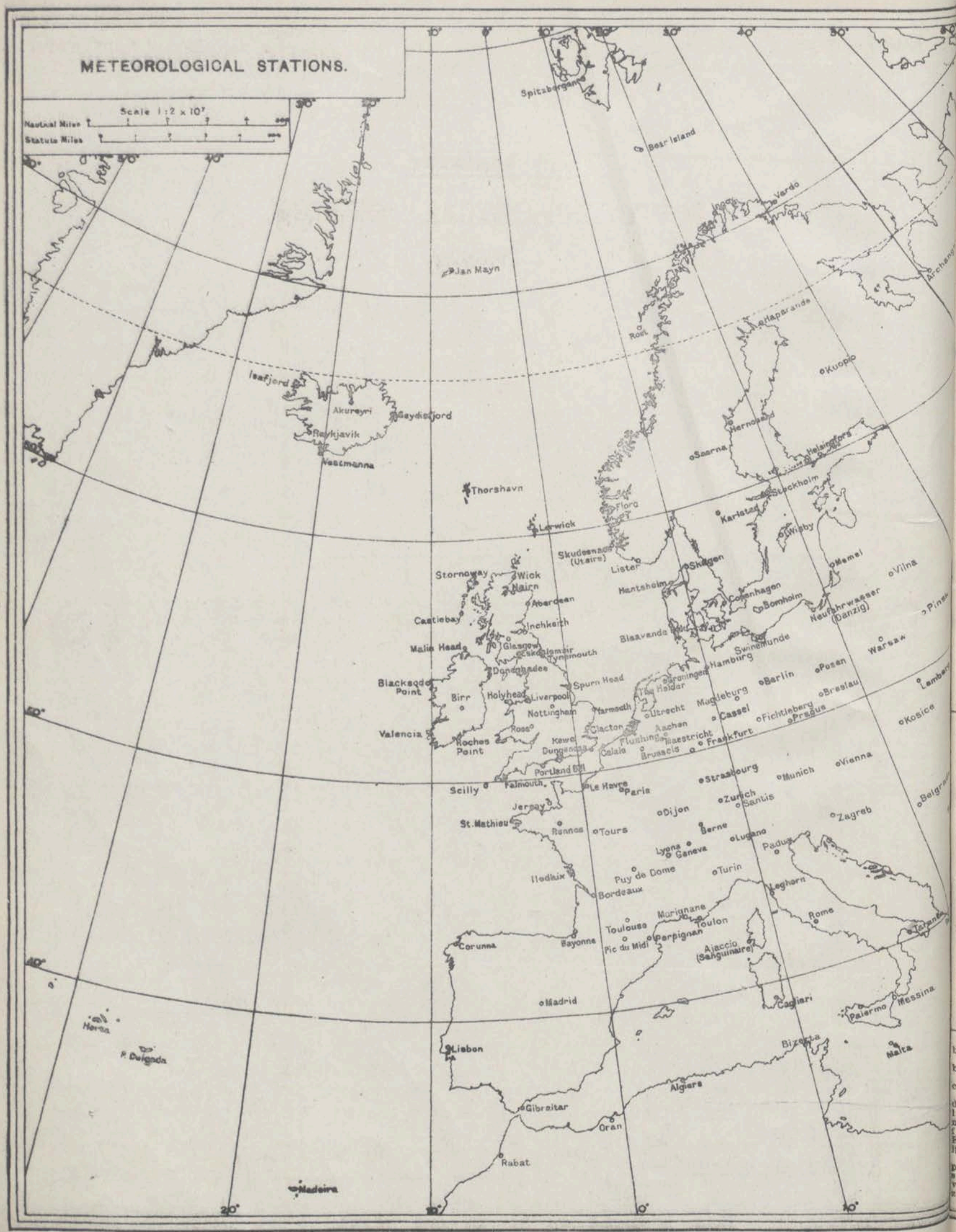
AIR MINISTRY.

METEOROLOGICAL OFFICE.

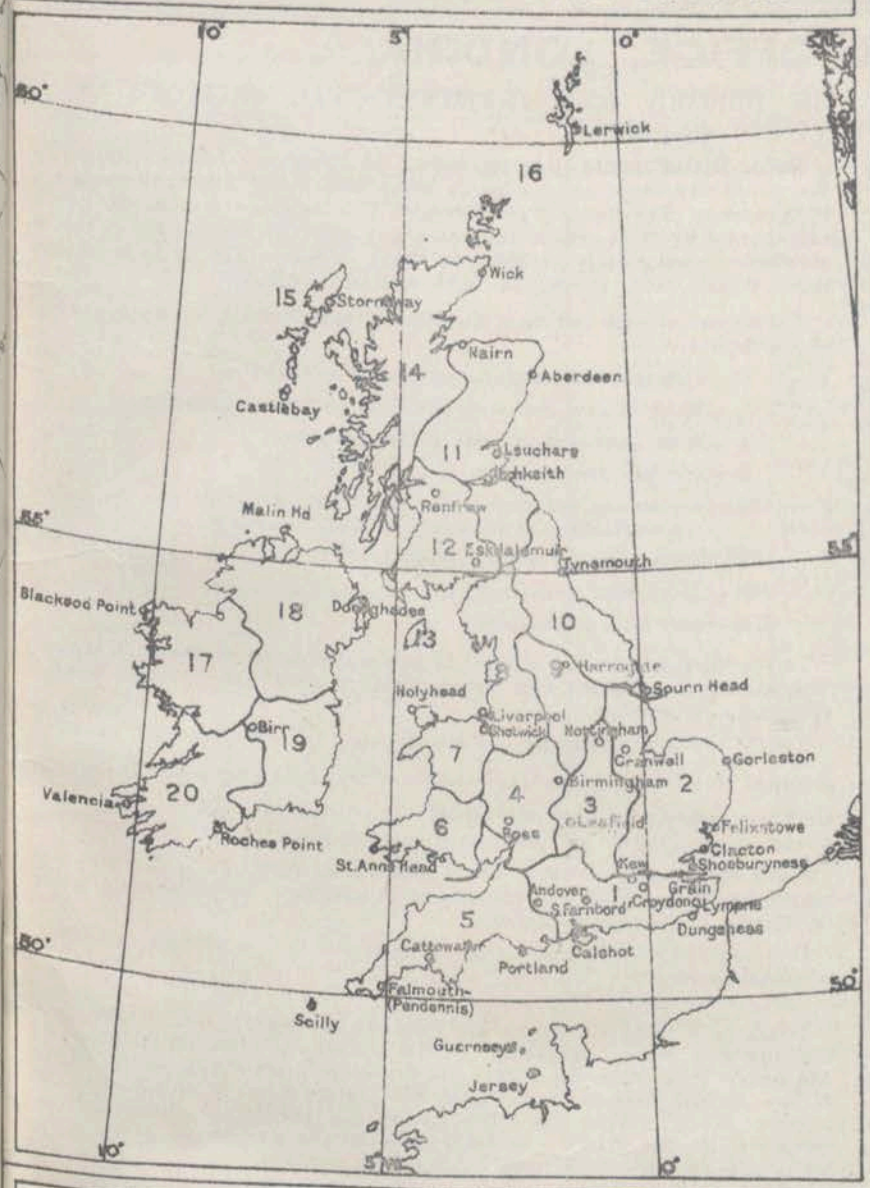
LONDON.

DAILY WEATHER REPORTS

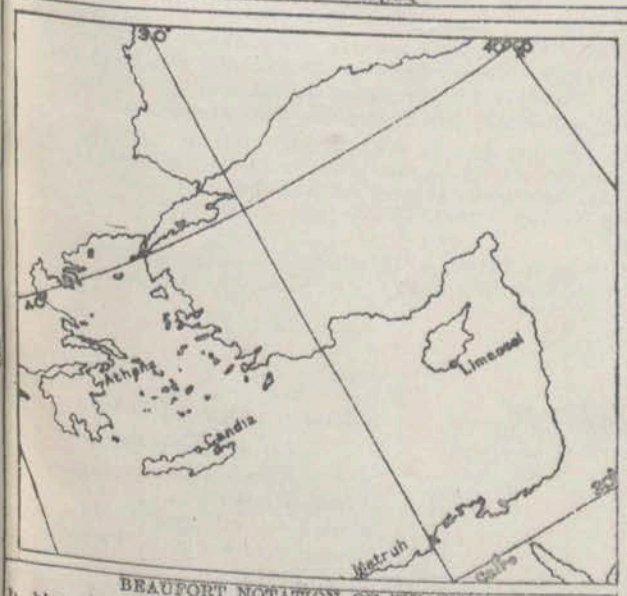
1ST. APRIL TO 30TH. JUNE, 1924.


METEOROLOGICAL STATIONS.
Scale 1:2 x 10⁷
Nautical Miles
Statute Miles
Spitzbergen
Bear Island
Vardo
Jan Mayn
Rost
Haparanda
Kuopio
Isafjord
Akureyri
Seydisfjord
Reykjavik
Vestmanna
Hernosand
Saarna
Helsingfors
Thorshavn
Stockholm
Karlstad
Lerwick
Flora
Wisby
Skudesnaes (Utsire)
Lister
Skagen
Memel
Vilna
Stornoway
Wick
Nairn
Aberdeen
Hantsholm
Copenhagen
Bornholm
Neufahrwasser (Danzig)
Castlebay
Inchkeith
Blaavands
Malin Head
Glasgow
Greenock
Clamair
Tynemouth
Donegal
Swinemunde
Warsaw
Hamburg
Groningen
Blacksod Point
Spurn Head
Texel Helder
Berlin
Posen
Birr
Holyhead
Liverpool
Magdeburg
Breslau
Nottingham
Yarmouth
Utrecht
Cassel
Fichtelberg
Valencia
Roche's Point
Rosslare
Kewe
Clacton
Flushing
Aachen
Maestricht
Frankfurt
Prague
Kosice
Dungeness
Calais
Brussels
Portland Bill
Scilly
Falmouth
Le Havre
Paris
Strasbourg
Munich
Vienna
Jersey
Dijon
Zurich
Santis
St. Mathieu
Rennes
Tours
Berne
Zagreb
Lugano
Lyons
Geneva
Padua
Ile d'Aix
Puy de Dome
Turin
Bordeaux
Leghorn
Marignane
Toulon
Rome
Toulouse
Corunna
Bayonne
Pic du Midi
Perpignan
Ajaccio (Sanguinaire)
Madrid
Cagliari
Palermo
Messina
Lisbon
Bizerta
Malta
Algiers
Gibraltar
Oran
Rabat
Madeira
Horta
Delgada

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 (three-quarters covered).
d drizzle, 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.
p precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. 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 intense, suffix o indicates slight and repetition of letters continuity, thus :—

R = heavy rain.
rr = continuous moderate rain.
r°r°= continuous light rain.

THE BEAUFORT SCALE OF WIND FORCE.

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

GALE WARNINGS.

The Meteorological Office issues warnings to ports and fishing stations of gales on or near the coasts of the British Isles. When one of these notices has been received at a station a black canvas cone is hoisted.

The *South Cone* (point downwards) is hoisted for gales from S.E., veering to S.W., W. or N.W.
" S.W., veering to W. or N.W.
" W., veering to N.W.
" E., veering to S. or S.W.

The *North Cone* (point upwards) is hoisted for gales from S.E., E. or N.E., backing to N.
" N.W., veering to N., N.E. or E.
" N., veering to N.E. or E.
" N.E., veering to E.

The Signals remain hoisted after the receipt of a warning telegram until danger of a gale is passed.

The Districts to which warnings are sent are shown in the British Section of the Daily Weather Report by the following symbols :—

▼ South Cone hoisted
▲ North " "

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE BRITISH AND INTERNATIONAL SECTIONS OF THE DAILY WEATHER REPORT.

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.

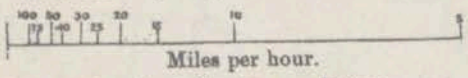
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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 (160 miles) 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, 283° A=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°.

Weather.—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

Fine—mainly b and bc of the Beaufort notation (*see* previous page).
Fair or fair generally—mainly bc and c.
Cloudy—combinations of bc, c and o, c predominating.
Overcast—mainly c and o.
Dull—overcast with low heavy cloud.
Varying or variable cloud—combinations of b, bc, c, and o.
Precipitation when occurring is specifically mentioned.

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.

Maximum and Minimum Temperatures entered in the British Section for Liverpool (Bidston) were from 1st March 1921 to 31st March 1924 for the 22 hour period commencing at 9 a.m. the previous day.

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 lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with pressure under the conditions indicated. The oblique line marked "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 10a per kilometre. A lapse rate greater than this value indicates instability of the atmosphere.

Times of Sunrise, Noon and Sunset.—In compiling the table of Greenwich times of sunrise and sunset for selected stations in the British Section of the Daily Weather Report the mean declination of the sun for noon of each day is taken. No account is taken of the variation in declination on any given day as between leap year and the three following years, the same figures being repeated from year to year without change.

Radio Disturbances (Atmospherics) at Croydon.—In the table under the above heading, information is given concerning atmospherics heard at Croydon. The term "atmospherics" is used to denote the clicks and crashes which are commonly heard in a wireless receiver, the intensity of which varies greatly at different times. Observations at Croydon are made 4 times daily at 1h., 7h., 13h. and 18h. G.M.T.

The second column indicates the type of sound heard, by the following abbreviations:—

C—Uniform clicks and normal quiet distribution.
C_1C_2—Clicks of two obviously different orders of intensity.
Cg—Clicks predominant but a few grinders.
G—Grinders predominant.
GG—Continuous grinders whose minimum direction can be found by estimation of intensity without counting.
Ck—Clicks with a few loud crashes.
CK—Clicks with numerous crashes.
KK—Very loud atmospherics.

In the third column the number of atmospherics per 4 seconds is shown. This number is obtained with the receiving coil set in a direction to give the maximum number.

Fourth Column. Strength. From January 1st, 1923, strength has been obtained from the formula $S = \frac{10}{r}$ where r is the resistance in ohms of the shunt necessary to reduce the number of atmospherics heard in the telephone to one quarter of those heard without shunt.

Fifth column. Direction. This indicates the direction from which the maximum intensity of atmospherics is proceeding. Directions are given in degrees (*see* diagram below).

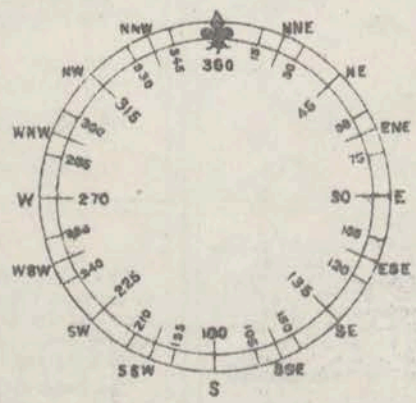
It is to be noted that there is an ambiguity of 180° in the determination of direction.

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 1,000 feet, 3,000 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.)



Note.—Ships' Reports.

SEA DISTURBANCE.

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 "
7. Heavy "
8. Long low "
9. Confused "
} and { Sea rough or above.

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

Fs. 2274/968. Wt. 135. D. 10192/nx 1081. 775. 8/24

AIR MINISTRY.

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 JUNE 1924.

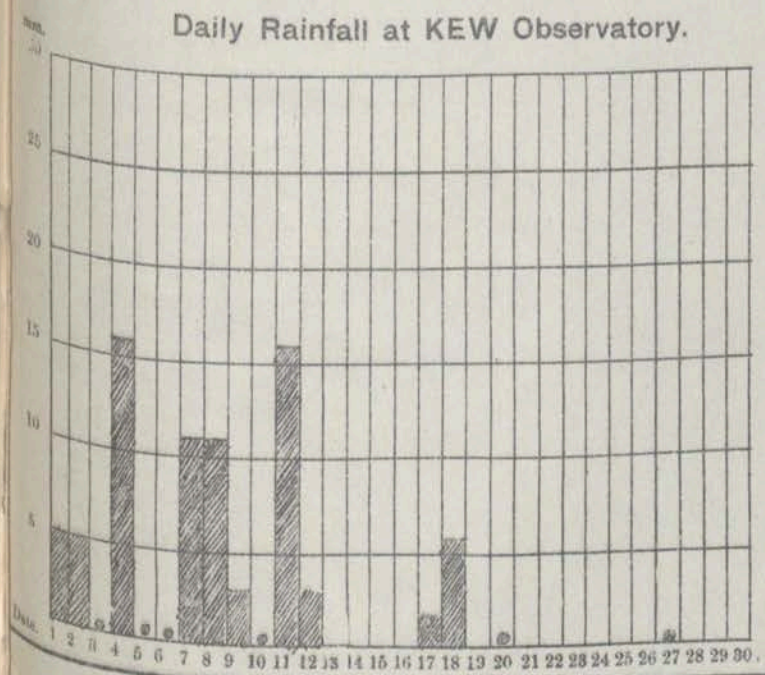
The last day of May was marked by very heavy rain in many parts of England and some further heavy falls were reported on the first day of June. Measurements for the 24 hour period ending on the evening of the 1st. amounted to over 100 mm. in several places. Under the influence of the anticyclone near Iceland fairer conditions prevailed in Scotland during the next few days but rather cool, unsettled weather continued in the South with occasional thunder. In the rear of a depression which moved across Ireland and England to France on the 4th, a temporary improvement was experienced in the southeastern counties while a fresh disturbance from the Atlantic caused a renewal of rain in the Northwest. Light southerly breezes prevailed in the East and temperature rose slightly above 70°F. in London on the 7th but during the night considerable rain fell and cyclonic conditions predominated again until near the middle of the month.

On the 13th, a northerly current spread down from Arctic regions with the result that temperature failed to rise above 56°F. throughout the day in many southern districts. As high pressure, however, shifted east towards the British Isles the next depression from the Atlantic passed further north near Iceland and anticyclonic conditions prevailed at the week-end. Temperature rose gradually and touched 78°F. in London on the 17th when a depression moving northwards from the Bay of Biscay caused thunderstorms in many parts and rather heavy rain in places. From the 19th onwards very little rain fell in the Southeast and the weather was for the most part fair and warm in these districts though under the influence of depressions in the North much cloud developed at times.

The total sunshine for the month at Valencia only amounted to 91 hours, the lowest June record there for over forty years

A remarkable disturbance of a tornado-like character was experienced in the centre of Belfast on the evening of the 24th. According to reports in the press, small trees were uprooted and damage done to roofs etc.

Daily Rainfall at KEW Observatory.



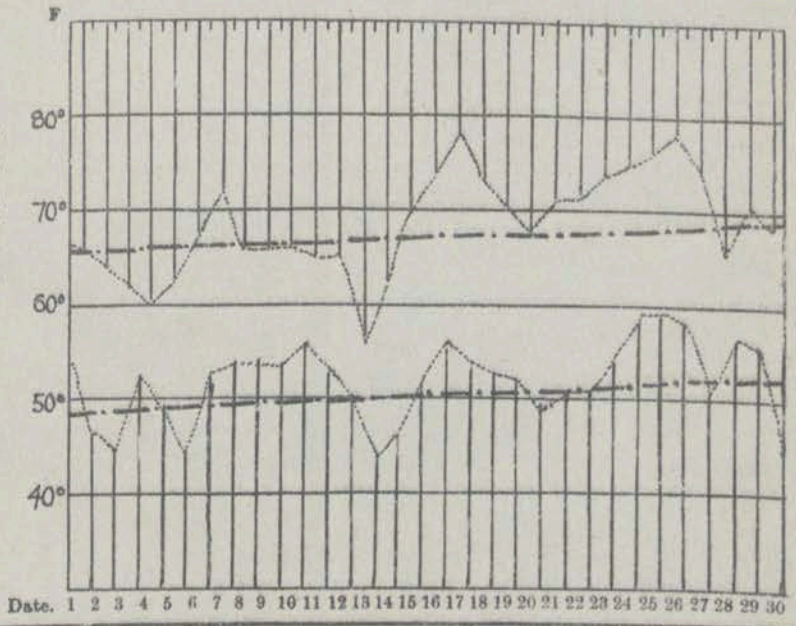
TEMPERATURE.

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 67 mm.

Daily Range of Temperature at KEW Observatory.

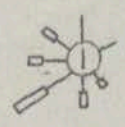


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1015·2	−0·6	52·5	−1·1
Valencia	1015·5	−1·2	55·5	−1·3
Kew	1016·7	0	60·4	+1·2

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

WIND FREQUENCIES AT 7h.

Aberdeen	Valencia	Kew
		

Forces 1–3 ——; forces 4–7 ═══; force 8 or above ▬▬▬. Scale: ⊢10mm.⊣ 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.

Pd.2224/950. We.140. D.1018/PK.1080. 860. 7/24.

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

Equivalents of Temperature.

A°.	F°.
263·6	15
268·0	23
268·6	24
273·0	32
273·6	33
278·0	41
278·6	42
283·0	50

TEMPERATURE. — Number of daily readings within fixed limits.

Station	† Maximum. 42 – 50	51 – 59	60 – 68	69 – 77	78 – 86	Normal Max.	† Minimum. 24 – 32	33 – 41	42 – 50	51 – 59	Normal Min.
						°F.					°F.
Stornoway ...	3	21	6	0	0	58.4	0	3	24	3	46.4
Aberdeen ...	2	12	16	0	0	60.2	0	5	20	5	47.0
Edinburgh ... (Inchkeith)	1	16	?13	0	0	*	0	1	18	11	*
Renfrew	0	10	20	0	0	*	1	4	16	9	*
Eskdalemuir ...	1	18	11	0	0	*	3	5	19	3	*
Dublin ... ... (Phœnix Park)						63.8					46.9
Birr Castle ...	0	6	22	2	0	64.9	0	0	13	17	48.4
Valencia ... ... (Cahirciveen)	0	20	10	0	0	62.3	0	0	7	23	51.1
Tynemouth ...	4	10	14	2	0	60.7	0	3	11	16	47.8
Holyhead ...	0	16	14	0	0	61.0	0	0	12	18	50.6
Liverpool ... (Bidston)	0	9	18	3	0	63.6	0	0	10	20	51.0
Cranwell	0	4	16	10	0		0	2	15	13	*
Gorleston ...	0	6	20	3	1	62.0	0	2	7	21	51.1
Ross-on-Wye ...	0	3	22	5	0	63.7	0	1	11	18	49.1
Leafield	0	1	23	6	0	*	0	3	17	10	*
London ... ... (Kew Obsy.)	0	1	15	12	2	67.6	0	0	7	23	50.8
Croydon	0	3	14	12	1	*	0	1	11	18	*
Shoeburyness ...	0	5	12	11	2	*	0	2	10	18	*
Lympne	0	7	19	4	0	*	0	2	16	12	*
Southampton ... (Calshot)	0	4	23	3	0	*	0	0	5	25	*
Falmouth ... (Pendennis)	0	8	22	0	0	*	0	0	3	27	*

TEMPERATURE. — Extremes—Warmest and Coldest.

Station	Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.
	°F.		°F.		°F.		°F.		
Stornoway ...	67	18	48	2	52	20	34	4	*
Aberdeen ...	67	26, 29	48	1	58	26	36	3	1
Edinburgh ... (Inchkeith)	67	12	50	1	58	26	40	2	1
Renfrew	66	7, 18	56	1, 6	58	26	32	4	4
Eskdalemuir ...	68	17	50	1	54	26	29	3	3
Dublin ... ... (Phœnix Park)									
Birr Castle ...	70	23	59	1, 8, 10, 19, 28, 29	57	25	45	7, 21, 28	0
Valencia ... ... (Cahirciveen)	63	3	56	12	56	24	45	21	0
Tynemouth ...	72	24	46	1	59	26	39	14	0
Holyhead ...	67	17	51	1	55	25	45	14	0
Liverpool ... (Bidston)	73	17	52	1	57	24, 25	43	14	0
Cranwell	77	26	53	1	55	24, 29	36	3	1
Gorleston ...	80	26	52	13	58	26	38	3	0
Ross-on-Wye ...	73	24	57	1, 3, 14	55	25	37	14	0
Leafield	72	25	56	13	54	25	34	14	1
London ... ... (Kew Obsy.)	78	17, 26	56	13	59	25, 26	44	14	0
Croydon	78	26	55	13	57	25	40	15	0
Shoeburyness ...	79	26	57	14	57	25	40	3	*
Lympne	72	17	52	14	56	25	39	15	0
Southampton ... (Calshot)	74	25	55	4	57	17, 25	42	14	0
Falmouth ... (Pendennis)	63	3, 14, 24, 26, 27	56	3	56	29	49	14, 15	*

LOW CLOUD. — Number of observations within fixed limits.

Station	7H. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	13H. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	18H. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.
Stornoway ...	20	9	0	16	13	0	14	16	0
Aberdeen ...	4	24	0	3	22	2	4	20	3
Edinburgh ... (Inchkeith)	*	*	*	*	*	*	*	*	*
Renfrew	3	20	3	2	28	0	2	26	1
Eskdalemuir ...	10	17	1	6	24	0	5	23	1
Dublin ... ... (Phœnix Park)	*	*	*	*	*	*	*	*	*
Birr Castle ...	9	21	0	1	28	1	1	29	0
Valencia ... ... (Cahirciveen)	14	15	1	10	19	1	9	21	0
Tynemouth ...	8	22	0	6	22	0	7	23	0
Holyhead ...	8	16	1	11	16	1	8	12	5
Liverpool ... (Bidston)	0	22	1	0	?29	1	0	24	0
Cranwell	4	14	2	1	27	0	2	22	0
Gorleston ...	0	11	7	0	11	14	0	11	9
Ross-on-Wye ...	3	20	1	0	28	0	0	24	2
Leafield	6	20	0	*	*	*	1	21	2
London ... ... (Kew Obsy.)	6	18	1	2	22	4	1	23	2
Croydon	7	16	2	4	24	1	1	19	4
Shoeburyness ...	0	14	4	1	19	0	1	19	1
Lympne	12	8	1	5	22	1	4	18	3
Southampton ... (Calshot)	6	11	4	2	25	1	3	20	2
Falmouth ... (Pendennis)	1	19	9	0	19	11	0	20	10

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	LEUCHARS. Mean.	No. of Reports.	S. FARNBOROUGH. Mean.	No. of Reports.	ANDOVER.	No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1850	52			53	20	57	1
850	4850	43			45	20	45	1
750	8170	33			36	20	37	1
650	11,890	22			27	8	22	1
550	16,110	7			10	4	3	1

UPPER WINDS.

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

STATION. Height. Feet.	RENFREW. 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.	CATTEWATER. 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.	LYMPNE. 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	42	14	23	5	-	-	50	15	28	7	-	-	65	18	41	6	-	-
5,000	14	3	9	2	-	-	17	1	15	1	-	-	41	13	25	2	1	-
10,000	-	-	-	-	-	-	4	-	2	2	-	-	10	2	5	3	-	-
15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

† Since March 1st, 1921, the readings used have (except in the case of Phœnix Park & Bidston) been the maximum for the period 7h.–18h., and the minimum for the period 18h.–7h. Bidston adopted the same practice on April 1st, 1924. The normal values given above are based upon extremes taken over the 24 hours

RAINFALL, HUMIDITY AND LOW CLOUD, ...JUNE....., 1924.

Station.	Equivalents of Temperature. A°.	F°.	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 ...	283·6	51	4	8	6	8	4	15.0	5	1068	-191	146	-32	7	10	9	3	1	0	18	25	1420	+154	85	+26	1	0
Aberdeen ...	288·0	59	3	8	7	5	7	11.7	2	1284	-103	151	-33	11	6	11	2	0	0	11	8	855	+107	45	+2	2	0
Edinburgh ... (Inchkeith)	288·6	60	3	8	2	4	13	15.1	16	1453	*	218	*	15	5	9	1	0	0	7	12.	573	*	35	*	0	0
Renfrew	293·0	68	5	10	4	8	3	12.0	4	1142	*	129	*	12	5	10	3	0	0	8	5	991	*	41	*	2	0
Eskdalemuir ...	293·6	69	5	7	4	4	10	11.3	13	1118	*	155	*	11	5	8	6	0	0	13	10	1688	*	77	*	2	0
Dublin ... ... (Phœnix Park)	298·0	77																									*
Birr Castle ...	298·6	78	4	12	7	5	2	12.3	21	1340	-3	105	-59	9	3	14	4	0	0	11	11 17	982	+153	75	+16	1	0
Valencia ... ... (Cahirciveen)	303·0	86	5	14	6	4	1	10.7	30	1279	-166	91	-97	8	5	9	6	1	1	33	17	1460	+46	127	+46	1	0
Tynemouth ...			*	*	*	*	*	*	*	*	*	*	*	17	4	5	3	0	1	27	1	708	+87	72	+22	1	0
Holyhead ...			2	10	5	8	5	13.1	20	1543	*	157	*	13	5	5	7	0	0	13	1	1049	+161	72	+17	0	0
Liverpool ... (Bidston)			2	7	11	4	6	12.2	22	1407	*	158	*	14	5	9	2	0	0	13	11	824	+115	53	-3	2	0
Cranwell			2	5	8	2	13	13.8	26	1582	*	198	*	15	5	9	0	1	0	17	1	589	*	48	*	3	0
Gorleston ...			0	8	6	5	11	14.5	23	1761	*	212	*	13	8	6	3	0	0	12	20	695	+73	49	+4	2	0
Ross-on-Wye ...			3	8	8	4	7	13.8	18	1552	*	166	*	18	2	5	5	0	0	11	21	782	+64	56	+1	4	0
Leafield			3	4	8	8	7	14.1	14	*	*	189	*	17	5	3	5	0	0	14	11	*	*	61	*	3	0
London ... ... (Kew Obsy.)			1	4	10	7	8	14.5	26	1603	+128	198	+1	19	1	5	3	2	0	16	11	712	+106	67	+12	3	0
Croydon			0	6	7	9	8	15.2	26	1714	*	211	*	16	7	2	4	1	0	16	4	756	*	54	*	2	0
Shoeburyness ...			1	8	1	11	9	14.4	19	1831	*	210	*	20	2	6	2	0	0	7	4	533	*	36	*	3	0
Lympne			1	7	3	11	8	14.4	19	1892	*	194	*	19	3	4	4	0	0	10	4	735	*	43	*	3	0
Southampton ... (Calshot)			1	4	7	7	11	14.5	14 21	1874	*	223	*	19	4	2	4	1	0	21	4	679	*	61	*	3	0
Falmouth ... Observatory			2	9	5	8	6	14.8	14	1770	+11	173	-48	18	2	5	5	0	0	13	10	1094	-13	55	-4	1	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 ...	1	0	5	5	11	4	4	0	0
Renfrew... ...	0	3	5	3	10	7	1	1	0
Eskdalemuir ...	1	3	9	4	13	0	0	0	0
Valencia... ...	0	2	7	17	4	0	0	0	0
Ross on Wye ...	0	0	3	2	6	11	4	4	0
London ... ... (Kew Obsy.)...	0	0	0	1	5	15	8	1	0
Falmouth ...	0	0	6	14	8	2	0	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 ...	14	14	2	0	0	0	0	0	0	0
Renfrew... ...	9	13	8	0	0	0	0	0	0	0
Eskdalemuir ...	7	14	9	0	0	0	0	0	0	0
Valencia ...	8	20	2	0	0	0	0	0	0	0
Ross on Wye ...	14	10	5	0	0	1	0	0	0	0
London ... ... (Kew Obsy.)	17	5	8	0	0	0	0	0	0	0
Falmouth ...	25	4	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).

NOTES ON CHART OF ISOPLETHS (p. 4).

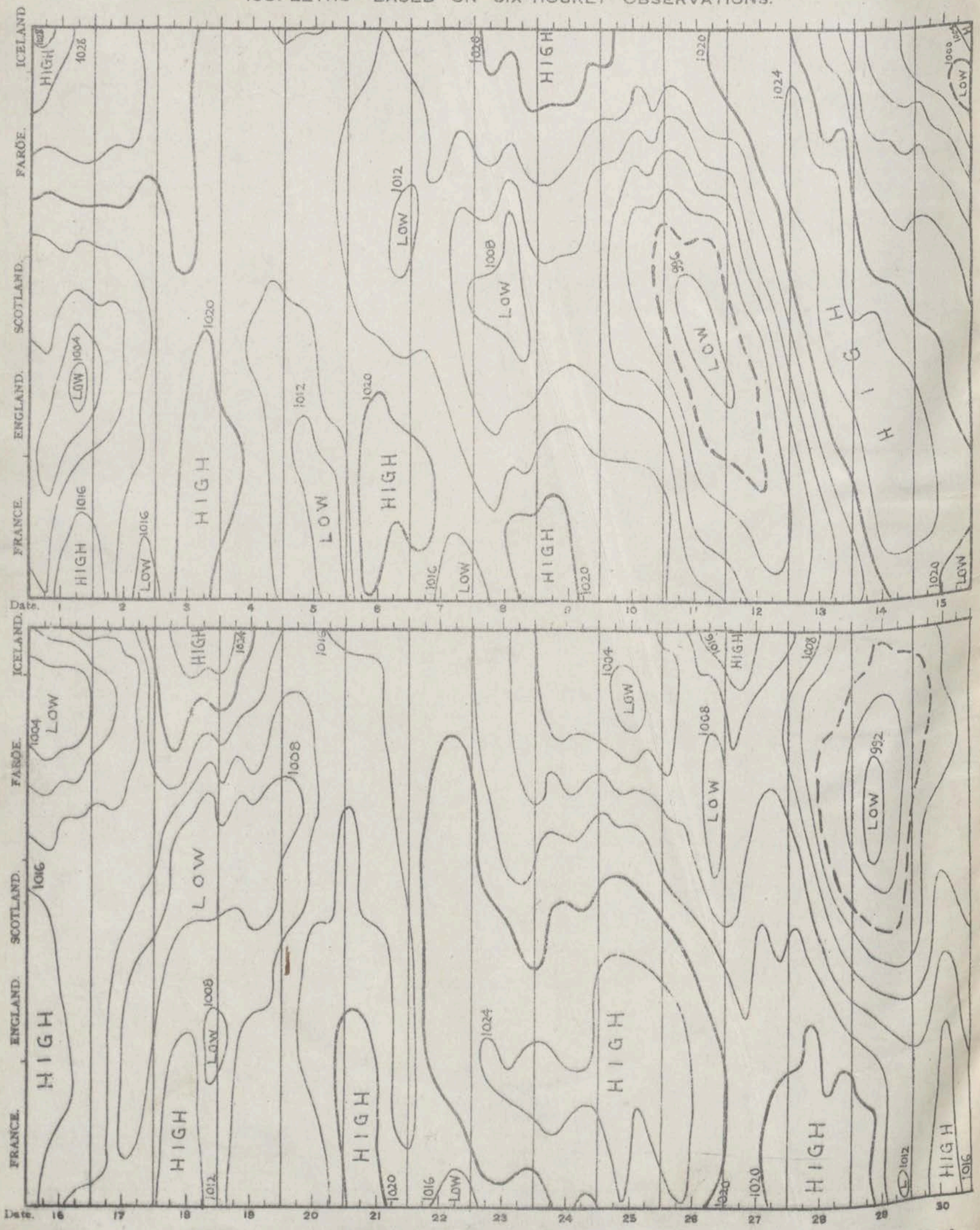
The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to show the variation of pressure from day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

* 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 JUNE 1924.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



* For explanation see page 3. ——— = 1,020 mb. — — — — = 1,000 mb. x—x—x—x = 980 mb. o—o—o = 960 mb.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22837 Sunday 1st June 1924. Page 1.

Observations at 1300 G.M.T. 31st — Observations at 1800 G.M.T. 31st

STATIONS. (For heights see p.4).	1300 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.	1800 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	1018.1	+2	ENE	1	o-	47	75	8	5700	StCu	4	CiSt	9	•	1018.7	+2	ENE	2	bc	48	75	8	4000	Cu	3	ACu	6	1
Stornoway	1014.7	+1	ENE	5	oPR	45	97	6	450	St	10	-	10	•	1015.2	+1	ENE	5	oPR	45	97	6	450	St	10	-	10	4
Wick	1016.6	+1	E	2	o	46	92	8	4000	StCu	4	ASt	10	•	1017.1	+1	ENE	2	o	45	92	8	1500	St	2	ASt	10	0
Castlebay	1013.2	+1	SSE	4	o/f	?	92	6	2500	St	9	-	9	•	1013.2	0	WNW	2	c	57	75	6	4000	StCu	5	ASt	7	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.2	•	E	3	c	50	92	7	1500	St	3	ASt	8	•
Aberdeen	1016.6	0	ENE	2	FFo	49	97	1	<150	St	10	-	10	1	1016.6	0	E	3	ffo	47	97	2	<150	St	10	-	10	0
Malin Head	1011.8	0	ENE	3	bc	51	92	6	2500	Cu	2	CiSt	6	•	1011.8	0	ENE	3	c	53	85	6	4000	StCu	4	CiSt	7	1
Renfrew	1014.5	0	NE	3	or₀	51	92	6	800	Nb	10	-	10	1	1014.0	-1	E	3	o	50	97	7	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1014.8	0	ENE	3	or₀	47	97	7	•	CuNb	6	ASt	10	•	1013.9	-1	E	3	fo	47	97	3	•	St	10	-	10	0
Leuchars	1015.4	0	NE	3	or	47	97	7	225	Nb	10	-	10	1	1014.9	-1	NE	2	or₀	48	97	6	<150	St	10	-	10	•
Eskdalemuir	1013.6	0	NE'N	3	ojp	53	92	8	1500	StCu	10	-	10	2	1012.8	-1	NNE	4	o	50	97	6	450	St	10	-	10	•
Tynemouth	1014.8	0	NNE	1	oR-	48	97	4	800	Nb	10	-	10	-	1013.0	-2	NE	1	oRR	49	97	4	800	Nb	10	-	10	0
Blacksod Point	1010.3	+1	N	2	opr₀	58	85	8	•	•	•	•	10	•	1010.6	0	N	2	o	59	85	9	•	•	•	•	9	0
Donaghadee	1012.9	0	NNW	2	o+	51	92	7	<150	St	10	-	10	•	1012.7	0	N	3	o-	51	92	7	1500	St	10	-	10	3
Birr Castle	1010.6	x	SSE	2	bc+	64	65	6	2500	Cu	4	Ci	6	•	1009.6	•	SE	1	c+	65	75	7	4000	StCu	6	CiCu	8	•
Holyhead	1010.8	-1	NW'W	1	c-	57	85	5	4000	Cu	3	CiCu	8	0	1009.6	-2	NW'W	1	o	54	92	5	4000	StCu	7	ASt	10	1
Liverpool (Bidston)	1010.6	-1	ESE	2	o/r	63	85	5	1500	Nb	10	-	10	•	1008.2	-2	E'N	3	ffo	62	85	2	2500	CuNb	10	-	10	3
Chester (Shotwick)	1010.3	-2	SSE	2	opr₀	63	92	5	1500	St	10	-	10	2	1008.4	-3	NNE	3	oεr₀	63	92	2	5700	StCu	10	-	10	•
Spurn Head	1012.8	-2	E'S	4	o	54	92	7	4000	StCu	10	-	10	☆	1011.2	-1	E	2	or-	51	97	6	4000	Nb	10	-	10	
Birmingham (Edgbaston)	1010.2	-2	SE	3	o	66	75	7	4000	Cu	7	ASt	9	•	1008.2	-3	E	3	oεr₀	63	85	6	4000	Nb	10	-	10	•
Cranwell	1012.3	0	SE	3	or₀	64	85	8	2500	StCu	8	ASt	10	0	1010.8	-1	E'N	2	or	58	97	6	800	Nb	10	-	10	•
Gorleston	1014.3	-2	-	0	or₀r₀	56	92	6	4000	Nb	5	CiSt	10	"	1010.5	-6	NE	5	or₀r₀	55	92	6	2500	Nb	10	-	10	1
Valencia (Cahirciveen)	1009.5	0	SSE	3	bc-	62	65	8	2500	Cu	3	ACu	6	0	1009.9	+1	SW	1	c+	63	65	8	2500	StCu	6	ACu	7	3
Roches Point	1011.9	0	S'E	3	c	56	85	6	1500	StCu	3	CiSt	7	•	1011.8	0	S	1	bc-	56	85	8	-	-	0	Ci	6	0
Pembroke (St. Ann's H.)	1011.4	0	WNW	2	c	57	92	7	450	StCu	8	-	8	•	1011.0	-1	W	3	FFo	51	97	1	<150	St	10	-	10	4
Ross-on-Wye	1009.5	-2	E'S	3	c-	68	75	7	4000	Cu	5	Ci	7	!	1007.5	-2	W	2	oεtr₀	63	92	6	4000	CuNb	10	-	10	•
Leafield	1009.7	-2	SE	2	o	67	75	6	1500	St	10	-	10	☆	1007.6	-3	E	4	oεtr	63	85	6	4000	CuNb	10	-	10	•
Andover	1009.5	-2	NE	1	o	69	85	7	2500	StCu	9	-	9	1	1008.0	-2	SSW	3	or₀	62	85	7	2500	St	8	ASt	10	☆
S. Farnborough	1009.5	-2	ESE	2	c-	68	75	7	800	Cu	8	ACu	9	2	1007.7	-2	SSE	2	or	64	85	7	1500	Nb	2	ASt	10	•
London (Kew Obsy.)	1010.5	-1	SE	2	o	68	75	6	4000	StCu	9	-	9	1	1007.8	-3	E	2	o	66	75	6	4000	StCu	10	-	10	•
Croydon	1010.3	-2	E	1	o	67	75	6	4000	StCu	6	ASt	10	1	1008.0	-3	E'S	2	o	63	85	6	5700	StCu	1	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.8	-2	NE	3	c	60	85	6	-	-	0	ASt	8	1
Shoeburyness	1011.3	-1	NE'E	3	or-	60	85	6	1500	Nb	5	ASt	10	•	1008.8	-3	-	0	o/r	59	85	6	7200	Cu	3	ASt	10	•
Felixstowe	1012.1	-3	NE'E	3	orr	60	92	6	2500	Nb	4	ASt	10	2	1008.9	-3	NE	3	o	58	85	6	-	-	0	ASt	9	1
Lympne	1010.6	-5	NE	3	o/r	63	75	6	2500	StCu	6	ASt	9	2	1008.0	-3	NE	2	o/22	64	85	6	2500	CuNb	7	ASt	9	•
Scilly (St. Mary's)	1011.2	0	SSE	1	c	58	85	7	4000	StCu	5	ACu	7	•	1011.5	0	SSE	1	o+	57	85	6	2500	StCu	9	-	9	1
Falmouth (Pendennis)	1011.1	0	WNW	2	o+	59	85	7	4000	StCu	9	-	9	•	1011.2	0	-	0	o	58	85	7	4000	StCu	9	-	9	0
Plymouth (Cattewater)	1010.4	0	SW	3	o	56	92	7	5000	StCu	4	ASt	10	1	1010.6	0	NW	3	or₀r₀	56	85	7	2500	Nb	10	-	10	1
Portland Bill	1009.5	-1	-	0	o+	57	85	7	4000	StCu	10	-	10	•	1008.1	-1	W	3	o	54	92	7	2500	Nb	10	-	10	3
Southampton (Calshot)	1009.8	-2	ESE	3	bc-	64	85	7	5700	StCu	2	Ci	6	0	1007.5	-3	W'S	2	or₀	59	85	7	5700	St	5	ASt	10	0
Dungeness	1010.5	-1	ESE	3	o/r	57	85	6	4000	Nb	4	CiSt	10	•	1007.4	-3	E	2	o/22	58	92	6	2500	CuNb	5	CiSt	10	3
Guernsey	1010.7	0	W	3	o	57	92	7	5700	StCu	5	ASt	10	•	1010.2	0	W'N	3	orr	53	97	6	800	St	10	-	10	3

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 1st.

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity Yesterday 15h. G.M.T. %	Humidity To-day 9h. G.M.T. %	Visibility 9h.
Kew	16	cmoro	obczoz	ozorrt	•	•	52	0.2	23	0.5	•	•	
Croydon {24 hours ended 0700	244	otlor.r	ocom	orRR	•	•	49	3	11	1.9	•	•	8
Greenwich (Royal Obsy.)	149	cotr	or₀o	orεRro	70	52	49	3	11	1.1	73	74	7
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•									•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	1.0	•	•	•
Camden Square	110	c	or,o	ocd	73	51	51	3	13	•	•	75	•
Kensington Palace	80	orc	bco	•	70	*	51	3	13	•	At 18h	76	•
Hampstead Observatory	450	•	•	•	67	51	☆	3	12	1.6	83	75	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 31st...

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 31st ......h......m. to 1st ......h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	KN	8	1	130°
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

1st & 2nd June 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.38	11.51	8.4
	3.37	11.51	8.5
Greenwich	3.51	11.58	8.5
	3.50	11.58	8.6
Wick	3.17	12.10	9.2
	3.16	12.10	9.4
Valencia	4.29	12.39	8.48
	4.28	12.39	8.50

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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; - = "decreasing"; + = "increasing."

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

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

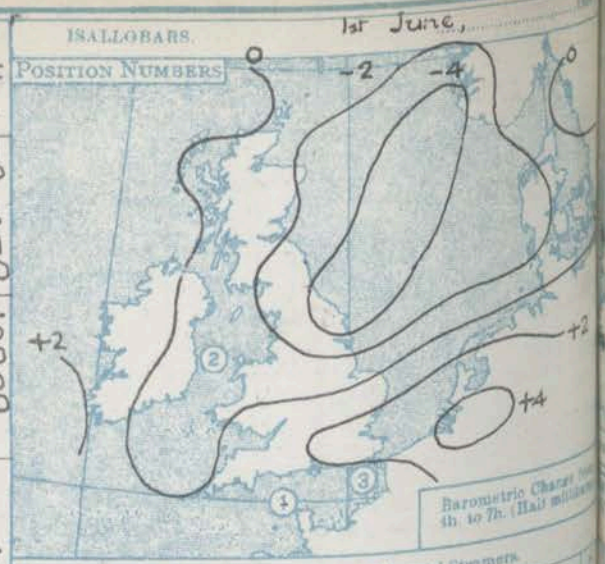
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 31st	13h.-18h. 31st	18h. 31st to 1h. 1st	1h.-7h. 1st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 31st Hours.
Lerwick	oo	o.c.bc	bc	bcc	49	42	•	–	–	–	–	2.1
Stornoway	p	p	c	oo	46	44	•	5	0.3	–	–	0.0
Wick	oo	oo	oo	oo	46	44	•	–	–	–	–	•
Castlebay	om	omcm	cmbco	oc	57	50	•	0.1	–	–	–	4.3
Nairn	c.bcm	bcmc	omg	dcm	55	44	•	–	0.2	–	0430	3.1
Aberdeen	d.mffc	ofcfc	ofmco	o	49	45	45	trace	–	<0800	–	0.0
Malin Head	bc.com	c.om	co3	ommdd	56	49	•	–	1	–	0230	5.2
Renfrew	od.	or.o	orr.	or.r.	52	46	44	trace	3	–	<2100	0.0
Edinburgh (Inchkeith)	iFrr	r.of	iFrr	r.r.	47	43	•	2	3	<0800	<2100	0.0
Leuchars	omr	ord.m	r.r.o	ooir.	48	44	43	2	1	0900	<2100	0.0
Eskdalemuir	orrir	oom	omom	or.r.	54	44	45	1	1	<0800	0130	0.0
Tynemouth	RRffm	RRm	RRm	RRm	49	46	46	40	36	<0800	<2100	•
Blacksod Point	c.o	pc	ccu	oo	62	50	•	0.5	–	–	–	•
Donaghadee	Ff.o	ffoR	or	orq	54	48	•	15	4	1430	<2100	•
Birr Castle	bc	c.o	copr	co	68	52	49	–	2	–	–	11.1
Holyhead	pr.if.	m	md.r.	orrm	57	50	50	0.1	21	0900	22.00	1.4
Liverpool (Bidston)	d.om	ofp.		orlrm	67	52	51	0.5	52	1100	<2100	0.1
Chester (Shotwick)	opr.m	omfr.r	oRRrrm	orrm	68	53	53	0.1	57	<0800	<2100	0.4
Harrogate				r	59	48	49	1	26	–	<2100	0.0
Spurn Head	c	oor	oorr	ogrr	54	47	•	2	11	1530	<2100	0.3
Birmingham (Edgbaston)	c.o	ofr.	ofrr	oRR	67	51	50	0.1	38	1630	<2100	0.1
Cranwell	om.o	oidir	or	rr	68	50	49	trace	14	1330	2200	0.1
Gorleston	op.rr	r.rR	cotlr	omcq	60	53	50	5	3	1100	<2100	1.2
Valencia (Cahirciveen)	c.bc	bc.c	c	coomf	65	50	45	–	–	–	–	6.6
Roches Point	o.c.	c.bc	bcw	bw	58	49	•	–	0.2	–	–	•
Pembroke (St. Ann's H.)	offc	offo	off	oop	59	49	•	–	Trace	–	0530	3.8
Ross-on-Wye	c.c	cop.o	tlRoRR	RRrr	70	52	51	2	35	1630	<2100	1.5
Leafield	c.op	c.oor	tlqrm	rcor	68	51	50	8	54	<0800	<2100	0.7
Andover	o.c.o	oor.	orrRR	orro	70	50	50	trace	15	1730	<2100	1.2
S. Farnborough	ootlro	obcotlopp	orrR	orobcq	73	50	50	1	13	1100	<2100	2.9
London (Kew Obsy.)	omoro	o.bcoo	orrf	orform	69	54	52	0.2	23	0900	0130	0.5
Croydon	ootr.r	o.c.om	orRR	oRRr.	69	51	49	3	11	0900	<2100	1.9
Clacton-on-Sea	ogtlr	oqrc	coqrrtl	odcbc	62	54	54	5	9	0900	<2100	1.3
Shoeburyness	c.orr	orro	ocRc	bob	65	53	50	5	7	1100	<2100	1.2
Felixstowe	opttr	oirR	tlRRc	oq.Roc	62	55	54	6	11	<0800	<2100	1.5
Lympne	otRr.	o.cbcoo	tlrrf	ofr	68	50	49	4	6	<0800	<2100	3.5
Scilly (St. Mary's)	of.c.	c	ob.	c	61	52	•	–	0.4	–	<2100	5.5
Falmouth (Pendennis)	bc.c.o	co	cb	cor	63	53	•	–	3	–	0330	5.0
Plymouth (Cattewater)	bssc	orrfor						2		1530		
Portland Bill	c	oo	p	c	61	50	•	–	3	–	<2100	•
Southampton (Calshot)	o.c.o.c	bc.oro	or.orrp	oo	64	52	49	trace	8	1730	<2100	1.9
Dungeness	or	ot	rrtlff	ddmqq	60	51	•	3	6	<0800	<2100	•
Guernsey	c.oid	r.d	r.ocbc	odd	62	51	•	3	2	1330	–	•

ISALLOBARS.

1st June,



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	31st 1010	"Scotia"	N	1	f	51	49
3	1st 0200	"Brighton"	WSW	5	bc+	53	51

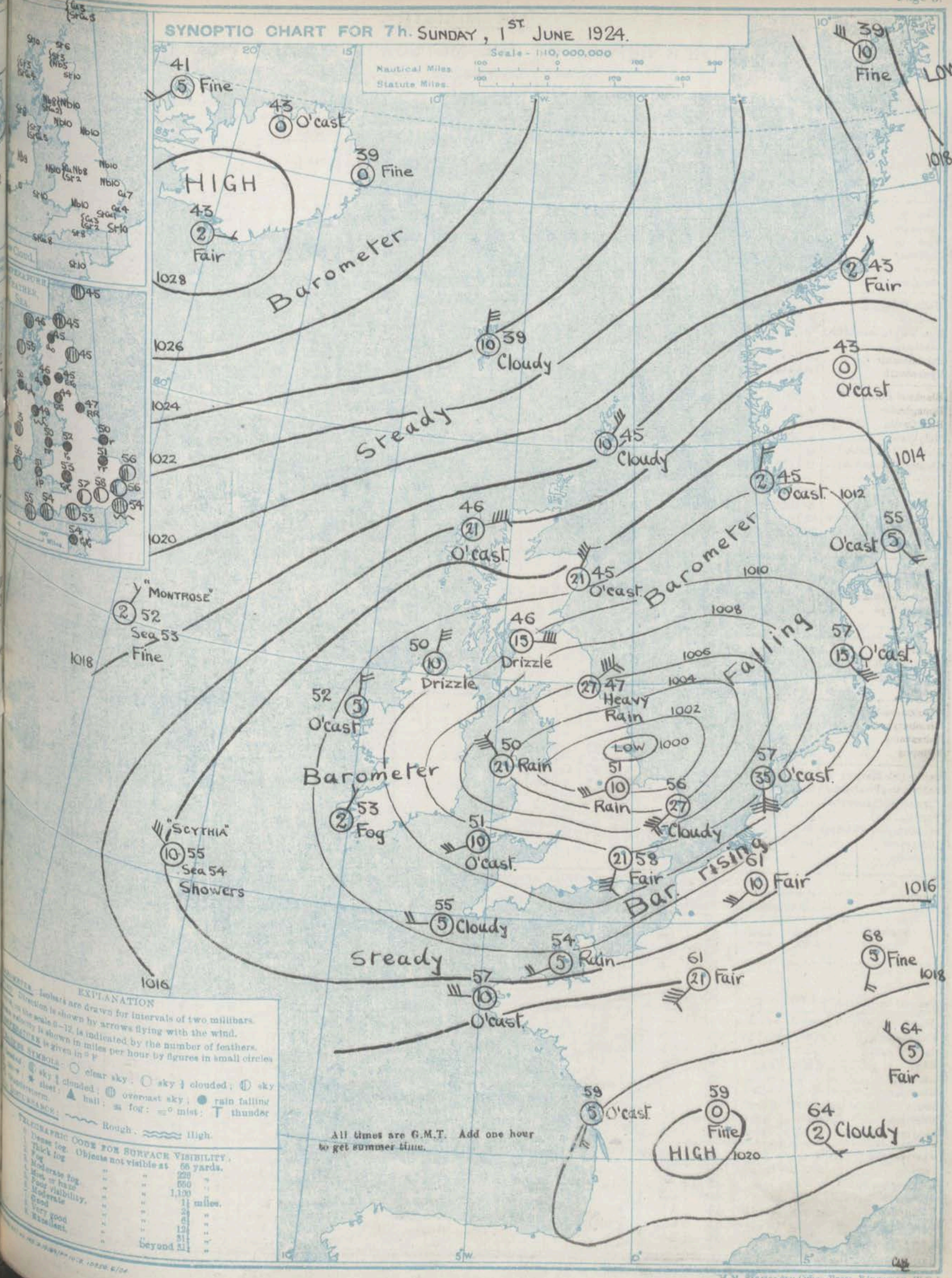
GENERAL INFERENCE.

A depression is centred over Eastern England and moving northeast. Winds will be mainly westerly in the South with some thundery rain or showers and fair periods, and temperatures lower than of late. In the North wind will be northeasterly or northerly with dull, rainy weather at first but fair periods later and a moderate or rather low temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 1st June, 1924.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind westerly, fresh, moderating; varying cloud, local showers or thundery rain, fair periods; visibility mainly cooler than of late.	None issued.
5. S.W. England 6. South Wales	Wind W. to N.W., light or moderate; some showers at first, fairer later; visibility moderate to good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind N.E. to N., fresh or strong, moderating; dull, rainy at first, fair periods later; visibility mainly good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate or fresh northerly winds; cloudy, some showers, fair periods; visibility good; moderate or rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or northerly winds, backing towards west later; mainly fair; visibility moderate; 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 opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday 1st June 1924. No. 153.

Observations at 0100 G.M.T. 1st June.

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	Upper Form.	Total Amt. 0-10
Lerwick	64	1019·7	0	NE	43	bc	45	75	8	5700	StCu	2	ASr	4
Stornoway	51	1016·4	+1	E	4	o	·	·	5	·	·	·	·	·
Wick	81	1017·1	-1	ENE	2	o	46	92	8	1500	Sr	3	ASr	10
Castlebay	37	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	46	·	·	·	·	·	·	·	·	·		·	·	·
Malin Head	51	1011·6	0	ENE	3	o	51	85	7	4000	StCu	7	CiSr	9
Renfrew	38	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	190	1011·7	-4	ENE	4	orof	47	97	6	·	Nb	10	-	10
Leuchars	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	118	10094	-3	NNE	2	oRR	48	97	4	800	Nb	10	-	10
Blacksod Point	10	1011·2	0	N	4	o	53	97	8	·	·	·	·	9
Donaghadee	35	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	175	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	26	1007·1	-3	N	1	oro+	52	97	6	800	Nb	10	-	10
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	25	10053	-7	NNE	4	orr	49	97	6	2500	Nb	10	-	10
Birmingham (Edgbaston)	522	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	237	10054	-8	ENE	3	orr	53	97	6	800	Nb	10	-	10
Gorleston	13	10056	-4	S	2	o	54	92	6	-	-	0	ASr	10
Valencia (Cahirciveen)	30	1011·4	+1	SW	1	bc-	53	97	8	-	-	0	ACu	4
Roches Point	32	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	149	10106	0	WSW	2	FFo	51	97	1	<150	Sr	10	-	10
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	556	·	·	·	·	·	·	·	·	·	·	·	·	·
Andover	295	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	57	·	·	·	·	·	·	·
Croydon	244	10067	-1	WSW	4	oRR	55	97	6	1500	Nb	10	-	10
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	10074	+1	SW	4	FFo	54	97	1	<150	Sr	10	-	10
Scilly (St. Mary's)	131	1011·4	0	WSW	2	c-	54	97	6	4000	StCu	7	-	7
Falmouth (Pendennis)	200	1011·0	0	WSW	2	o	54	97	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	19	1009·2	0	W	4	b	52	85	7	-	-	0	-	0
Southampton (Calshot)	12	10098	+3	WSW	5	o	54	97	8	2500	St	10	-	10
Dungeness	21	10070	-1	SW	6	oDD	53	97	5	2500	Nb	10	-	10
Guernsey														

Observations at 0700 G.M.T. 1st June.

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
Lerwick	1018·7	-2	NE	3	c	45	65	8	4000	StCu	8	-	8
Stornoway	1015·7	0	ENE	5	o	46	92	7	800	St	10	ASr	10
Wick	1016·0	0	NE	4	o	45	92	8	1500	St	6	-	10
Castlebay	1012·7	0	NNE	4	c	53	75	8	4000	StCu	7	-	7
Nairn	1015·3	·	E	3	cdo+	45	92	7	1500	CuNb	8	-	8
Aberdeen	1013·7	-3	NNE	5	o	45	85	8	1500	St	10	-	10
Malin Head	1011·1	0	N'E	3	odod₀	50	97	6	1500	St	8	ASr	10
Renfrew	1011·0	0	E	4	odo	46	85	8	2500	Nb	10	-	10
Edinburgh (Inchkeith)	10088	-1	NE	6	orof	45	92	7	·	Nb	10	-	10
Leuchars	1011·4	-2	NNE	4	o/r	46	85	7	1500	St	9	ASr	10
Eskdalemuir	10075	-2	N'E	6	orof	44	97	6	800	Nb	10	-	10
Tynemouth	10057	-4	NE	6	ORR	47	92	6	800	Nb	10	-	10
Blacksod Point	10119	+1	N	2	o	52	92	7	·	·	·	·	10
Donaghadee	10096	0	NE	5	or	49	92	7	450	St	10	-	10
Birr Castle	10093	·	SE	1	o+	53	97	6	2500	Nb	9	-	9
Holyhead	10054	-1	NWN	5	orr	50	97	5	450	Nb	10	-	10
Liverpool (Bidston)	1003·1	-1	NE	2	or	52	97	5	1500	CuNb	10	-	10
Chester (Shotwick)	10031	-1	WNW	2	orr	53	97	4	1500	St	10	-	10
Harrogate	10013	-8	NNW	4	ORR	49	97	5	2500	Nb	10	-	10
Spurn Head	10000	-5	SW	1	or	50	97	7	4000	Nb	10	-	10
Birmingham (Edgbaston)	10039	0	SW	5	ORR	51	97	6	800	Nb	10	-	10
Cranwell	10015	-2	W'S	3	orr	51	97	6	800	Nb	10	-	10
Gorleston	10041	0	SW	6	c-	56	85	6	4000	Cu	7	-	7
Valencia (Cahirciveen)	10118	+2	NNE	1	fc-	53	97	3	225	St	8	Ci	8
Roches Point	10117	0	NW'W	2	bc	56	85	7	-	-	0	-	6
Pembroke (St. Ann's H.)	10093	0	WSW	3	ojp	51	97	7	1500	St	10	-	10
Ross-on-Wye	10066	0	SW	4	orof	53	92	7	2500	Nb	10	-	10
Leafield	10062	+3	W	6	o/r	57	92	6	1500	CuNb	10	-	10
Andover	10093	+2	SW	5	o	54	92	7	1500	St	8	ASr	10
S. Farnborough	10092	+3	SW	5	bc+	57	75	7	1500	Cu	5	-	5
London (Kew Obsy.)	1008·7	+2	SSW	5	bc/r	58	75	6	1500	StCu	1	Ci	4
Croydon	10090	+2	SW	4	bc/r	56	85	7	450	St	4	Ci	5
Clacton-on-Sea	10078	+3	SW	6	bc-	56	85	7	2500	Cu	4	Ci	4
Shoeburyness	10090	+5	SW	7	b-	57	75	7	-	-	0	-	1
Felixstowe	10078	+4	SW	5	b-	57	75	7	1500	Cu	3	-	3
Lympne	10107	+2	SW	5	o/r	53	92	6	800	St	10	-	10
Scilly (St. Mary's)	10114	0	W'S	2	c	55	97	6	4000	StCu	8	-	8
Falmouth (Pendennis)	10110	0	W	2	c/r	54	97	7	4000	StCu	8	-	8
Plymouth (Cattewater)													
Portland Bill	10096	+1	WSW	4	c+	53	92	6	1500	St	8	-	8
Southampton (Calshot)	10103	+1	SW'W	6	o	55	92	6	1500	St	10	-	10
Dungeness	10109	+2	SW	6	o	54	92	7	1500	St	10	-	10
Guernsey	1013·1	+1	WSW	2	orof₀	54	97	3	450	St	10		10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st May.

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. Night. 30th-31st °F	TEMPERATURE. Max. Day. 31st °F.	RAINFALL.† Night 17h.-9h. 30th-31st mm.	RAINFALL.† Day 9h.-17h. 31st mm.	SUNSHINE. Sunrise to 17h. 31st	SUNSHINE. Sunrise to Sunset. 30th hr.
Berwick-on-Tweed	prRr	rqrqr	46	49	3	9	0·0	0·3
Douglas (IoM)	omir	irc.bo	51	61	3	0·5	0·7	0·4
Llandudno	mo	morZr	54	63	2	4	0·0	3·8
Colwyn Bay	pc	oZr	56	62	6	3	0·0	5·4
Rhyl	r.o.c	oc	56	70	9	0·1	0·2	4·3
Southport	r.o	oc.o	55	66	8	0·3	0·2	3·3
Blackpool	r.o	c.o	55	64	8	0·1	0·1	2·8
Ilkley	omro	r.omr	50	66	4	6	0·0	1·6
Harrogate	o	or	48	59	2	1	0·0	2·5
Skegness	c.oro	orpo	53	60	2	4	1·5	6·1
Aberystwyth	o.c.	bc	55	62	1	-	1·0	4·2
Bath	o.c.bc	bc.oZr	57	72	4	0·3	1·6	4·1
Leamington Spa	o.c.bo	ou	58	69	8	-	0·4	4·8
Lowestoft	oir	oir	54	58	-	3	1·0	4·2
Felixstowe	c.omr	omro	56	61	3	5	1·2	9·9
Harwich & Dovercourt	opr.o	procm	56	62	3	5	1·5	10·5
Southend	c.orr	rrbco	58	66	2	4	2·0	9·1

STATIONS.	WEATHER. Fore-noon.	WEATHER. After-noon.	TEMPERATURE. Min. Night. 30th-31st °F	TEMPERATURE. Max. Day. 31st °F.	RAINFALL.† Night 17h.-9h. 30th-31st mm.	RAINFALL.† Day 9h.-17h. 31st mm.	SUNSHINE. Sunrise to 17h. 31st
Ilfracombe	c.o.	orm	54	60	1	0·4	0·7
Bude	c	cr	52	59	0·3	0·5	1·5
Paignton	c.bcc	or	54	61	1	-	1·3
Torquay	c	r	53	63	1	2	0·6
Jersey	bc	r	56	66	3	3	1·0
Weymouth	c.	odo	54	69	11	0·2	2·2
Bournemouth	c.b	b.oo	54	69	12	-	3·5
Portsmouth (S'thsea)	o.c.	bc or₀	57	65	6	0·2	1·4
Littlehampton	o.c	o.cp	57	68	6	2	2·5
Worthing	oR	bc.o	58	70	3	2	2·1
Brighton	o	o	55	70	-	0·4	2·5
Eastbourne	r.oir₀	c.bc.oZ	56	63	7	0·2	1·6
Hastings	ZIRor	o.bc.Zo	56	66	14	1	2·3
Folkestone	ZZro	ddbcc	53	65	3	1	3·5
Dover	orr₀	o.c.bcc	55	69	2	3	3·0
Tunbridge Wells	oZZr	c.o	55	69	2	1	1·6
Ramsgate	odd	bcom	55	62	1	1	2·7
Margate	op	op.bc.o	54	60	4	-	2·8
Deal	Zopop	c.bc.co	53	65	1		2·8

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22838. Monday 2nd June 1924. Page 1

Observations at 1300 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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1016.0	-3	NE	4	c-	46	75	8	4000	StCu	7	-	7	•
Stornoway	1016.6	0	ENE	5	b-	48	85	7	2500	Cu	2	-	2	•
Wick	1014.8	-1	NNE	5	c-	46	85	8	4000	Cu	5	CiSt	8	•
Castlebay	1013.9	+1	NE	5	o	52	75	8	4000	StCu	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1012.0	-2	NNE	6	o	47	75	8	1500	St	8	ASt	10	1
Malin Head	1012.5	+1	NNE	1	o/r	49	92	7	4000	StCu	9	-	9	•
Renfrew	1011.1	+1	NE	3	o-	55	75	9	2500	StCu	8	ASt	9	2
Edinburgh (Inchkeith)	1009.8	+2	NE	5	o-	48	75	8	•	Cu	7	ACu	9	•
Leuchars	1010.5	-1	NNE	5	o	51	65	8	2500	StCu	7	ASt	10	1
Eskdalemuir	1009.6	+2	N'E	6	o/r	43	85	7	1500	St	4	ASt	10	2
Tynemouth	1006.5	+1	NNE	6	oRR	45	92	6	800	Nb	10	-	10	•
Blacksod Point	1014.0	+2	N	1	o	53	85	8	•	•	•	•	10	•
Donaghadee	1012.5	+3	N	3	c-	50	85	8	800	St	7	-	7	•
Birr Castle	1011.1	•	NW	2	o+	56	85	6	2500	Nb	10	-	10	•
Holyhead	1010.0	+5	NNE	5	orr	49	97	6	450	Nb	10	-	10	2
Liverpool (Bidston)	1006.5	+5	NNW	2	or-	51	85	7	1500	CuNb	10	-	10	•
Chester (Shotwick)	1008.0	+6	NW'W	3	orr	52	92	6	1500	St	10	-	10	2
Harrogate	1006.4	+4	NNW	4	orr	45	92	5	5700	Nb	10	-	10	•
Spurn Head	1003.3	+5	WNW	5	orr	49	97	6	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	1008.0	+5	WSW	4	orr	53	97	6	1500	Nb	10	-	10	•
Cranwell	1005.7	+6	W'N	4	orr	50	97	6	800	Nb	10	-	10	2
Gorleston	1006.4	+2	SW	6	o	62	65	6	4000	Cu	9	-	9	•
Valencia (Cahirciveen)	1014.5	+3	NW'N	4	c	56	85	6	1500	StCu	7	-	7	0
Roches Point	1012.4	+1	NW	2	c+	63	75	8	4000	CuNb	8	-	8	•
Pembroke (St. Ann's H.)	1011.0	+3	WSW	3	orr	52	97	6	1500	Nb	10	-	10	•
Ross-on-Wye	1009.0	+3	WSW	3	orr	56	85	8	2500	Nb	10	-	10	2
Lichfield														
Andover	1009.9	+1	SW'S	5	qjp	63	75	8	2500	Cu	7	CiCu	9	1
S. Farnborough	1009.6	+1	SW	5	c-	65	65	8	2500	Cu	6	Ci	8	2
London (Kew Obsy.)	1009.2	+1	SW'S	5	c+	64	65	7	1500	Cu	6	CiCu	8	2
Croydon	1009.7	0	SW'W	5	o	63	75	8	1500	Cu	7	CiCu	8	2
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1009.7	+1	SW	5	bc-	64	65	8	4000	Cu	5	-	5	•
Felixstowe	1009.4	+1	SW'S	6	bc/r	63	65	8	4000	Cu	5	-	5	2
Lympne	1011.8	+1	SW	6	o-	58	75	7	800	St	9	-	9	1
Scilly (St. Mary's)	1013.8	+3	W'S	2	c⊕	60	85	7	4000	StCu	4	CiSt	8	•
Falmouth (Pendennis)	1012.9	+1	W	4	c	60	75	9	4000	CuNb	8	-	8	•
Plymouth (Cattewater)	1012.4	+2	SW	5	orr	56	85	7	1500	CuNb	8	ASt	9	2
Portland Bill	1011.0	+1	WSW	6	b-	54	92	6	-	-	•	Ci	3	•
Southampton (Calshot)	1011.9	+2	SW	6	o	57	85	7	450	St	9	-	9	2
Dungeness	1012.1	+2	SW	6	bc-	58	85	7	4000	Cu	2	CiSt	4	•
Guernsey	1014.2	+2	W'S	4	bc	58	85	8	1500	Cu	2	CiSt	4	•

Observations at 1800 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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1013.8	-2	NNE	5	bc	44	75	8	5700	StCu	3	Ci	5	4
Stornoway	1017.6	+1	ENE	6	cpro	44	92	7	800	Nb	8	-	8	5
Wick	1013.4	-1	NNE	4	opro	44	97	8	1500	CuNb	8	CiSt	10	3
Castlebay	1015.6	+2	NE	5	o	47	75	8	2500	St	10	-	10	4
Nairn	1015.3	•	NE	3	c	46	75	8	1500	St	7	-	7	•
Aberdeen	1011.7	+1	N	5	bc	47	65	8	1500	Cu	3	CiSt	4	4
Malin Head	1013.7	+1	NNW	2	c	51	85	8	5700	StCu	6	ACu	8	1
Renfrew	1012.4	+2	-	0	o	52	85	8	5700	St	10	-	10	•
Edinburgh (Inchkeith)	1011.7	+2	NNE	4	c+	49	75	8	•	StCu	7	ACu	8	
Leuchars	1012.2	+3	NNE	4	b-	49	55	8	4000	StCu	2	Ci	3	
Eskdalemuir	1011.8	+3	N	4	c-	50	65	7	4000	StCu	3	ACu	7	
Tynemouth	1010.7	+4	NNE	3	o/r	46	85	6	800	Nb	10	-	10	•
Blacksod Point	1014.8	+1	NNW	2	o	53	85	8	•	•	•	•	10	1
Donaghadee	1013.4	0	WNW	1	o+	52	85	8	-	-	0	ASt	10	3
Birr Castle	1013.0	•	NW	1	o-	55	92	3	2500	Nb	9	-	9	•
Holyhead	1013.1	+3	NE'E	2	o-	50	85	8	4000	StCu	4	ACu	9	2
Liverpool (Bidston)	1012.1	+4	N	2	o/r	51	85	8	2500	CuNb	5	ACu	9	3
Chester (Shotwick)	1011.7	+5	NW	4	o	52	85	7	2500	St	10	-	10	•
Harrogate	1011.5	+8	NW	3	o/r	44	92	7	5700	Nb	10	-	10	•
Spurn Head	1009.3	+6	NW'W	7	orr	47	97	6	2500	Nb	10	-	10	
Birmingham (Edgbaston)	1011.7	+4	NNW	3	oror	51	92	5	1500	Nb	10	-	10	•
Cranwell	1011.2	+5	NW	3	orr	47	97	6	800	Nb	10	-	10	•
Gorleston	1009.5	+3	W'N	4	o	53	85	7	4000	Nb	10	-	10	1
Valencia (Cahirciveen)	1016.3	+3	NNW	1	odd	55	85	6	1500	StCu	9	-	9	4
Roches Point	1014.2	+1	NW	2	c	62	65	8	2500	StCu	7	-	7	0
Pembroke (St. Ann's H.)	1013.3	+3	N	3	oror	50	92	8	1500	Nb	10	-	10	4
Ross-on-Wye	1011.3	+3	WNW	2	or-	53	92	8	2500	Nb	10	-	10	•
Lichfield	1011.3	+3	W	3	odd	52	92	6	1500	CuNb	10	-	10	•
Andover	1012.0	+2	W	4	o	57	85	8	2500	StCu	5	ASt	10	•
S. Farnborough	1011.7	+2	W'N	3	o	57	85	8	2500	CuNb	2	ASt	9	•
London (Kew Obsy.)	1011.7	+2	W'S	3	c	59	65	8	1500	Cu	3	CiSt	8	•
Croydon	1011.3	+2	WSW	3	o/r	57	85	8	2500	CuNb	6	Ci	9	•
Clacton-on-Sea	1010.1	+2	SW	4	cpro	58	85	7	4000	CuNb	8	-	8	3
Shoeburyness	1011.0	+3	SW	4	c/r	58	85	7	2500	CuNb	6	CiCu	8	•
Felixstowe	1010.5	+2	W'S	3	ojp	57	75	8	2500	Nb	9	-	9	6
Lympne	1011.9	+1	SW	5	b	58	75	8	1500	Cu	3	-	3	•
Scilly (St. Mary's)	1014.5	+1	W	2	bc+	59	85	8	4000	Cu	1	CiCu	4	2
Falmouth (Pendennis)	1014.2	+2	WNW	3	c	59	75	8	4000	CuNb	7	-	7	0
Plymouth (Cattewater)	1013.5	+2	SSW	4	o/r	58	75	8	2500	Nb	7	ASt	10	1
Portland Bill	1011.4	0	WSW	5	c+	53	92	6	4000	StCu	7	-	7	4
Southampton (Calshot)	1012.6	+1	SW'W	4	cjp	57	92	8	1500	Nb	2	Ci	8	0
Dungeness	1012.3	0	WSW	5	b	55	92	7	4000	St	2	-	2	0
Guernsey	1014.5	-1	W	3	b	57	85	8	1500	Cu	2	Ci	3	1

LONDON OBSERVATIONS.

24 Hours ended 0900 G.M.T. 2nd (Weather, Temperature, Rainfall); Sunshine and Humidity 15h.: Yesterday; Humidity 9h. and Visibility 9h.: To-day.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h.
Kew	18	bcqcq	cqorroc	ororr	•	•	47	2	3	8.0	•	•	5
Croydon (24 hours ended 0700)	244	circqbc	oRRpr	ocrr	•	•	46	4	3	8.5	•	•	6
Greenwich (Royal Obsy.)	149	coc	coro	cororo	67	46	45	2	4	7.2	68	79	5
City (Bunhill Row)	80	•	•	•	•	•	•	•		7.6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	69	48	47	?		7.3	90	74	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	6.8	•	•	•
Camden Square	110	c	corc	•	65	47	45	0.5	2	•	•	75	•
Kensington Palace	80	bcor	cor	•	66	*	46	2	2	•	(At 18h 71)	80	•
Hampstead Observatory	450	•	•	•	63	44	43	1	3	7.3		78	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. ....

South Kensington			
Max.	Time.	Min.	Time.

Kew Observatory			
Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 21 h. 30 m. to 2nd 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	5.45	0.0	-
δ Ursae Minoris	5.45	0.0	-

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per minute.	Stren.	Direc.
01h.	-	-	-	-
06h.	-	-	-	-
13h.	-	-	-	-
18h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

2nd - 3rd June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·37	11·51	8·5
	3·36	11·51	8·6
Greenwich	3·50	11·58	8·6
	3·49	11·58	8·7
Wick	3·16	12·10	9·4
	3·15	12·10	9·6
Valencia	4·28	12·33	8·50
	4·27	12·33	8·51

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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.
- = "decreasing", + = "increasing."

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

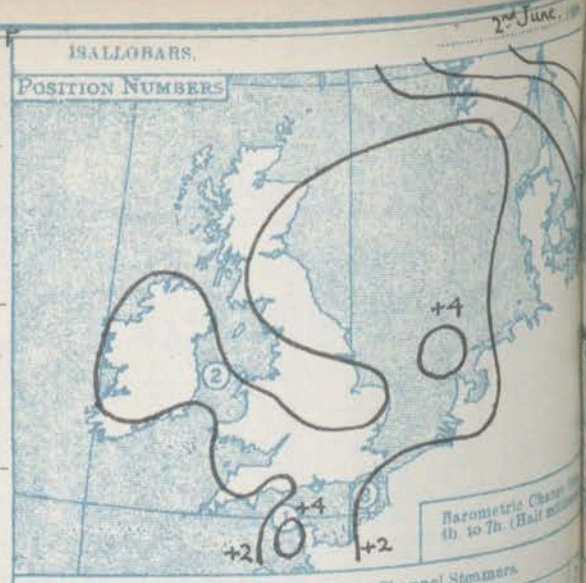
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 1st	WEATHER. 13h.-18h. 1st	WEATHER. 18h. 1st to 1h. 2nd	WEATHER. 1h.-7h. 2nd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 1st Hours.
Lerwick	c.bc.c	bc.c	bcpr	bccpr	47	43	.	-	trace	-	2200	10.0
Stornoway	b-bc	c	c	c	50	37	.	0.3	-	1530	-	5.1
Wick	oo	cpr.	opr.c	pr.bc	47	40	.	Trace	0.3	1530	<2100	.
Castlebay	c.o	oo	obcb	bopr	53	41	.	-	0.3	-	-	3.4
Nairn	cqg	bccqg	iRqc	cq	48	40	.	-	0.3	2100	-	2.2
Aberdeen	oo	o.c bcq	bcc'b	bc	48	40	34	-	-	-	-	2.6
Malin Head	oidom	mcov	co	p.cov	53	45		1	0.2	<0800	0130	1.2
Renfrew	oo	oo	oo	oo	56	43	42	-	-	-	-	0.3
Edinburgh (Inchkeith)	T.o	c	bbc	bc	50	40	34	0.3	trace	<0800	-	2.7
Leuchars	oq	oqy bcb	byb	bb	52	34	28	-	-	-	-	4.5
Eskdalemuir	oir	ooc	cbco	oo	50	39	38	1	0.1	<0800	-	3.1
Tynemouth	Rym	omr	bc	c	46	40	37	27	-	<0800	-	.
Blacksod Point	oo	oo	oo	qcc	57	49	.	-	-	-	-	.
Donaghadee	or	oo	o	c	52	46	.	3	-	<0800	-	.
Birr Castle	co	copr.	pr.	co	59	50	49	0.1	0.2	1430	<2100	0.7
Holyhead	orrm	r.o	op	p	51	48	47	11	2	<0800	2200	0.5
Liverpool (Bidston)	r w d	r.o	orm		52	47	43	8	3	<0800	0530	0.2
Chester (Shotwick)	orrm	orrr.o	OO	orrr	53	47	42	13	1	<0800	0330	0.0
Harrogate	r w d	oo	r-d		48	40	38	15	1	<0800	2400	0.0
Spurn Head	oorr	oorr	ocbc	bcco	54	44	.	3	1	1100	<2100	0.0
Birmingham (Edgbaston)	oRrr	orr	orc	cor	53	46	44	17	2	<0800	<2100	0.0
Cranwell	rr	oirr	rocb	bcco	53	37	35	15	2	<0800	<2100	0.0
Gorleston	cq bcq	orr oq	ord	ocbcc	66	43	40	2	0.6	1430	<2100	6.2
Valencia (Cahirciveen)	bc.c.	c.bc.c	obco	o	57	50	49	-	trace	-	<2100	6.6
Roches Point	bc.cp.	c	cbc	bco	65	51	.	trace	-	1230	-	
Pembroke (St. Ann's H.)	opr	orr	oro	opc	54	47	.	4	trace	<0800	2400	0.0
Ross-on-Wye	bir	rr	r.oq	r.orr	57	49	48	5	4	<0800	<2100	0.0
Leafield		d.od	d	dorr	67	45	43	3	4	1230	<2100	0.0
Andover	o.c.	c.oPRo	oorr	or.	64	49	50	1	1	1430	<2100	7.4
S. Farnborough	bcq cq	cq opq	oor	oro pm	66	48	50	1	1	1530	<2100	6.1
London (Kew Obsy.)	bcq cq	cq orr oc	cororr	orrolm	66	47	47	2	3	1430	0130	8.0
Croydon	c.crcq bc	c.oRRpr	orrr	or r.r.	64	47	46	4	3	1100	2200	8.5
Clacton-on-Sea	bc.c	cp	cog	ogpc	63	45	45	0.2	2	1530	0330	9.9
Shoeburyness	b-bc	bcd opro	copro	oor.ro	64	45	45	0.4	2	1730	<2100	11.0
Felixstowe	bcpr.bc	bcqRro	oor	oroc	64	45	44	1	1	1230	2200	9.2
Lympne	do	o.c.bc	bo	oRr	61	47	47	-	8	-	2400	6.3
Scilly (St. Mary's)	cpo	c.bc	oc	co	61	52	.	0.6	-	<0800	-	8.1
Falmouth (Pendennis)	c.orr.	c.o	co	fo	61	52	.	trace	-	1100	-	6.0
Plymouth (Cattewater)	o.cpr.orr	oTrRRo	oco	ow	60	53	52	0.2	trace	1230	-	1.7
Portland Bill	c	c	r-d	p	60	53	.	-	2	-	2200	.
Southampton (Calshot)	oo	oo	cop.oci	oir.	59	52	51	-	4	-	<2100	7.1
Dungeness	c.oqpr	b-bc	c	oforr	59	50	.	0.4	7	0900	0230	.
Guernsey	pr.ocbc	b-bc	bcco	odmmo	60	52	.	0.2	trace	<0800	0530	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1st 1010	Scotia	NNW	4	r	50	49
3	2nd 0100	Dieppe	N	3	o	53	52

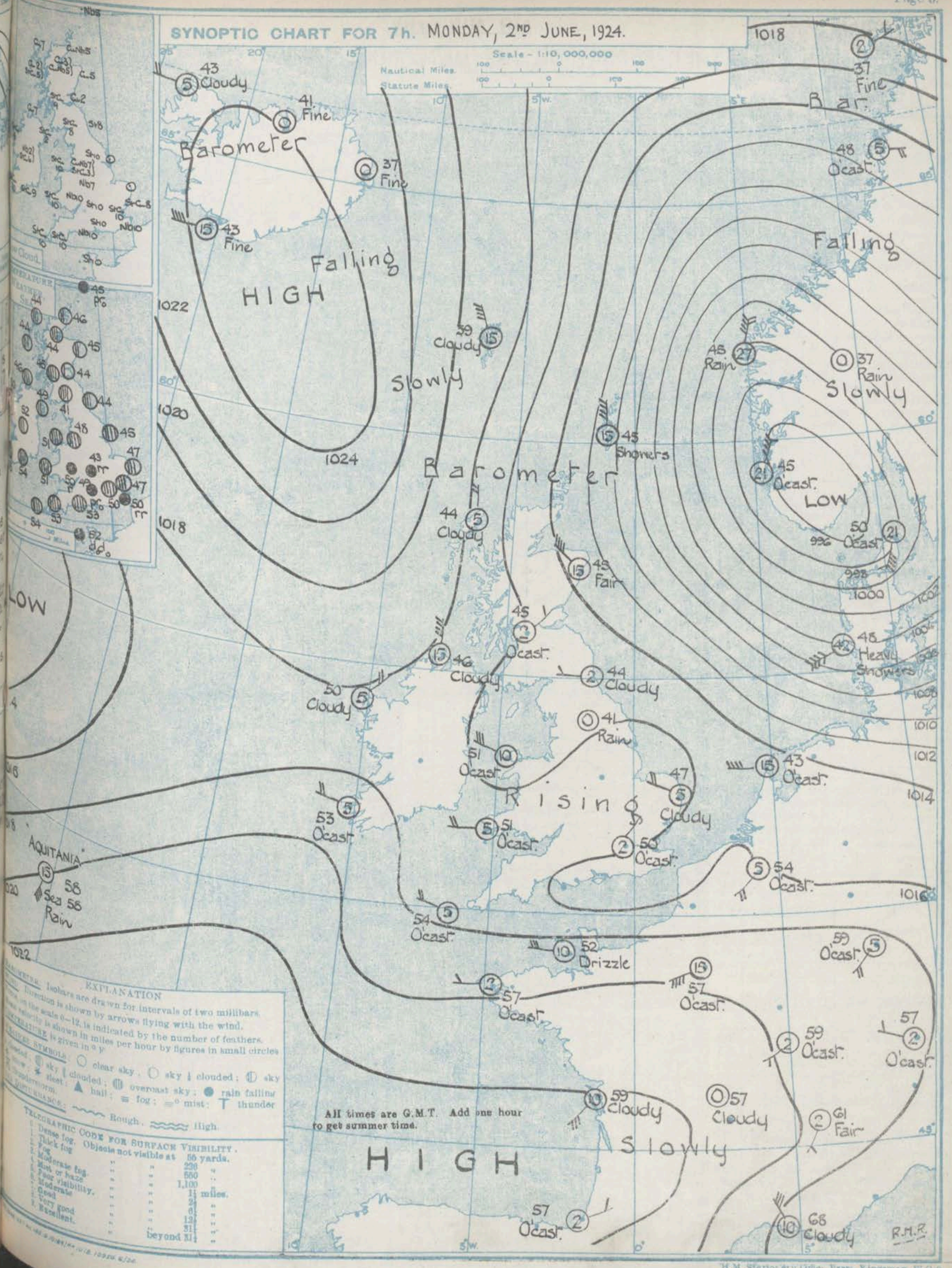
GENERAL INFERENCE.

A depression over Southern Norway is moving northeast, and anticyclone is situated off the Hebrides, while pressure over the British Isles is irregular. Over the southern half of the kingdom cool, cloudy weather is probable with local thundery rain, but fair periods are likely tomorrow with somewhat higher day temperature. In the North, moderate northerly winds are likely with variable skies local showers and a rather low temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 2nd June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable, mostly light; a good deal of cloud today with local thundery rain, fairer later; visibility moderate or good; rather cool then temperature rising again.	Becoming gradually warmer, unsettled generally but considerable fair periods in the South.
5. S.W. England 6. South Wales	Wind W. to S.W., light or moderate; mainly cloudy or dull, occasional drizzle; coastal fog later; rather cool to moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind variable, mostly light; fair periods, local showers; visibility moderate or good; rather cool today, temperature rising tomorrow.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Moderate northerly wind becoming variable; variable skies, local showers; visibility good; rather low temperature.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.	

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

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. MONDAY, 2ND JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
Falling
Slowly
Barometer
Rising
LOW
Falling
Slowly
Barometer
LOW
Rising
HIGH
Slowly
AQUITANIA
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
R.M.R.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Monday, 2nd June......1924. No. 154...

Observations at 0100 G.M.T. ...2nd...

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	Upper Form.	Total Amt. 0-10
Lerwick	54	1011.9	-2	NNE	4	bc	45	75	7	4000	Cu	2	A St	4
Stornoway	51	1018.9	+1	NE	3	bc-	·	·	3	·	·	·	·	·
Wick	81	1013.1	0	NW	3	c	40	97	8	1500	Cu Nb	3	Ci St	7
Castlebay	37	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	31	1015.7	+2	NNE	3	ofo	48	85	8	5700	Nb	4	Ci St	9
Renfrew	38	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	190	1014.2	+3	N	2	bc-	42	85	8	·	St	5	-	5
Leuchars	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	118	1014.7	+2	NW	1	bc-	42	85	6	800	St	4	-	4
Blacksod Point	10	1015.7	0	NNW	2	o	52	85	7	·	·	·	·	10
Donaghadee	35	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	175	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	26	1015.2	+2	SW'W	1	o	49	92	7	2500	St	10	-	10
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Harrogate	480	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	26	1013.6	+2	WNW	5	bc	45	92	7	4000	Cu	4	-	4
Birmingham (Edgbaston)	525	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	237	1015.6	+2	WNW	1	c+	40	97	7	2500	StCu	7	-	7
Gorleston	13	1014.5	+3	W'N	2	od₀	46	92	7	4000	Nb	10	-	10
Valencia (Cahirciveen)	30	1019.0	+1	W	1	o+	51	97	4	·	St	10	-	10
Roches Point	32	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	149	1016.0	+1	-	0	o	49	92	8	4000	StCu	10	-	10
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	556	·	·	·	·	·	·	·	·	·	·	·	·	·
Andover	205	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	51	·	·	·	·	·	·	·
Croydon	244	1014.6	+1	ENE	2	orr	50	97	6	800	Nb	10	-	10
Clacton-on-Sea	53	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	1015.3	+1	NE'N	3	ofo	50	97	7	800	Nb	10	-	10
Scilly (St. Mary's)	131	1017.0	+1	W	3	c	53	92	8	4000	StCu	7	-	7
Falmouth (Pendennis)	206	1017.6	+2	WNW	3	o	53	97	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	19	1014.4	+2	W	2	orr	53	97	6	2500	Nb	10	-	10
Southampton (Calshot)	12	1014.8	+1	WSW	3	orf₀	54	97	7	2500	Nb	10	-	10
Dungeness	21	1014.0	+1	WSW	4	fo	54	97	3	800	St	10	-	10
Guernsey														

Observations at 0700 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	Upper Form.	Total Amt. 0-10
Lerwick	1011.4	0	N	4	cpr₀	45	75	7	4000	Nb	5	AC	8
Stornoway	1017.9	0	N	2	c	44	85	7	4000	Cu	7	-	7
Wick	1013.5	+1	NNW	3	bc	46	75	8	1500	CuNb	5	-	5
Castlebay	1018.5	+1	NNE	4	c	44	92	8	4000	StCu	7	-	7
Nairn	1015.7	·	N	3	c	44	75	8	4000	CuNb	8	-	5
Aberdeen	1013.3	+2	NW	4	bc	45	85	8	1500	Cu	5	AC	6
Malin Head	1017.6	+2	N	4	c	46	65	9	4000	Cu	7	-	7
Renfrew	1016.3	+1	NE	1	o-	45	75	9	2500	StCu	9	-	9
Edinburgh (Inchkeith)	1015.1	+3	NNW	3	b-	44	75	9	·	Cu	2	AC	[illegible]
Leuchars	1015.0	+2	NNW	3	b	45	65	8	-	-	0	Ci St	9
Eskdalemuir	1015.9	+2	N	2	o-	41	75	7	4000	StCu	8	-	8
Tynemouth	1015.2	+1	W	1	c	44	75	7	1500	St	8	-	8
Blacksod Point	1017.7	+2	NE	2	c	50	75	7	·	·	2	Ci St	4
Donaghadee	1016.0	+2	NNW	3	bc	49	75	8	1500	StCu	8	-	8
Birr Castle	1016.8	·	NW	2	o-	52	85	5	800	StCu	10	-	10
Holyhead	1015.6	+1	WNW	3	o	51	92	7	1500	StCu	10	-	10
Liverpool (Bidston)	1015.3	0	S'W	2	o-	48	97	6	2500	CuNb	10	-	10
Chester (Shotwick)	1015.0	+2	SSE	2	orr	49	97	5	1500	Nb	10	-	10
Harrogate	1015.0	+4	-	0	orr₀	41	92	5	4000	St	10	A St	10
Spurn Head	1016.3	+3	NW	3	o	45	85	7	-	-	0	A St	9
Birmingham (Edgbaston)	1016.2	+1	SSW	1	o/r	49	92	5	1500	Nb	7	AC	10
Cranwell	[illegible]	+1	-	0	b	45	85	8	4000	StCu	3	AC	8
Gorleston	1016.1	+1	W'N	2	c+	47	85	7	-	-	0	-	10
Valencia (Cahirciveen)	1019.3	+1	WNW	2	o	53	85	8	1500	StCu	10	-	10
Roches Point	1018.4	+2	NW	3	o	54	85	8	2500	StCu	9	-	9
Pembroke (St. Ann's H.)	1017.2	+2	W	2	o	51	92	8	1500	StCu	10	-	10
Ross-on-Wye	1016.0	+2	E'N	1	or-	50	97	6	800	Nb	10	-	10
Leafield	1016.7	+3	S	2	orr	43	97	6	1500	St	10	-	10
Andover	1016.3	+3	-	0	o	51	92	7	1500	St	10	-	10
S. Farnborough	1016.5	+3	ENE	1	opr₀	49	92	5	450	St	10	-	10
London (Kew Obsy.)	1017.5	+3	NE'E	1	o/r	50	75	6	1500	StCu	10	-	10
Croydon	1016.7	+3	E	2	o/r	48	85	6	800	St	8	A St	10
Clacton-on-Sea	1016.5	+3	NNW	2	c	47	85	7	7200	StCu	8	AC	10
Shoeburyness	1016.8	+3	NE	1	o/r	46	85	8	1500	St	9	-	9
Felixstowe	1017.1	+4	NW	1	o+	47	85	7	7200	StCu	9	-	9
Lympne	1016.1	+2	NNE	2	o/r	49	97	6	800	Nb	10	-	10
Scilly (St. Mary's)	1017.8	+1	W'N	2	o+	54	97	7	4000	StCu	10	-	10
Falmouth (Pendennis)	1017.9	+1	W	3	o	53	92	7	4000	StCu	10	-	10
Plymouth (Cattewater)	1017.5	+3	SW	2	o	54	92	7	1500	Nb	10	-	10
Portland Bill	1015.5	0	W	2	o	53	92	7	2500	Nb	6	A St	10
Southampton (Calshot)	1016.5	+3	WNW	2	orf₀	54	85	7	800	Nb	10	-	10
Dungeness	1015.7	+2	ENE	3	orr	50	97	7	2500	Nb	10	-	10
Guernsey	1018.3	+4	W	3	odd₀	52	97	4	800	St	10	-	[illegible]

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

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night. 31st–1st °F	Temp. Max. Day. 1st °F.	Rainfall Night 17h.–9h. 31st–1st mm.	Rainfall Day 9h.–17h. 1st mm.	Sunshine Sunrise to 17h 1st	Sunshine Sunrise to Sunset. 31st hr.
Berwick-on-Tweed	τrqτr	τrqτc	43	50	17	8	0.0	0.0
Douglas (I o M)	oτ₀	τ₀.o.c.	48	51	13	1	0.0	0.7
Llandudno	τ	τo	51	52	32	8	0.0	0.0
Colwyn Bay	τ	τc	51	56	35	11	0.0	0.0
Rhyl	τ.o	τ.o.c	52	53	36	9	0.0	0.2
Southport	τ	τo	50	52	36	4	0.0	0.2
Blackpool	τ	τo	51	52	38	3	0.0	0.1
Ilkley	oτ	oτ	40	48	21	14	0.0	0.0
Skegness	p.oτ	τ.oτ	48	55	8	5	0.0	1.5
Aberystwyth	τ.oτ	oo	51	58	31	14	0.0	1.3
Bath	o.c.bc	oτ₀	54	63	13	Trace	1.5	1.6
Leamington Spa	oτ	oτ	52	56	39	6	0.0	0.4
Lowestoft	c.bc.c.do	o.c.oτr	53	66	3	2	5.2	1.0
Felixstowe	bc	opτ	55	64	12	1	9.1	1.2
Harwich & Dovercourt	bcpτ	bccprc	54	65	11	1	9.0	1.5
Southend	c.bc	bc.c.oτ	54	64	11	0.4	9.9	2.0

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night. 31st–1st °F	Temp. Max. Day. 1st °F.	Rainfall Night 17h.–9h. 31st–1st mm.	Rainfall Day 9h.–17h. 1st mm.	Sunshine Sunrise to 17h. 1st
Ilfracombe	oτ₀	oτ₀	53	55	3	1	6.0
Bude	o	o	52	59	2	0.2	0.0
Paignton	bc	bc.c.o.c	51	63	1	-	6.5
Torquay	bc.c	bc	50	63	1	0.1	4.6
Jersey	c	c	51	62	7	0.5	7.3
Weymouth	c	c	51	62	4	-	7.2
Bournemouth	bc	bc	51	62	10	-	5.0
Portsmouth (S'thsea)	bc.b	b.	52	62	7	-	7.9
Littlehampton	o.c.	bc	53	58	15	-	4.2
Worthing	og	bc	52	60	17	0.3	5.0
Brighton	o	o	52	62	26	-	0.0
Eastbourne	o	c.bc.c	51	60	9	-	3.9
Hastings	o.c.bc	c.bc	51	60	15	-	3.6
Folkestone	τlτc	bc	52	64	9	Trace	4.4
Dover	oτ₀oc	c.bc.b	52	60	Trace	Trace	4.9
Tunbridge Wells	op.c.	c.bc	51	62	11	-	4.2
Ramsgate	c.bc	bc.b	52	64	14	-	10.0
Margate	bc	b	52	64	11	-	11.4
Deal	bc.c.	bc	51	64	14		9.0

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0'1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22839 TUESDAY, 3RD JUNE 1924.

Observations at 1300 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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1012·2	+2	N	6	bcjp	47	75	8	4000	Cu	6	-	6	·
Stornoway	1019·5	+2	N	4	o+	47	75	7	4000	Cu	9	-	9	·
Wick	1015·5	+2	NW	3	bc	49	75	8	1500	CuNb	6	-	6	·
Castlebay	1020·4	+1	NW	4	bc-	49	85	8	4000	StCu	4	-	4	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1016·2	+3	NW	4	bcjp	50	65	8	2500	CuNb	6	-	6	0
Malin Head	1020·0	+2	N	3	bc-	48	65	9	4000	Cu	6	-	6	·
Renfrew	1017·7	+2	-	0	o+	52	65	9	5700	StCu	9	-	9	1
Edinburgh (Inchkeith)	1016·1	+1	SW	2	c+	53	65	8	·	-	0	ACu	7	·
Leuchars	1016·3	+2	NW	3	c+	52	55	8	4000	StCu	7	-	7	0
Eskdalemuir	1017·2	+2	N	2	c-	50	55	8	2500	StCu	8	-	8	1
Tynemouth	1017·3	+2	NNE	2	c	49	75	8	1500	Nb	4	ACu	7	·
Blacksod Point	1020·2	+1	NE	1	bc	54	66	8	·	·	·	·	5	·
Donaghadee	1019·1	+2	NNW	3	b-	51	75	8	800	Cu	1	-	1	·
Birr Castle	1018·5	·	NW	2	c	58	75	7	4000	StCu	8	-	8	·
Holyhead	1018·9	+3	N'W	4	b-	52	75	8	4000	Cu	2	ACu	3	2
Liverpool (Bidston)	1017·8	+3	WNW	3	bc-	52	65	8	2500	Cu	6	-	6	·
Chester (Shotwick)	1017·4	+4	WNW	5	c/r	54	75	8	2500	Cu	5	ACu	7	2
Harrogate	?	0	-	0	o/r	?	92	6	4000	St	10	-	10	·
Spurn Head	1017·8	0	NNE	1	o	45	97	8	4000	Nb	10	-	10	·
Birmingham (Edgbaston)	1016·3	0	WNW	3	or₀	56	75	8	4000	Nb	9	-	9	2
Cranwell	1016·7	0	S	3	c	56	85	6	2500	StCu	7	ACu	8	2
Gorleston	1017·3	+2	E	1	o+	53	75	6	5700	StCu	9	-	9	·
Valencia (Cahirciveen)	1021·3	+1	-	0	o	54	85	7	1500	St	10	-	10	0
Roches Point	1020·3	0	WNW	3	o+	60	65	8	2500	StCu	9	-	9	·
Pembroke (St. Ann's H.)	1019·4	+1	NW	3	c	53	85	8	4000	StCu	8	-	8	·
Ross-on-Wye	1016·6	+1	W'N	2	bc	60	65	8	4000	Cu	4	-	4	2
Leafield	1016·9	+1	WSW	3	c-	60	75	7	4000	Cu	7	-	7	·
Andover	1017·4	+1	NW	2	c-	60	75	6	2500	CuNb	8	-	8	1
S. Farnborough	1017·9	+1	W	2	o/r	55	92	6	800	Nb	10	-	10	2
London (Kew Obsy.)	1017·8	+1	SSW	1	o/r	56	92	6	2500	StCu	9	-	9	2
Croydon	1018·0	+2	NW'W	1	orr	53	92	5	220	Nb	10	-	10	2
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1018·2	+1	SE	1	cr	53	75	7	1500	Nb	7	ACu	8	·
Felixstowe	1017·8	+1	S'W	1	o-	54	75	7	2500	St	9	-	9	2
Lympne	1018·1	+2	SSE	2	o	53	75	7	800	St	10	-	10	1
Scilly (St. Mary's)	1020·8	+4	NW'N	4	o	58	65	8	4000	StCu	10	-	10	·
Falmouth (Pendennis)	1019·8	+1	NW	3	c-	60	75	8	4000	StCu	7	-	7	·
Plymouth (Cattewater)	1019·0	+1	SW	4	bc-	59	85	8	4000	CuNb	5	-	5	1
Portland Bill	1018·1	+2	W	3	bc-	55	85	7	4000	CuNb	6	-	6	·
Southampton (Calshot)	1018·0	+2	W	4	o-	60 55	75	8	4000	Cu	9	-	9	1
Dungeness	1017·9	+3	SSE	2	o/r	53	85	7	-	-	0	ASt	10	·
Guernsey	1020·3	+1	W	4	o	57	85	7	2500	StCu	7	ASt	9	:

Observations at 1800 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1013·9	+2	N	4	bc	45	65	8	4000	Cu	6	-	6	3
Stornoway	1020·1	+1	N	7	c-	45	75	7	800	Nb	8	-	8	3
Wick	1017·2	+2	NW	3	cph₀	44	97	8	1500	CuNb	7	-	7	1
Castlebay	1020·7	+1	NNW	4	b	48	65	8	4000	StCu	2	-	2	3
Nairn	1018·5	·	N	3	c/r	46	85	8	4000	Cu	8	-	8	·
Aberdeen	1017·2	+1	NW	4	bc	49	65	8	4000	Cu	4	-	4	0
Malin Head	1020·8	+0	NNW	3	c+	47	65	9	4000	Cu	4	CiSt	7	1
Renfrew	1017·5	+0	W	3	bc-	55	65	9	4000	Cu	2	Ci	4	·
Edinburgh (Inchkeith)	1017·0	0	E	1	c	50	75	8	·	Cu	2	ACu	7	1
Leuchars	1017·0	+1	SW	2	ojp	50	75	8	5700	CuNb	9	-	9	·
Eskdalemuir	1017·5	0	N	2	c	50	65	8	2500	StCu	8	-	8	·
Tynemouth	1018·0	+1	-	0	bc	48	75	8	1500	Nb	3	ACu	6	2
Blacksod Point	1020·1	0	N'E	2	o	51	65	8	·	·	·	·	10	4
Donaghadee	1019·3	0	NNW	3	b-	50	75	8	800	StCu	3	-	3	3
Birr Castle	1019·2	·	NW	1	c-	59	65	7	4000	Cu	5	Ci	7	·
Holyhead	1020·0	+2	NW'N	2	c⊕	50	75	8	-	-	0	Ci	7	1
Liverpool (Bidston)	1018·9	+2	WNW	3	b-	51	75	7	2500	CuNb	1	Ci	2	4
Chester (Shotwick)	1018·8	+0	NW	5	bc-	51	75	7	4000	Cu	4	-	4	·
Harrogate	1018·3	0	S	1	o/r	49	75	7	4000	CuNb	8	-	8	·
Spurn Head	1018·9	+1	N	3	bc-	47	85	8	-	-	0	ACu	4	2
Birmingham (Edgbaston)	1018·4	+2	N	4	bc	54	65	8	4000	Cu	2	Ci	4	·
Cranwell	1019·2	+4	NE	2	o/r	45	92	8	1500	StCu	10	-	10	·
Gorleston	1017·2	-1	S'E	4	or₀r₀	54	92	5	4000	Nb	10	-	10	0
Valencia (Cahirciveen)	1020·8	-1	SW'W	2	o+	57	85	7	800	St	8	ASt	10	1
Roches Point	1020·6	0	W	3	o	59	75	8	2500	StCu	9	-	9	0
Pembroke (St. Ann's H.)	1019·8	+1	NW	1	b	55	85	8	2500	Cu	1	ACu	2	2
Ross-on-Wye	1017·7	+2	NW'W	3	c	57	65	9	4000	StCu	7	Ci	8	·
Leafield	1018·0	+3	NNW	3	bc-	56	85	7	4000	CuNb	6	-	6	·
Andover	1017·8	+1	WNW	4	bc-	60 59	75	8	2500	CuNb	4	-	4	·
S. Farnborough	1017·5	+1	W	3	lcjp	59	85	7	1500	Cu	6	ACu	8	·
London (Kew Obsy.)	1018·1	+1	N'W	2	o/tlr	54	92	7	4000	Nb	10	-	10	·
Croydon	1018·1	+2	N'E	2	o/r	53	85	6	1500	Nb	10	-	10	·
Clacton-on-Sea	1016·8	-1	SSW	3	ctl	56	85	6	2500	CuNb	5	ACu	7	1
Shoeburyness	1017·9	0	NW	1	oPR-	51	85	8	450	CuNb	8	ACu	9	·
Felixstowe	1017·0	-1	S'W	4	or	54	85	6	4000	St	10	-	10	0
Lympne	1018·4	0	SW'S	2	o	51	97	6	220	St	10	-	10	·
Scilly (St. Mary's)	1022·1	+1	WNW	2	b-	57	85	8	4000	StCu	1	CiSt	3	3
Falmouth (Pendennis)	1020·8	+1	NW	3	bc-	58	65	8	5700	StCu	5	-	5	0
Plymouth (Cattewater)	1020·0	+2	NW	5	b-	57	65	8	2500	CuNb	1	-	1	0
Portland Bill	1018·1	0	WSW	3	bc	54	92	7	4000	CuNb	6	-	6	3
Southampton (Calshot)	1018·1	+1	WSW	4	c+	60	85	8	4000	StCu	7	-	7	0
Dungeness	1018·1	0	WSW	2	c/m	54	92	6	2500	Cu	8	-	8	3
Guernsey	1020·6	0	SW'W	4	ojp	55	97	6	1500	St	10	-	10	3

LONDON OBSERVATIONS. (24 HOURS ENDED 0900 G.M.T. 3rd; Kew, Croydon: 24 hours ended 0700)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °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	omr	oimctro	orouc	·	·	42	4	1	2·2	·	·	5
Croydon	244	orr.rc	orrtl	opr.om	·	·	43	5	1	2·7	·	·	6
Greenwich (Royal Obsy.)	149	or	r₀ortlr	omr₀	62	44	36	6	1	1·9	77	62	6
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	1·5	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	62	45	43	5		2·4	50	53	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	1·8	·	·	·
Camden Square	110	oor	orortl	·	62	44	40	9	03	·	·	70	·
Kensington Palace	80	bcop	ortlo	·	62	·	38	4	04	·	(At 18h)	85	·
Hampstead Observatory	450	·	·	·	60	41	33	7	03	8·2	·	62	·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 2nd

South Kensington			
Max.	Time.	Min.	Time.
0·3	1st 21h	<0·3	2nd 1h
1·0	2nd 10h		

Kew Observatory			
Max.	Time.	Min.	Time.
<0·3	1st 24h	<0·3	1st 17h
0·3	2nd 8h		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2nd – h. – m. to 3rd – h. – m.

Stars.	Expo-sure. h. m.	Record. h. m.	%
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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
19h	G	8	5	140°
18h	-	-	-	-
01h	-	-	-	-
07h	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

3rd & 4th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.36 3.35	11.51 11.51	8.6 8.7
Greenwich	3.49 3.48	11.58 11.58	8.7 8.8
Wick	3.15 3.14	12.10 12.10	9.6 9.7
Valencia	4.27 4.26	12.39 12.39	8.51 8.52

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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; - = "decreasing", + = "increasing."

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

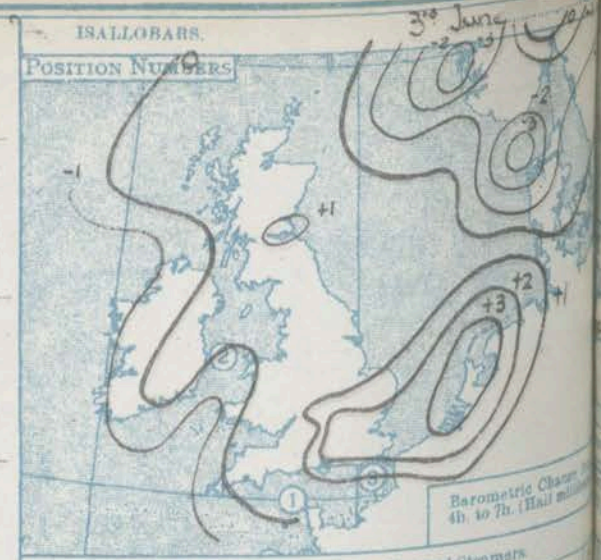
SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea

' For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 2nd	13h.-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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	Sun 2nd Hours
Lerwick	cbcpr	bcprh	bc	bcc	48	38	.	0.4	0.1	0900	<2100	10.2
Stornoway	c	ob	bbc	c	48	35	.	-	0.2	-	-	4.1
Wick	bcprh	bcprh	cprh	bccp.	50	35	.	0.3	1	11.00	<2100	.
Castlebay	cbc	bcb	b	bbc	50	42	.	-	-	-	-	12.2
Nairn	cirg	cihprg	cqbc	bc	55	35	.	4	-	11.00	-	3.5
Aberdeen	cprrhpcbc	bcq	bcb	b	53	36	30	0.5	-	<08.00	-	11.7
Malin Head	cov	bccov	cobcv	bccv	49	41	.	-	-	-	-	11.0
Renfrew	obco	obcv	bcb	bcnm	58	33	26	-	-	-	-	11.2
Edinburgh (Inchkeith)	bcc	c	oo	c	54	43	36	-	trace	-	-	11.7
Leuchars	cbcc	copro	opr.	oc	54	42	37	0.2	0.1	16.30	2200	8.7
Eskdalemuir	~~cbcy~~	cybcc	cbcb	bbcw	55	29	24	-	-	-	-	6.9
Tynemouth	c	b-bc	bcom	bcff	50	40	36	-	-	-	-	.
Blacksod Point	bcbc	cc	oo	og	54	48	.	-	-	-	.	.
Donaghadee	bc	bc	bc	bc	51	38	.	-	-	-	.	.
Birr Castle	co	co	co	copc	60	49	45	-	0.1	-	0530	9.3
Holyhead	pr.	bbc	bcco	cbc	53	45	40	0.2	-	<0800	-	8.4
Liverpool (Bidston)	opc	bcd	b	b	54	44	40	0.6	-	09.00	-	4.9
Chester (Shotwick)	oprc	cqbcq	bcb	cbc	55	43	35	1	-	<0800	-	5.6
Harrogate	r-d	r-d	c	c	49	36	30	1	-	14.30	-	1.2
Spurn Head	orro	oirc	bbc	bbc	47	43	.	0.6	-	<0800	-	1.6
Birmingham (Edgbaston)	oR	oPRbc	bc	bcm	58	43	34	4	-	11.00	-	4.3
Cranwell	oir.o	corro	bbc	bm	57	36	29	3	-	0900	-	1.6
Gorleston	ocbc	cor	ob	bbc	56	38	34	0.2	3	17.30	<2100	3.5
Valencia (Cahirciveen)	o	oco	o	odr.	59	54	52	-	0.2	-	0530	0.3
Roches Point	obcc	oco	oco	obo	62	53	.	-	0.4	-	0530	
Pembroke (St. Ann's H.)	c	b-bc	c	odd	57	47	.	-	0.2	-	0530	6.0
Ross-on-Wye	cocupbc	cbcvycv	bccbw	bnc	68	43	40	Trace	-	11.00	-	7.2
Leafield	orrc	coc	cobcff	ffbcm	62	39	34	1	-	<0800	-	6.1
Andover	rrddcm	oprgc	bcc	com	61	46	44	3	-	<0800	-	3.8
S. Farnborough	pr.corr	pr.cbc	coro	oco	64	45	41	4	0.3	<0800	<2100	3.2
London (Kew Obsy.)	omr	bincfra	orowo	omncm	64	45	42	4	1	<0800	<2100	2.2
Croydon	orr r.c.	orrtl	opr.c.	om	60	45	43	5	1	<0800	<2100	2.7
Clacton-on-Sea	coro	octlr	crtc	cbc	56	41	38	2	2	0900	<2100	1.9
Shoeburyness	ocir	cirotpR	otpRcbc	bc	58	40	34	5	0.1	<0800	<2100	1.8
Felixstowe	ocro	otirm	orrmo	ocbcb	55	39	35	0.4	1	0900	<2100	2.4
Lympne	or.	ord.	omr.	o	53	46	43	1	3	<0800	<2100	0.0
Scilly (St. Mary's)	oo	ocbc	bc	bbco	59	50	.	-	-	-	-	5.8
Falmouth (Pendennis)	c	cbc	bcb	bcco	62	51	.	-	-	-	-	7.8
Plymouth (Cattewater)	ocbc	bbccb	bbc	ow	61	51	43	-	-	-	-	5.7
Portland Bill	c	c	bbc	c	57	49	.	-	-	-	-	.
Southampton (Calshot)	oiro	ocbcc	cocbcbw	oo	60	49	45	1	-	<0800	-	5.3
Dungeness	oo	opmrc	r-d	oo	54	49	.	1	1	14.30	2200	.
Guernsey	od.mc	bcco	ocbc	ocbc	59	50	.	0.2	-	<0800	-	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	2nd 1010	Scotia	N	3	o	50	45
3	3rd 0200	Brighton	NNW	4	bc	54	52

GENERAL INFERENCE.

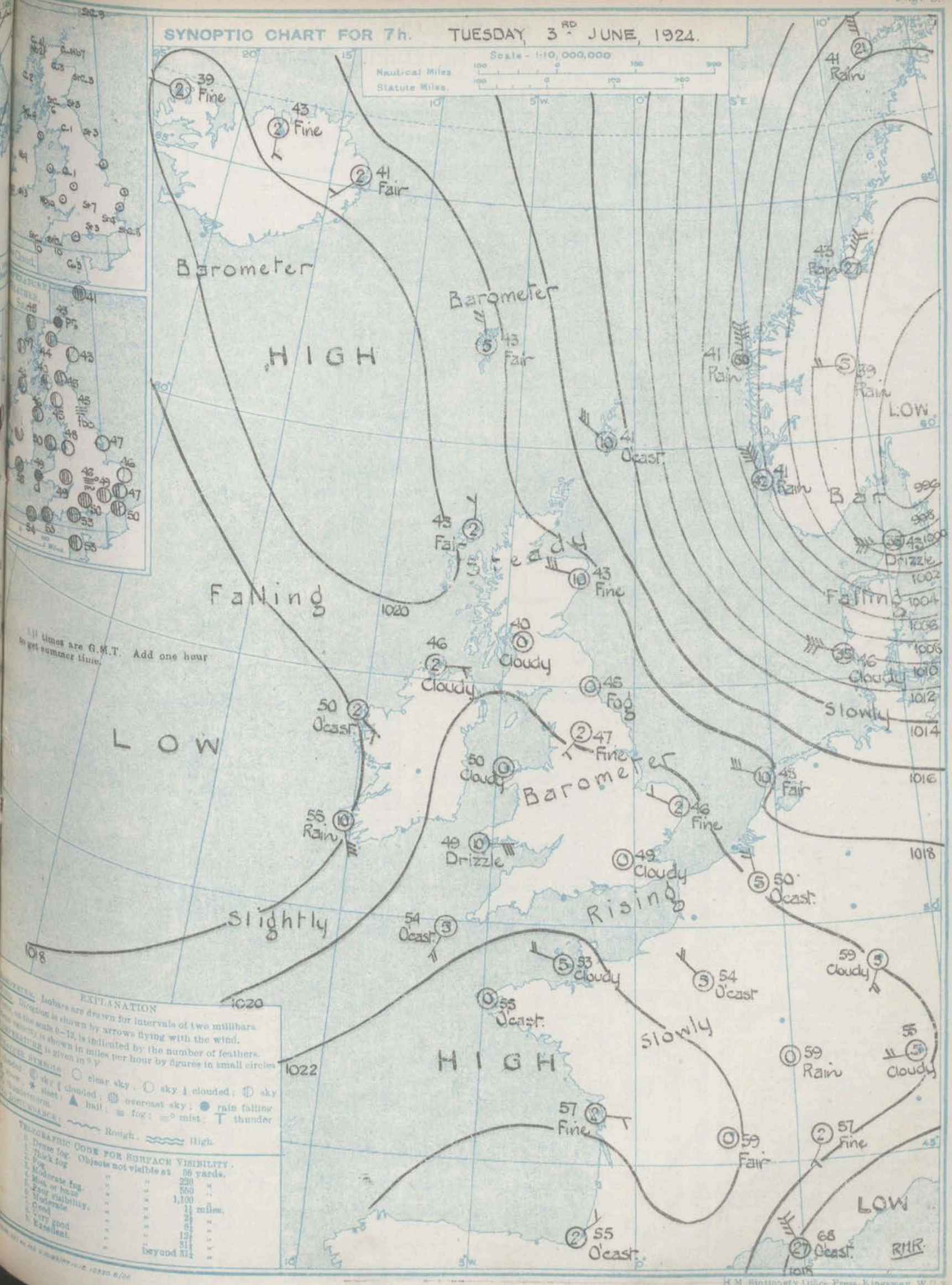
The present tendency is for barometric pressure to become highest in a belt from the Azores south of the British Isles to Central Europe, and for a new series of depressions to commence passing eastwards well north of this country. Winds after being variable will probably become gradually westerly. After a lull rain in the South, considerable fair periods are likely, while in the North, weather will be unsettled. A rise of temperature is proable in all areas.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 3rd June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable to westerly, light or moderate; becoming cloudy or dull with a little rain then considerable fair, warm periods; visibility moderate or good.	Winds probably becoming westerly generally, with unsettled weather in the North and considerable fair warm periods in the South.
5. S.W. England 6. South Wales 7. North Wales	Wind S. to S.W. or W., light or moderate; dull, some rain or drizzle, mist or fog locally, fairer later; temperature rising.	
8. N.W. England 9. N. Midlands	Wind variable to S.E., light or moderate; cloudy to dull, some rain or drizzle; mist at times; moderate temperature.	
10. N.E. England 11. E. Scotland	Wind variable to S.E., light or moderate; fair at first, some rain or drizzle later; mist at times; moderate.	
12. S.W. Scotland 13. Isle of Man	As 8 - 9.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	As 10 - 11.	
17. N.W. Ireland 18. N.E. Ireland	As 8 - 9.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.	

MRS.

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...Tuesday 3rd June.....1924. No. 155....

Observations at 0100 G.M.T. 3rd

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1015.3	+1	N'W	2	bc	41	75	8	5700	StCu	2	AStr	4
Stornoway	51	1020.9	+1	–	0	b-	*	*	6	*	*	*	*	*
Wick	81	1016.2	0	NNW	1	bcph	36	97	8	1500	CuNb	4	CuStr	6
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	31	1020.7	0	N'W	2	b	45	65	9	5700	StCu	1	-	1
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1019.0	+2	ENE	3	b-	45	88	8	*	StCu	3	-	3
Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1019.1	0	-	0	o+	45	75	6	1500	St	10	-	10
Blacksod Point	10	1019.0	-1	N'E	3	opr.	49	75	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1021.3	+1	W'S	1	o	47	75	8	4000	StCu	9	-	9
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	489	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1020.8	0	WSW	2	b	44	97	7	5700	StCu	1	-	1
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1021.4	+1	WSW	2	b	38	97	8	-	-	0	-	0
Gorleston	13	1020.4	+1	NW'N	2	b	40	97	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1019.4	-3	S'E	1	o+	55	92	5	*	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1021.4	+2	E	1	c	49	85	8	4000	StCu	8	-	8
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	564	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*
Croydon	244	1020.8	+2	NNE	1	o/r	46	97	6	1500	St	10	-	10
Clacton-on-Sea	51	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1020.0	+1	N'N	4	o/r	49	92	7	800	St	10	-	10
Scilly (St. Mary's)	131	1022.8	+1	NW'N	1	b-	51	92	8	4000	StCu	2	CuStr	3
Falmouth (Pendennis)	200	1022.4	+1	NW	1	b	52	92	8	5700	StCu	2	-	2
Plymouth (Cattewater)	82	-	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1020.4	+1	NW	3	b	53	75	7	-	-	0	-	0
Southampton (Calshot)	12	1020.3	+1	NW'N	3	b	53	92	8	-	-	0	-	0
Dungeness	21	1019.5	+1	NW	3	c/r	52	92	7	2500	St	4	ACu	7
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1015.5	0	NW	3	o	41	75	8	5700	StCu	9	-	9
Stornoway	1019.3	0	N	1	bc	45	75	7	2500	Cu	6	-	7
Wick	1017.7	0	WNW	2	cpr.	43	92	8	2500	CuNb	7	A St	10
Castlebay	1020.5	0	–	0	bc	47	65	8	4000	Cu	2	Cu	3
Nairn	1019.1	*	–	0	bc-	44	75	8	4000	Cu	3	-	3
Aberdeen	1019.4	0	WNW	3	b	43	75	8	4000	StCu			
Malin Head	1019.5	-1	E	1	c+	46	65	9	5700	StCu	4	CuStr	7
Renfrew	1019.4	0	–	0	c+	40	97	4	4000	StCu	6	Cu	7
Edinburgh (Inchkeith)	1016.7	+1	E	3	c	45	85	8	*	St	3	ACu	8
Leuchars	1019.5	0	N	1	c	45	75	8	4000	StCu	8	-	8
Eskdalemuir	1019.3	0	SE	1	bc	45	75	8	4000	Cu	1	Cu	4
Tynemouth	1019.4	0	–	0	fbc-	45	85	3	1500	St	3	ACu	6
Blacksod Point	1017.4	-1	SE'S	1	o-	50	85	8	*	*	*	*	10
Donaghadee	1020.7	0	N	1	bc-	46	85	8	-	-	0	CuStr	4
Birr Castle	1018.7	*	NW	1	o+	51	92	6	2500	Nb	9	-	9
Holyhead	1020.5	0	–	0	c+	50	85	8	-	-	0	Cu	1
Liverpool (Bidston)	1020.8	0	N	2	b+	48	75	8	2500	Cu	1	CuStr	2
Chester (Shotwick)	1020.4	+1	NW'N	3	bc	51	75	9	4000				
Harrogate	1019.3	0	SW	1	b	47	75	7	5700	Cu	1	AStr	3
Spurn Head	1020.2	0	WSW	3	b	47	92	5	-	-	0	-	0
Birmingham (Edgbaston)	1021.3	0	N	2	bc	47	75	6	-	-	0	Cu	0
Cranwell	1021.1	-1	WSW	2	b	46	92	5	-	-	0	-	0
Gorleston	1020.9	+1	WNW	1	b	46	85	7	-				
Valencia (Cahirciveen)	1017.4	-1	SSE	3	opr.	55	97	6	450	St	10	-	10
Roches Point	1021.0	0	SW	1	o	55	92	7	800	St	8	AStr	8
Pembroke (St. Ann's H.)	1020.2	-1	E	3	od	49	92	6	800	Nb	10	-	9
Ross-on-Wye	1021.1	0	NNW	1	o+	49	85	7	-	-	0	Cu	0
Leafield	1021.4	+1	S	1	mo-	46	97	5	220	St	7		
Andover	1021.2	0	-	0	0	49	92	6	1500	St	10	-	10
S. Farnborough	1021.4	+1	ESE	1	0	50	85	6	2500	St	3	CStr	6
London (Kew Obsy.)	1021.7	+1	-	0	c-	49	85	5	1500	St	4	CStr	9
Croydon	1021.4	+1	-	0	o-	48	85	6	1500	St	5	CStr	9
Clacton-on-Sea	1021.0	+1	N	3	bc-	47	85	7	-	-	0	ACu	0
Shoeburyness	1021.9	+2	NW'N	1	bc	50	75	8	-	-	0	Cu	0
Felixstowe	1021.5	+2	N	1	b-	47	85	7	-	-	0	ACu	0
Lympne	1021.4	+1	NE	2	c	49	85	7	1500	St	4	CStr	4
Scilly (St. Mary's)	1021.2	-1	S'W	2	o	54	92	8	4000	StCu	10	-	10
Falmouth (Pendennis)	1021.9	0	WSW	2	o+	53	92	8	5700	StCu	10	-	10
Plymouth (Cattewater)	1021.4	0	SW	2	o	54	85	7	800	StCu	9	ACu	10
Portland Bill	1020.8	0	–	0	o+	53	75	7	-	-	0	CStr	9
Southampton (Calshot)	1021.5	+2	N	2	o	52	85	6	-	-	0	AStr	8
Dungeness	1021.0	+1	ENE	3	c-	50	85	7	5700	StCu	8	-	7
Guernsey	1022.1	0	W'N	2	c	53	97	7	5700	Cu	3	AStr	8

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 1st–2nd °F	Temperature. Max. Day. 2nd °F	Rainfall.† Night 17h.–9h. 1st–2nd mm.	Rainfall.† Day 9h.–17h. 2nd mm.	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st hr.
Berwick-on-Tweed	cbcbb	bbccv	39	50	-	-	8·6	0·6
Douglas (Lo M)	bc	b	46	52	1	-	7·2	0·0
Llandudno	rop	cbcd	47	54	2	1	4·2	0·2
Colwyn Bay	rc	bc	47	53	2	2	4·2	0·0
Rhyl	ro	bc	47	54	2	1	4·6	0·0
Southport	rcoc	bcbbc	46	54	3	-	6·2	0·3
Blackpool	roc	bc	48	55	3	-	5·8	0·2
Ilkley	romr	cbcbc	40	53	7	3	1·6	0·0
Skegness	ocb	bcopo	39	53	5	1	2·3	0·0
Aberystwyth	roc	b	49	55	2	-	2·0	0·0
Bath	odcbc	PR bc	51	62	4	2	4·1	1·5
Leamington Spa	o	pcbo	47	63	3	4	3·5	0·0
Lowestoft	ooc	coo	43	56	1	-	2·2	5·2
Felixstowe	oop	bm	44	55	2	1	1·5	9·9
Harwich & Dovercourt	odr	obcc	*	56	2	0·4	2·8	9·0
Southend	oiro	pirbo	48	59	2	1	1·8	9·9

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 1st–2nd °F	Temperature. Max. Day. 2nd °F	Rainfall.† Night 17h.–9h. 1st–2nd mm.	Rainfall.† Day 9h.–17h. 2nd mm.	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st hr.
Ilfracombe	oco	opc	50	57	3	-	2·5	0·0
Bude	o	c	52	~~59~~ 56	0·3	-	1·5	0·0
Paignton	cbcc	bc	54	67	0·3	-	3·6	4·0
Torquay	ocbc	b	54	65	0·3	-	5·6	1·0
Jersey	gbc	bc	54	61	-	-	4·3	7·0
Weymouth	o	cb	52	66	1	-	5·7	5·0
Bournemouth	oc	cdc	52	64	3	1	3·5	5·0
Portsmouth (S'thsea)	or.	bbc	52	64	4	1	4·0	4·0
Littlehampton	oco	pocop	52	60	4	2	1·0	3·0
Worthing	o	p. Ro p	51	61	3	2	0·8	1·0
Brighton	o	co	50	60	9	0·4	0·7	4·0
Eastbourne	o	odoco	51	57	5	0·1	0·8	4·0
Hastings	mo	odc	49	55	9	1	0·2	6·0
Folkestone	o	roro	48	~~60~~ 58	6	1	0·0	7·0
Dover	or.oc	ot r.c	49	56	6	0·2	0·6	4·0
Tunbridge Wells	o	oroc	47	58	5	7	1·4	11·0
Ramsgate	obc	bcpbc	48	55	3	0·3	1·0	11·0
Margate	oco	opc	48	56	3	-	0·7	11·0
Deal	ro	o	48	63	5	-	0·4	11·0

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22840 WEDNESDAY 4th JUNE 1924.

Observations at 1300 G.M.T. 3rd / Observations at 1800 G.M.T. 3rd

Stations (For heights see p.4)	1300 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	1800 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	1016.3	+1	NNE	3	o	43	85	8	5700	St.Cu	7	A.st	10	•	1016.3	0	NW	2	o	43	75	8	5700	StCu	8	ASt	10	1
Stornoway	1019.4	0	NNE	3	c	48	65	7	2500	Cu	7	-	7	•	1018.6	-1	NNE	5	bc-	46	75	7	2500	Nb	5	-	5	2
Wick	1018.0	+1	NNW	2	c	43	92	8	2500	CuNb	8	-	8	•	1017.7	0	NW	2	c	45	75	8	2500	CuNb	8	-	8	0
Castlebay	1019.2	0	NNW	3	c	49	65	8	1500	St.Cu	8	-	8	•	1017.8	-2	NNW	3	b	50	65	8	4000	StCu	1	-	1	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.3	•	ENE	3	bc-	50	65	8	4000	Cu	2	CiCu	4	•
Aberdeen	1018.8	0	NW	3	cpr₀	49	75	8	2500	Cu	8	-	8	0	1018.4	0	SSE	2	c	46	85	7	4000	Cu	8	-	8	0
Malin Head	1018.7	-1	ENE	3	c	49	75	9	5700	St.Cu	4	Ci.st	7	•	1017.0	-2	ENE	3	b-	47	75	9	-	-	0	ACu	1	1
Renfrew	1018.3	-1	-	0	o	52	75	6	5700	St.	10	-	10	1	1016.1	-3	WSW	2	b-	56	75	8	5700	StCu	1	-	1	•
Edinburgh (Inchkeith)	1018.4	-1	ESE	2	c+	53	75	8	•	Cu	1	Ci.st	7	•	1016.2	-3	SE	2	c	52	65	8	•	-	0	ACu	7	0
Leuchars	1017.8	-1	SE	3	c+	52	65	8	4000	Cu	5	Ci.st	8	0	1016.7	-1	SSE	3	c	51	65	8	4000	StCu	7	ACu	8	•
Eskdalemuir	1017.6	-1	S'W	4	bc	53	55	8	4000	Cu	3	Ci	6	1	1016.4	-2	S'W	3	bc+	52	65	8	4000	StCu	4	ACu	5	•
Tynemouth	1018.6	0	E	3	bc	50	75	8	-	-	0	A.st	6	•	1018.3	-1	ESE	2	bc	48	75	8	800	St	3	ACu	5	2
Blacksod Point	1015.5	-1	NW	2	o	56	85	8	•	•	•	•	10	•	1013.9	-1	E'N	1	o	56	92	8	•	•	•	•	10	0
Donaghadee	1019.5	0	NE	3	bc+	48	75	8	-	-	0	Ci.st	6	•	1017.4	-2	SSE	2	bc-	49	75	8	800	StCu	2	ACu	4	2
Birr Castle	1016.7	*	SE	1	o	57	85	6	2500	Nb	9	-	9	•	1015.0	•	SE	2	o	59	85	6	2500	Nb	9	-	9	•
Holyhead	1019.1	-2	-	0	o	54	75	8	4000	St.Cu	10	-	10	0	1017.5	-2	SE'S	1	or₀r₀	52	97	5	800	Nb	10	-	10	0
Liverpool (Bidston)	1019.3	-1	WNW	1	o+	52	65	8	2500	CuNb	9	-	9	•	1017.1	-3	NNW	1	o	53	65	8	2500	StCu	10	-	10	2
Chester (Shotwick)	1019.2	-1	NW	2	o+	57	65	8	2500	St.Cu	10	-	10	1	1017.2	-1	NNW	1	od₀	55	75	7	4000	StCu	10	-	10	•
Harrogate	1018.3	+2	SW	3	bc	58	55	7	4000	Cu	2	Ci.st	5	•	1016.9	0	-	0	c	57	55	7	4000	Cu	3	ACu	8	•
Spurn Head	1018.9	-2	WSW	3	bc	58	65	6	4000	Cu	4	-	4	*	1017.2	-1	NE	2	c	52	92	6	-	-	0	ACu	8	2
Birmingham (Edgbaston)	1019.5	-2	SSW	2	o	55	65	7	4000	St.Cu	8	A.Cu	9	•	1017.9	-2	SW	2	o	55	85	8	2500	Nb	4	ASt	10	•
Cranwell	1019.7	-1	SW	3	c	59	65	7	4000	Cu	2	A-Cu	8	0	1017.8	-1	W'S	3	o+	57	75	7	-	-	0	ACu	9	•
Gorleston	1020.6	-1	S'E	5	c+	56	65	7	4000	Cu	7	-	7	•	1014.0	-2	S	5	c+	53	65	7	-	-	0	CiCu	8	1
Valencia (Cahirciveen)	1015.3	-2	SE'S	4	o/r	60	85	8	1500	St	8	Ast	10	1	1013.6	-2	S'E	3	o	59	85	7	800	St	8	ASt	10	1
Roches Point	1018.7	-1	SSW	1	o	56	92	6	1500	St.	10	-	10	•	1016.6	-3	SE	1	od₀d₀	54	97	4	<150	St	10	-	10	0
Pembroke (St. Ann's H.)	1019.2	-3	SW	3	o/r	54	85	7	-	-	0	A.st	10	•	1017.5	-3	SW	3	or	52	97	6	1500	Nb	10	-	10	3
Ross-on-Wye	1019.6	-1	SW'S	3	o	56	75	6	2500	Nb	3	Ast	10	1	1017.8	-2	S'W	1	od₀	55	85	6	-	-	0	ASt	9	•
Leafield	1019.8	-3	W	1	o+	55	85	8	1500	St	10	-	10	1	1018.4	-2	WSW	2	o/r	52	97	6	1500	CuNb	10	-	10	•
Andover	1020.5	-1	SW'W	4	o	55	85	7	1500	St.	10	-	10	1	1018.9	-2	SW'S	2	orr	54	97	6	450 (220 struck out)	Nb	10	-	10	•
S. Farnborough	1020.3	-1	WSW	3	o	60	65	7	4000	St.Cu	3	Ast	10	1	1018.7	-1	SW	3	or	50	85	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1020.0	-2	SW	2	c	60	55	7	5700	Cu	4	Ci	7	2	1018.5	-1	WSW	2	o	56	75	6	4000	StCu	10	-	10	•
Croydon	1020.0	-3	W	3	c	62	55	7	4000	Cu	3	Ci.st	8	1	1014.0	-1	SW	2	od₀d₀	54	85	6	800	Nb	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.9	-2	SE	4	o⊕	54	65	7	-	-	0	CiSt	10	2
Shoeburyness	1021.4	0	ESE	4	b	57	65	8	-	-	0	Ci	3	•	1018.4	-4	W	2	o+	57	65	6	2500	StCu	8	ASt	10	•
Felixstowe	1021.3	-1	S'E	3	bc	56	65	8	4000	Cu	1	Ci.st	5	1	1016.8	-3	S'E	3	o	54	65	8	-	-	0	ASt	9	1
Lympne	1021.1	-2	SE	2	c⊕	54	55	8	4000	Cu	1	Ci.st	8	0	1019.2	-2	S'W	3	o	52	85	7	4000	StCu	6	ASt	10	•
Scilly (St. Mary's)	1020.7	-1	SSE	2	opr₀	54	97	6	2500	Nb	10	-	10	•	1017.4	-3	S'E	3	or	53	97	6	2500	Nb	10	-	10	4
Falmouth (Pendennis)	1020.9	-1	SW	3	o	55	75	8	5700	St.Cu	10	-	10	•	1017.5	-2	SW	4	or₀+	54	92	7	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1020.9	-1	SW	3	o	58	85	8	2500	CuNb	5	Ci.st	9	0	1018.9	-2	SSW	4	or₀	53	92	8	800	Nb	9	ASt	10	1
Portland Bill	1020.8	0	SW	2	o	56	85	7	-	-	0	A.st	10	•	1019.2	-3	SW	2	ojp	53	92	7	-	-	0	ASt	10	3
Southampton (Calshot)	1021.1	-1	WSW	3	o	58	65	7	4000	St.Cu	10	-	10	0	1019.4	-2	SW'W	3	or₀	55	92	7	1500	Nb	10	-	10	0
Dungeness	1021.7	0	ESE	1	bc-	55	65	8	-	-	0	Ci.Cu	4	•	1020.5	-2	SW	3	c+	54	85	6	2500	St	5	CiCu	8	3
Guernsey	1021.0	-1	W	2	o	56	85	8	2500	CuNb	3	Ci.st	10	•	1020.0	-3	W	1	o/r	53	97	7	1500	St	1	ASt	9	0

London Observations.

24 Hours ended 0000 G.M.T. 4th

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. °F.	Min. °F.	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 } 24 hours ended 0700	18	czcy	cyoz	od₀mc	•	•	51	-	0.1	4.9	•	•	7
Croydon } 24 hours ended 0700	244	oc	coyd₀	od₀r₀o₀	•	•	49	tr	0.5	5.9	•	•	7
Greenwich (Royal Obsy.)	149	bcbc	bco	ordo	65	51	49	-	0.5	6.3	57	76	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4.2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	58	53	52	-	-		60	55	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	42	•	•	•
Camden Square	110	coc	co	⁝	64	52	50	-	0.5	•	•	75	•
Kensington Palace	80	bco	oo	•	62	•	51	-	0.3	•	(At 18h	81	•
Hampstead Observatory	450	•	•	•	60	50	49	1	tr	6.4	70)	71	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 3rd

South Kensington

Max.	Time.	Min.	Time.
1.3	17h. 2nd	0.3	1h. 3rd
0.6	9h. 3rd		

Kew Observatory

Max.	Time.	Min.	Time.
<0.3	1h. 3rd	<0.3	18h. 2nd
0.3	7h. 3rd		

Pole Star Record at Greenwich Obsy.

Exposure from 3rd 21 h. 30 m. to 4th 2 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4.45	0.0	-
δ Ursae Minoris	4.45	0.0	-

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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	Cg	7	3X	140°
18h.	-	-	-	-
7h.	-	-	-	-
7h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

4th & 5th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.36 / 3.34	11.51 / 11.51	8.7 / 8.8
Greenwich	3.48 / 3.47	11.58 / 11.56	8.8 / 8.9
Wick	3.14 / 3.13	12.10 / 12.10	9.7 / 9.8
Valencia	4.26 / 4.25	12.39 / 12.39	8.52 / 8.53

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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.
− = "decreasing" + = "increasing."

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

For explanation see Introduction. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 3rd	13h.-18h. 3rd	18h. 3rd to 1h. 4th	1h.-7h. 4th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 3rd Hours.
Lerwick	00	co	ocbc	bcpr	46	39	•	-	0.3	-	0330	1.5
Stornoway	c	c	bbc	bbc	50	34	•	-	-	-	-	6.6
Wick	c	c	bbc	bbc	49	34	•	0.1	-	<0800	-	•
Castlebay	c	cb	b	b	51	44	•	-	-	-	-	10.5
Nairn	bcpc	cbcq,b	bcw	bcb	51	34	•	0.5	-	1100	-	9.6
Aberdeen	bbcycpr	opfoc	cbc	bbcc	54	38	32	Trace	-	1230	-	6.7
Malin Head	coby	cov	cobcv	bccoz	49	44	•	-	-	-	-	5.4
Renfrew	cmwo	ochc	bb	bcffw	58	32	26	-	-	-	-	8.4
Edinburgh (Inchkeith)	c	c	bbc	bc	53	43	27	-	-	-	-	9.0
Leuchars	bcc	c	cbcc	co	55	41	35	-	-	-	-	9.2
Eskdalemuir	bbc	cybc	cb	bbw	56	32	28	-	-	-	-	10.8
Tynemouth	bbc	b	bbc	bc	51	44	38	-	-	-	-	•
Blacksod Point	oo	oo	oo	po	56	53	•	0.1	2	-	-	•
Donaghadee	c	c	bc	c	51	43	•	-	-	-	-	•
Birr Castle	co	co	oid.r	oid.r	60	53	52	-	0.2	-	<2100	0.0
Holyhead	oo	d.r.m	id.m	d.d.m	56	50	48	1	1	1430	<2100	2.9
Liverpool (Bidston)	bbcc	co	odf		55	49	45	-	0.5	-	<2100	6.0
Chester (Shotwick)	bcco	oo	od.	off	60	50	48	-	0.1	-	<2100	6.1
Harrogate	b.bc	b	r-d		59	42	44	-	-	-	-	12.0
Spurn Head	b.bc	c	oo	oo	59	46	•	-	-	-	-	9.0
Birmingham (Edgbaston)	c	co	oo	oo	58	50	48	-	-	-	-	2.8
Cranwell	c	c	cop.	opoir	60	48	44	-	0.3	-	2200	11.3
Gorleston	bbecq	c	co	cor	57	49	45	-	0.5	-	0430	13.1
Valencia (Cahirciveen)	or.d	o	obg	cir.	63	53	53	0.4	2	<0800	<2100	0.3
Roches Point	od.o	omd.d.	ddf	fddc	57	53	•	1	4	<0800	<2100	•
Pembroke (St. Ann's H.)	oq	oo	offd	orrfp	53	51	•	2	5	1730	<2100	0.0
Ross-on-Wye	ocodo	op.o	omcom	oor	57	52	50	0.2	1	1100	0630	1.8
Leafield	co	odorr	od	omo	64	49	49	0.6	0.1	1430	<2100	3.7
Andover	omo	orr	or.mo	oor.	59	49	47	4	0.2	1230	<2100	0.9
S. Farnborough	oco	oor	oro	oco	64	49	47	0.1	1	1730	<2100	2.6
London (Kew Obsy.)	cjey	cyoz	od.m	oco	62	52	51	-	0.1	-	<2100	4.9
Croydon	ocoby	coyd.	od.r.	oo	62	50	49	Trace	0.5	1730	<2100	5.9
Clacton-on-Sea	bc	beco	o	ozp	56	53	51	-	0.2	-	0330	10.6
Shoeburyness	bcb	bbeco	o	om	58	51	49	-	trace	-	-	9.1
Felixstowe	bybc	oyo	oco	op.rm	57	53	51	-	trace	-	0630	10.8
Lympne	c	cyo	orrf	or.	55	50	49	-	1	-	<2100	7.9
Scilly (St. Mary's)	op.	oifir	orffe	offd	55	52	•	3	3	<0800	<2100	0.0
Falmouth (Pendennis)	co	coro	or.r.	omdf	56	53	•	Trace	1	1630	<2100	0.0
Plymouth (Cattewater)	oo	oro	or.	oddd.dm	59	52	?	Trace	3	1630	0530	0.3
Portland Bill	c	oo	c	c	57	51	•	-	-	-	-	•
Southampton (Calshot)	oo	opr.or.	oir.o	oo	59	52	49	0.2	0.1	1330	<2100	0.2
Dungeness	c	c	p	or.	55	52	•	-	0.2	-	2400	•
Guernsey	co	oir.o	oir.o	omdoffe	59	49	•	0.2	2	1430	<2100	•

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	3rd 1010	Scotia	ESE	1	o	50	49
3	4th 0200	Dieppe	S	1	c	53	52
1	3rd 1200	Reindeer	WNW	2	c	57	52

GENERAL INFERENCE.

A depression is situated west or southwest of Iceland and a secondary over Ireland is moving slowly east-south-east. Winds will be variable with generally unsettled weather but fair period at first in Scotland

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 4th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable, light or moderate; mainly cloudy, some rain or drizzle, improving; visibility poor at times; rather cool.	None issued.
5. S.W. England 6. South Wales	Wind mainly W. or N.W., light or moderate; mainly fair, local showers; visibility moderate to good; rather cool.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly easterly, light or moderate; a good deal of cloud, some rain; visibility poor at times; rather cool.	
11. E. Scotland 12. S.W. Scotland	Wind variable or easterly, light; fair at first, risk of some rain or drizzle later; visibility poor locally; rather cool.	
13. Isle of Man	As 7 - 10.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light variable winds; mainly fair; visibility moderate or good; rather cool.	
17. N.W. Ireland 18. N.E. Ireland	Wind light variable; variable skies, local showers; visibility poor locally; rather cool.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.	

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

† For Code see opposite page.

SYNOPTIC CHART FOR 7h. WEDNESDAY, 4TH JUNE, 1924.

Scale - 1:10,000,000
Nautical Miles
Statute Miles

41 Fine
43 Fine
36 O'cast.
45 Fine
Barometric
HIGH
41 Cloudy
42 Showers
Changes
48 Fine
46 Cloudy
42 Fog
49 Fair
55 O'cast.
Bar.
LOW
52 Drizzle
Barometer
Commenced
To Rise 1012
54 O'cast.
52 Cloudy
MINNEDOSA
55 Sea 56 O'cast.
54 O'cast.
48 Fine
Slight
45 O'cast.
52 O'cast.
50 Cloudy
55 O'cast.
54 O'cast.
Falling
51 Drizzle
57 O'cast.
55 O'cast.
55 Rain
61 O'cast
55 O'cast.
Slowly.
59 Cloudy
66 O'cast.
LOW
41 O'cast.
998
1000
1002
1004
1006
1008
1010
1012
1014
1014
METAGAMA
31 Sea 31 Fine
92 Dip
44
46
46
48
47
50
55
53
55
51
44
52
52
50
44
47
49
42
45
R.M.R.

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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Velocity on the scale 0–12, is indicated by the number of feathers.
TEMPERATURE is given in ° F.
CLOUD SYMBOLS: ○ clear sky, ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ sky ¾ clouded; ● overcast sky; ● rain falling; ▲ hail; ≡ fog; ≡° mist; T thunder
SEA SURFACE: Rough. High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0	Dense fog.	Objects not visible at	55	yards.
1	Thick fog	" "	220	"
2	Fog	" "	550	"
3	Moderate fog.	" "	1,100	"
4	Mist or haze.	" "	1	miles.
5	Poor visibility.	" "	2	"
6	Moderate	" "	6	"
7	Good	" "	12	"
8	Very good	" "	31	"
9	Excellent.	" "	beyond 31	"

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Wednesday 4th June...1924. No. 156...

Observations at 0100 G.M.T. 4th

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	Upper Form.	Total Amt. 0-10
Lerwick	54	10150	-1	NW	1	b-	41	85	8	-	-	0	A.St	3
Stornoway	51	10183	-1	E	2	b-	•	•	7	•	•	•	•	•
Wick	81	10175	0	N	1	b	35	92	8	4000	Cu	1	-	1
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	31	10149	-1	ENE	3	b	48	85	9	5700	StC	1	C.C.	2
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	10161	+1	ESE	2	b-	45	85	8	•	-	0	C.St	2
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	10174	-1	SE	1	bc	43	85	7	800	St	4	-	4
Blacksod Point	10	10118	-1	-	0	o	55	97	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	10152	-3	SSE	1	c/r	52	97	7	1500	St	8	-	8
Liverpool (Bidston)	180	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	10165	-1	ENE	4	o	47	97	7	-	-	0	A.St	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	10168	-1	W	1	o	51	97	6	2500	StCu	10	-	10
Gorleston	13	10170	-2	WSW	2	c-	50	85	7	5700	StCu	7	-	7
Valencia (Cahirciveen)	30	10129	0	SW	1	mmo	56	92	6	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	10151	-2	SSE	2	ffo	52	97	2	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	395	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	54	•	•	•	•	•	•	•
Croydon	214	10172	-2	SW	2	o/r	51	97	7	1500	Nb	7	A.St	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10173	-2	SW	2	o/r	51	97	6	<150	Nb	10	-	10
Scilly (St. Mary's)	131	10140	-3	SW	2	ffo	54	97	2	1500	St	10	-	10
Falmouth (Pendennis)	206	10150	-2	SW	4	od	53	97	6	2500	Nb	10	-	10
Plymouth (Cattewater)	82	-	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	10167	-2	SW	2	o+	52	92	7	2500	Nb	10	-	10
Southampton (Calshot)	12	10169	-3	SW	3	o-	53	92	8	1500	St	10	-	10
Dungeness	21	10172	-2	S	2	or	53	92	8	-	-	0	A.St	10
Guernsey														

Observations at 0700 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	Upper Form.	Total Amt. 0-10
Lerwick	10140	0	W'N	2	bcjp	42	85	8	4000	StCu	4	-	4
Stornoway	10165	-1	E	1	b	48	75	8	4000	Cu	2	-	2
Wick	10156	+1	NW	1	bc	44	75	8	2500	CuNb	3	C	4
Castlebay	10151	0	NNE	4	b	49	75	8	4000	Cu	1	AC	2
Nairn	10165	•	NE	1	b	47	75	8	4000	Cu	3	-	3
Aberdeen	10170	-1	N	1	c	46	85	8	2500	StCu	7	-	7
Malin Head	10136	-1	ESE	4	bc	49	85	7	5700	StCu	2	AC	6
Renfrew	10147	0	-	0	ffbc	42	97	3	-	-	0	A.St	4
Edinburgh (Inchkeith)	10153	-1	SSE	1	bc	46	85	7	•	St	3	C	4
Leuchars	10158	-1	E	3	o	47	85	7	2500	StC	9	-	9
Eskdalemuir	10156	0	N	1	b	44	85	6	-	-	0	C	3
Tynemouth	10162	-1	SE	2	b-	48	75	7	1500	Nb	3	-	3
Blacksod Point	10106	0	N	2	o	55	92	8	•	•	•	•	10
Donaghadee	10154	0	E	3	bc+	50	85	8	450	St	6	-	6
Birr Castle	10102	•	SE	1	od	55	97	5	800	StCu	10	-	10
Holyhead	10133	-2	ESE	2	odd	52	97	5	800	St	10	-	10
Liverpool (Bidston)	10136	-1	E	2	ffo	52	92	3	1500	CuNb	10	-	10
Chester (Shotwick)	10138	-1	E	2	ffo	53	92	3	2500	St	10	-	10
Harrogate	10159	-2	SE	2	o	45	85	5	800	Nb	10	-	10
Spurn Head	10160	0	E	4	o	47	92	7	4000	StC	10	-	10
Birmingham (Edgbaston)	10143	-1	SW	1	o	53	92	6	2500	St	10	-	10
Cranwell	10160	[illegible]	ENE	2	or-	49	97	6	800	Nb	10	-	10
Gorleston	10158	-1	NEN	3	c/r	50	92	6	5700	Nb	5	AC	7
Valencia (Cahirciveen)	10122	+1	NW	4	o	54	92	7	800	St	10	AC	10
Roches Point	10132	0	-	0	c-	55	92	8	1500	Nb	5	-	7
Pembroke (St. Ann's H.)	10117	-6	SE	3	(c)	52	92	7	1500	Nb	8	-	8
Ross-on-Wye	10139	-1	-	0	orr	53	92	6	1500	Nb	10	-	10
Leafield	10150	-1	S	2	o/r	51	97	6	800	St	10	-	10
Andover	10151	-2	SSE	2	orr	51	97	7	800	Nb	10	-	10
S. Farnborough	10154	-1	SSW	2	o	53	92	7	1500	St	10	-	10
London (Kew Obsy.)	10154	-1	SSW	3	o	55	85	7	800	Cu	7	AC	9
Croydon	10158	-1	SW'S	2	o	54	85	7	1500	StCu	10	-	10
Clacton-on-Sea	10155	-1	W	2	o	55	92	6	5700	StCu	10	-	10
Shoeburyness	10159	-1	WSW	1	o	55	85	5	4000	StC	10	-	10
Felixstowe	10155	-2	-	0	o	55	85	6	600	St	10	-	9
Lympne	10159	-1	SW'S	1	o/r	52	97	7	450	StC	9	-	10
Scilly (St. Mary's)	10121	-2	WSW	3	o/f	54	97	6	1500	St	10	-	10
Falmouth (Pendennis)	10126	-2	W	2	Fo+	54	97	1	220	St	10	-	10
Plymouth (Cattewater)	10119	-3	SE	5	occm	52	97	6	<150	Nb	10	-	10
Portland Bill	10133	-4	SE	3	o	52	92	7	2500	Nb	10	A.St	10
Southampton (Calshot)	10152	-1	S'E	3	o	54	85	8	2500	St	6	C.C.	10
Dungeness	10159	-1	WSW	2	orr	53	92	7	2500	Nb	10	-	10
Guernsey	10147	-4	SSE	3	odd	51	97	1	220	St	10	[illegible]	[illegible]

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

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night. 2nd-3rd °F	Temperature Max. Day. 3rd °F.	Rainfall† Night 17h.-9h. 2nd-3rd mm.	Rainfall† Day 9h.-17h. 3rd mm.	Sunshine Sunrise to 17h. 3rd	Sunshine Sunrise to Sunset. 2nd hr.
Berwick-on-Tweed	cbcbc	bcbcc	43	48	-	-	7.2	8.7
Douglas (I.o.M.)	b	cd	39	55	-	-	8.6	8.8
Llandudno	cbc	obco	41	55	-	-	4.2	6.6
Colwyn Bay	bc	bcc	43	55	-	-	4.6	6.2
Rhyl	bc	obc	41	58	-	-	7.7	5.6
Southport	bcbbc	bcco	46	55	-	-	8.8	[illegible]
Blackpool	bcc	bcc	45	56	-	-	8.7	1.9
Ilkley	bc	bcb	36	60	-	-	11.6	2.1
Skegness	xb	bcb	36	62	-	-	11.5	2.3
Aberystwyth	cbb	o	41	56	2	-	1.5	4.5
Bath	od	rr	44	56	-	3	0.0	4.6
Leamington Spa	cb	cbo	42	45	-	-	3.9	4.5
Lowestoft	b	bco	39	57	6	-	10.3	2.2
Felixstowe	b	bo	39	55	2	-	10.8	2.0
Harwich & Dovercourt	b	bcco	41	57	2	-	10.4	3.0
Southend	bbc	bbcc	44	60	2	-	9.2	1.8

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night. 2nd-3rd °F	Temperature Max. Day. 3rd °F.	Rainfall† Night 17h.-9h. 2nd-3rd mm.	Rainfall† Day 9h.-17h. 3rd mm.	Sunshine Sunrise to 17h. 3rd
Ilfracombe	o	o	49	56	Trace	-	0.0
Bude	co	co	50	58	-	Trace	0.0
Paignton	o	copor	49	62	-	-	0.4
Torquay	c	coro	50	62	-	Trace	0.2
Jersey	cr	cr	51	60	-	-	2.0
Weymouth	o	o	46	66	-	-	0.1
Bournemouth	o	o	45	58	3	Trace	0.0
Portsmouth (S'thsea)	obc	od	50	61	-	-	1.1
Littlehampton	obcm	o	48	55	1	-	0.7
Worthing	oco	co	48	62	1	-	1.3
Brighton	o	o	47	57	1	-	1.6
Eastbourne	oc	bcco	46	57	0.2	-	2.6
Hastings	oc	cbcco	47	56	0.3	-	3.4
Folkestone	co	bc	47	58	2	-	7.4
Dover	bcbc	bcco	47	58	0.3	-	8.8
Tunbridge Wells	oc	co	45	61	6	-	2.8
Ramsgate	bbc	bco	46	56	1	-	10.0
Margate	bcb	bbcc	47	56	3	-	11.0
Deal	bcb	bbco	47	58	1	-	9.0

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22841 THURSDAY 5TH JUNE 1924.

Observations at 1300 G.M.T. 4th — Observations at 1800 G.M.T. 4th

STATIONS. (For heights see p.4).	1300: 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	1800: 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	1014.2	+1	NW	2	cjp	49	65	8	4000	CuNb	8	-	8	*	1015.1	+2	NW	2	bc	47	75	8	4000	Cu	6	-	6	1
Stornoway	1016.8	0	ENE	3	bc	51	65	8	4000	Cu	4	-	4	*	1017.1	+1	ENE	3	b-	49	65	8	4000	Cu	2	-	2	2
Wick	1015.8	0	NW	3	c	51	65	8	2500	CuNb	5	Ci	7	*	1016.2	0	NW	2	b	46	65	8	2500	Cu	3	-	3	0
Castlebay	1015.3	0	ENE	3	bc	54	65	8	-	-	0	ASt	6	*	1015.4	0	NNE	2	b	51	65	8	4000	Cu	1	-	1	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.2	*	E	2	bc	52	65	8	4000	Cu	4	-	4	*
Aberdeen	1016.6	0	SSE	3	bc	52	65	7	2500	StCu	5 (red: 2)	-	8 (red: 2)	0	1016.9	0	SE	2	c	47	75	7	2500	Cu	8	-	8	0
Malin Head	1013.9	0	E	4	c	51	75	8	5700	StCu	2	CiSt	7	*	1014.6	+1	ENE	3	b	51	75	8	-	-	0	ACu	1	0
Renfrew	1014.0	-1	NE	2	bc+	59	55	6	5700	Cu	6	-	6	0	1014.1	+0	E	3	bc-	56	65	7	5700	Cu	3	Ci	4	*
Edinburgh (Inchkeith)	1014.7	-1	E	3	bc	53	75	8	*	Cu	1	CiSt	5	*	1014.3	-2	E	3	bc	53	85	8	*	-	0	ACu	4	1
Leuchars	1015.9	0	E	3	bc-	52	75	7	4000	StCu	2	Ci	5	0	1015.4	-1	ESE	4	c+	50	65	8	-	-	0	ACu	7	*
Eskdalemuir	1013.4	-0	NE	1	c	58	45	6	4000	Cu	7	-	7	1	1014.1	+1	SE	3	o	52	75	6	4000	StCu	8	ASt	10	*
Tynemouth	1016.2	0	SE	3	bc+	50	75	7	800	St	3	ACu	5	*	1015.1	-1	SE	3	bc+	48	75	7	800	St	3	ACu	6	1
Blacksod Point	1011.9	+1	NE	2	c	57	85	8	*	*	*	*	7	*	1013.6	+2	N	2	bc-	56	85	8	*	*	*	*	6	4
Donaghadee	1014.9	0	-	0	c+	52	75	8	-	-	-	CiSt	8	*	1014.9	0	-	0	b-	55	65	8	450	St	3	-	3	0
Birr Castle	1011.3	*	SE	1	od₀	58	92	6	2500	Nb	10	-	10	*	1011.8	*	SE	1	c-	60	85	7	4000	Nb	8	-	8	*
Holyhead	1012.5	-1	WNW	3	o	54	92	6	2500	StCu	10	-	10	1	1012.2	-0	N	4	bc-	55	85	6	4000	Cu	4	-	4	1
Liverpool (Bidston)	1012.7	-1	E	2	om-	56	75	4	1500	CuNb	10	-	10	*	1012.8	-0	E'S	3	om+	55	75	4	1500	St	10	-	10	3
Chester (Shotwick)	1012.8	-1	ESE	2	o	~~48~~ (red: 58)	85	5	1500	St	10	-	10	1	1012.9	+0	E	2	o	56	85	6	1500	St	10	-	10	*
Harrogate	1014.9	-2	ESE	2	o	51	75	5	1500	St	10	-	10	*	1014.9	0	ESE	2	o	49	75	5	1500	St	10	-	10	*
Spurn Head	1015.8	-1	E	4	o	50	85	7	4000	Cu	9	-	9	*	1015.4	-1	E	5	o	48	92	7	4000	StCu	10	-	10	3
Birmingham (Edgbaston)	1013.0	-1	SSE	2	or	55	92	8	2500	Nb	7	ASt	10	*	1012.3	-1	E	2	orr	53	97	5	800	Nb	10	-	10	*
Cranwell	1014.7	-1	E'S	3 (red)	o/r	54	92	8	1500	StCu	10	-	10	1	1014.6	-1	E	3	or₀	50	97	7	800	Nb	10	-	10	*
Gorleston	1015.7	0	E	4	c	54	75	6	5700	Cu	7	-	7	*	1015.3	-1	E	4	o	52	85	7	5700	Cu	10	-	10	1
Valencia (Cahirciveen)	1013.2	+0	WNW	3	bc-	58	85	8	1500	St	5	-	5	0	1014.6	+1	NNW	3	o+	56	85	8	1500	StCu	9	-	9	3
Roches Point	1012.6	0	SE	1	o-	57	97	8	2500	CuNb	9	-	9	*	1013.5	+2	SE	1	c-	58	55	8	2500	CuNb	8	-	8	0
Pembroke (St. Ann's H.)	1010.6	0	ESE	3	oRR	52	97	4	800	Nb	10	-	10	*	1011.2	+2	NE	3	cPR-	54	92	8	1500	StCu	8	-	8	4
Ross-on-Wye	1012.1	-2	ESE	2	or-	56	85	7	2500	Nb	10	-	10	2	1011.1	-1	E	2	o/r	54	97	7	2500	Nb	10	-	10	*
Leafield	1013.1	-2	SSW	2	orr	58	97	6	1500	CuNb	10	-	10	2	1011.5	-2	E	3	orr	52	97	5	800	St	10	-	10	*
Andover	1012.7	-3	SE'E	3	orr	53	97	6	800	Nb	10	-	10	2	1010.2	-2	SE'E	3	orr	52	97	6	800	Nb	10	-	10	*
S. Farnborough	1013.3	-2	SE	3	orr	55	92	6	800	Nb	10	-	10	2	1011.2	-2	ESE	3	orr	52	97	6	450	Nb	10	-	10	*
London (Kew Obsy.)	1014.1	-1	SSE	2	orr	55	85	6	1500	Nb	5	ASt	10	2	1011.8	-3	E	3	orr	54	92	6	800	Nb	10	-	10	*
Croydon	1014.5	-0	SSW	2	orr	54	92	6	2600	Nb	9	ASt	10	2	1012.1	-3	SE	2	orr	52	97	6	1500	St	8	ASt	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.5	-2	SE	2	or₀r₀	55	92	6	1500	St	10	-	10	0
Shoeburyness	1014.8	-1	SSW	2	or₀	57	75	6	800	StCu	10	-	10	*	1013.0	-3	ESE	1	or₀r₀	54	85	8	1500	Nb	10	-	10	*
Felixstowe	1014.6	-1	ESE	2	o	57	85	6	4000	StCu	9	ASt	10	0	1013.7	-1	-	0	or₀r₀	55	92	6	1500	Nb	7	ASt	10	0
Lympne	1015.0	0	SW	2	o	55	75	8	4000	StCu	7	ASt	10	1	1012.9	-3	ENE	1	or₀r₀	52	85	6	1500	Nb	10	-	10	*
Scilly (St. Mary's)	1011.5	0	NW	4	c-	58	97	8	4000	StCu	8	-	8	*	1012.4	+1	WNW	4	o+	55	92	7	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1010.7	-1	W	4	om-	57	97	6	2500	St	10	-	10	*	1009.8	-1	WNW	4	o/r	55	97	7	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1010.4	-1	SW	4	o/r	55	92	6	<150	St	10	-	10	2	1009.4	-1	W	5	od₀	56	85	8	1500	Nb	10	-	10	2
Portland Bill	1010.4	-4	S	3	orr	53	92	6	2500	Nb	10	-	10	*	1008.9	-2	S	2	oF+	53	97	1	450	St	10	-	10	3
Southampton (Calshot)	1012.7	-3	SE'S	4	or-	54	92	6	800	Nb	10	-	10	2	1010.0	-3	S	4	odd	55	97	5	450	Nb	10	-	10	0
Dungeness	1015.1	-1	WSW	2	o	54	85	8	5700	StCu	10	-	10	*	1012.9	-2	ESE	2	or₀r₀	52	92	7	4000	Nb	6	CiSt	10	3
Guernsey	1012.7	-2	SW	3	od,d₀	55	97	1	220	St	10	-	10	*	1011.1	-2	SW	3	o/r	54	97	7	800	StCu	10	-	10	2

LONDON OBSERVATIONS.

Station	Height above M.S.L. in feet	Weather: Morning	Weather: Afternoon	Weather: Night	Temperature: Max. °F.	Temperature: Min. °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 0900 G.M.T. 5th											
Kew (24 hours ended 0700)	18	oor	or	ormorr	*	*	50	7	9	0.0	*	*	6
Croydon (24 hours ended 0700)	244	orr₀rr	orr₀	orr₀dm	*	*	49	6	10	0.2	*	*	6
Greenwich (Royal Obsy.)	149	or	or	orr₀	61	49	49	7	5	0.1	88	80	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	60	50	50	13		0.0	85	75	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	o or	or	*	58	49	48	7	7	*	*	78	*
Kensington Palace	80	or	or	*	60	*	49	7	7	*		80	*
Hampstead Observatory	450	*	*	*	56	47	48	12	3	0.0	At 18h 93	85	*

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 4th

South Kensington

Max.	Time.	Min.	Time.
1.3	17h. 3rd	<0.3	1h. 4th
0.6	14h. 4th		

Kew Observatory

Max.	Time.	Min.	Time.
<0.3 all day			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4th 21 h. 30 m. to 5th 02 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4.45	0.0	nil
δ Ursae Minoris	4.45	0.0	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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

5th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3 34 3 34	11 51 11 51	8 8 8 9
Greenwich	3 47 3 47	11 58 11 58	8 9 8 9
Wick	3 13 3 12	12 10 12 10	9 8 9 9
Valencia	4 25 4 25	12 39 12 39	8 53 8 54

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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; − = "decreasing" + = "increasing."

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.

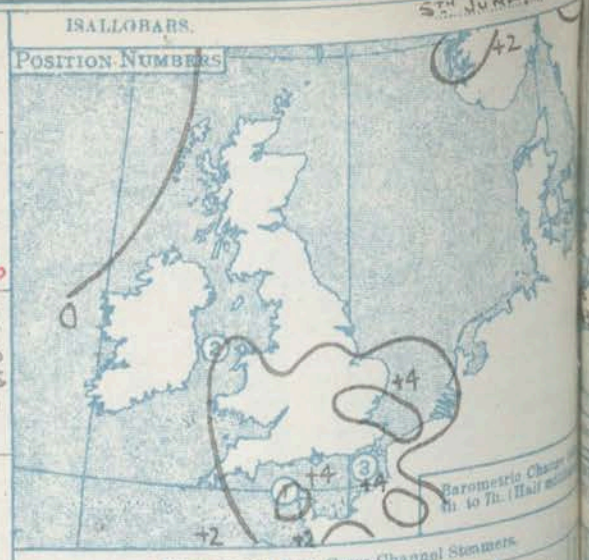
¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 4th	Weather. 13h.-18h. 4th	Weather. 18h. 4th to 1h. 5th	Weather. 1h.-7h. 5th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day 7h.-18h. mm.	Rainfall.† Night 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began	Sun 4th Hours.
Lerwick	bccpr	cprbc	bcb	bc	49	36	.	Trace	-	<0800	-	11.7
Stornoway	b-bc	b-bc	bbc	bbc	51	49	.	-	-	-	-	14.8
Wick	c	c	c	oo	52	40	.	-	-	-	-	.
Castlebay	bbc	bcb	b	b	54	46	.	-	-	-	-	15.4
Nairn	bbc	bcz	bcc	cg	54	35	.	-	-	-	-	14.7
Aberdeen	c	bbcc	cbbcc	c	52	39	36	-	-	-	-	6.5b
Malin Head	coz	cobc	bc	bc	53	43	.	-	-	-	-	12.3
Renfrew	fbbc	bc	bcc	com	60	43	41	-	-	-	-	12.0
Edinburgh (Inchkeith)	bc	bc	c	c	54	44	39	-	-	-	-	13.0
Leuchars	b-bc	bcc	coc	c	52	37	32	-	-	-	-	10.5
Eskdalemuir	bbcc	cyo	oc	cowm	60	38	36	-	-	-	-	9.1
Tynemouth	b-bc	b-bc	bbc	bbc	50	45	40	-	-	-	-	.
Blacksod Point	cc	cbc	oo	ogc	59	50	.	0.2	0.5	-	-	.
Donaghadee	c	cbx	bc	bcc	56	48	.	-	-	-	-	.
Birr Castle	oid.	copr	co	oc	65	50	40	3	-	16.30	-	2.5
Holyhead	d.om	com	becm	oo	60	48	44	Trace	-	<0800	-	2.1
Liverpool (Bidston)	fd.om	dom		om	57	47	45	Trace	-	0900	-	0.0
Chester (Shotwick)	ofd.tom	ommo	omom	om	60	46	40	Trace	-	11.00	-	0.0
Harrogate	oo	oo		bbc	52	38	34	-	-	-	-	0.0
Spurn Head	c	c	cbc	c	50	45	.	-	-	-	-	0.6
Birmingham (Edgbaston)	oir	orrR	or.	oo	56	45	45	9	0.3	11.00	<2100	0.0
Cranwell	or.do	oir.	r.o	oc	56	42	38	0.2	2	<0800	<2100	0.3
Gorleston	co	copr	or	oq	56	48	46	Trace	1	15.30	<2100	2.5
Valencia (Cahirciveen)	ocbc	bcco	o	oc	60	53	51	-	-	-	-	4.2
Roches Point	cotro	ctRc	cbc	bwo	62	51	.	12	0.1	1100	-	*
Pembroke (St. Ann's H.)	orrf	ofrr	bbc	bbc	54	47	.	12	-	<0800	-	1.4
Ross-on-Wye	rr	r.r.ord	oo	ofm	57	49	49	7	Trace	<0800	0430	0.0
Leafield	rr	orr	orro	ofm	60	46	47	10	2	<0800	<2100	0.0
Andover	orr	orr	orr	orro	54	50	50	11	2	<0800	<2100	0.0
S. Farnborough	od.r.r	orr	orr	orro	56	49	50	10	8	1100	<2100	0.1
London (Kew Obsy.)	oor	or	ormo	orm	60	49	50	7	9	0900	<2100	0.0
Croydon	or.r.rr	orr.	orr.	or.d.m	57	50	49	6	10	0900	<2100	0.2
Clacton-on-Sea	oz	ozgr	ogr	ogr	60	51	50	2	3	14.30	<2100	1.0
Shoeburyness	omor	or.r	or.r	orro	60	50	49	2	6	1100	<2100	0.0
Felixstowe	oom	or.r.	or.r.	or.d.	59	49	49	1	4	14.30	<2100	0.0
Lympne	oo	or.	oRr	oRr	55	49	48	0.5	10	16.30	<2100	0.1
Scilly (St. Mary's)	oif	yo	ocbc	b	60	50	.	-	-	-	-	2.2
Falmouth (Pendennis)	Fomd	comd	co	cbcb	59	52	.	1	-	13.30	-	0.0
Plymouth (Cattewater)	omr mor	d.	od.b	bcco	59	52	48	5	Trace	<0800	<2100	0.4
Portland Bill	r-d	f-m	F	oo	56	52	.	9	-	<0800	-	.
Southampton (Calshot)	orr	orrddm	r-d.	od.o	55	52	51	19	2	0900	<2100	0.0
Dungeness	oo	r-d	r-d.	ogr	54	51	.	1	6	13.30	<2100	.
Guernsey	orrfdd	oRo	r.r.o	oFFe	56	51	.	7	1	<0800	<2100	*

† For Code see opposite page.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	4th 1010	SLOTIA	SE	1	or	51	49
3	5th 0100	BRIGTON	E	4	o/r	54	52

GENERAL INFERENCE.

The depression recently over Southern England has passed away to France and is filling up while a larger depression on the Atlantic is approaching our western coasts. Fair weather is probable today in Scotland and mainly fair weather over England but on our western coasts a renewal of unsettled weather is probable before long.

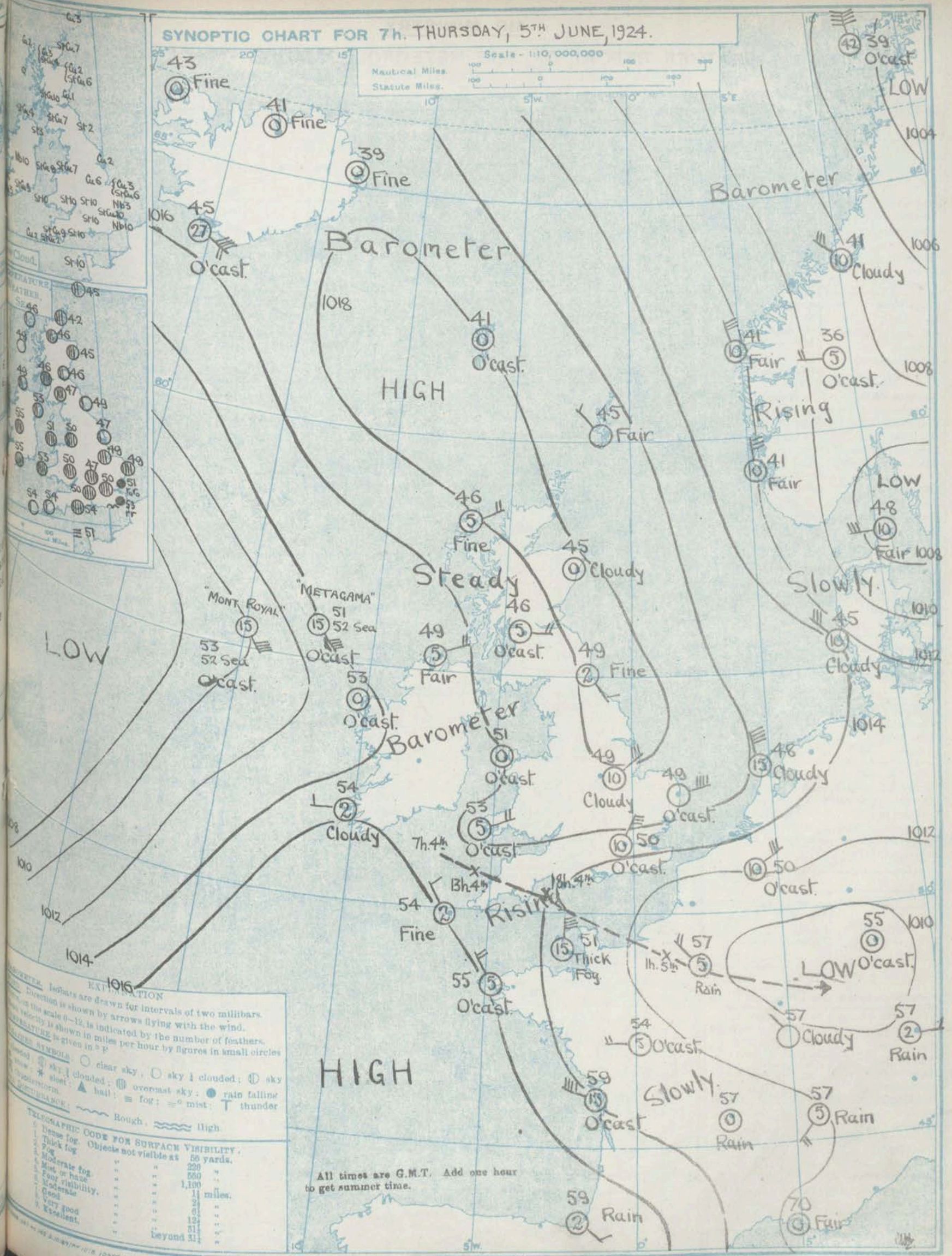
Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 5th June, 1924.

Districts.	Forecasts	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands	Wind N.E., moderate, becoming southerly to southwesterly tomorrow; cloudy to fair; visibility good apart from morning mist; slightly warmer.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales	Wind light and indefinite, becoming southerly to southwesterly, light to moderate; fair at first, cloudier later with slight rain in places; visibility good apart from morning mist; slightly warmer.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind southerly, light to moderate, freshening later; fair at first, cloudier later with slight rain in places; visibility moderate or good; slightly warmer.	
10. N.E. England	Wind mainly southerly, light to moderate; cloudy to fair; visibility good apart from morning mist; slightly warmer.	
11. E. Scotland 12. S.W. Scotland	Wind east, veering towards south, light or moderate; fair; visibility good apart from morning mist; moderate temperature.	
13. Isle of Man	As 7 - 9.	
14. N.&N.W. Scotland 15. Hebrides	Wind east, veering towards south, moderate at first, freshening later; fair, becoming dull; visibility good; moderate temperature.	
16. Orkneys and Shetlands	Wind light and indefinite; fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, light to moderate, freshening; cloudy, some rain later; visibility moderate to good; moderate temperature.	

CN

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 Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.......Thursday 5th June.......1924. No. 157.....

Observations at 0100 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.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10
Lerwick	54	1016·1	0	NW	1	b	38	92	8	5700	StCu	2	A.St	3
Stornoway	51	1018·3	+1	NE	3	bc	•	•	6	•	•	•	•	•
Wick	81	1017·0	0	NW	1	o	42	75	8	4000	StCu	9	-	9
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1015·6	+1	S	1	b	45	85	8	-	-	0	A.Cu	2
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1016·1	+2	E	2	c+	45	92	8	•	St.Cu	6	A.Cu	8
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1017·1	+1	SE	2	b-	45	85	7	800	St	3	-	3
Blacksod Point	10	1013·7	0	N	2	o	52	92	7	•	•	•	•	10
Donaghadee	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	28	1014·4	+2	E'S	1	c	52	92	6	2500	StCu	7	-	7
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	-	•	•	•
Spurn Head	26	1016·3	+1	E	4	o	46	92	7	4000	StCu	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	297	1016·2	+1	ENE	2	o	46	97	7	1500	StCu	10	-	10
Gorleston	13	1015·3	0	NE'E	5	odd	49	92	7	4000	Nb	10	-	10
Valencia (Cahirciveen)	30	1016·0	+1	-	0	o	54	92	7	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1014·6	+2	NE	2	b	51	92	8	-	-	0	-	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	53	•	•	•	•	•	•	•
Croydon	244	1012·4	+1	E	3	or,r,	51	97	6	800	Nb	10	-	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1012·2	0	NNE	3	oRR	51	97	6	800	Nb	10	-	10
Scilly (St. Mary's)	131	1015·4	+2	NW'N	3	b-	52	97	8	-	-	0	-	0
Falmouth (Pendennis)	200	1014·9	+4	NNW	3	c+	53	92	7	4000	StCu	7	-	7
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1009·8	+1	NNE	4	o/f	53	97	6	1500	St	10	-	10
Southampton (Calshot)	12	1011·2	+1	NE	4	odd	53	92	6	450	Nb	10	-	10
Dungeness	21	1012·1	0	E	2	orr	52	97	6	2500	Nb	10	-	10
Guernsey														

Observations at 0700 G.M.T. 5

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
Lerwick	1016·9	0	NW	1	bc	45	65	8	4000	Cu	3	A.Cu	4
Stornoway	1017·5	0	ENE	2	b-	46	75	9	4000	Cu	2	-	2
Wick	1017·5	0	N	1	c-	42	75	8	5700	St.Cu	7	-	7
Castlebay	1015·8	0	ENE	4	b	49	75	8	-	-	0	-	0
Nairn	1017·5	•	E	1	c+	46	75	8	4000	St.Cu	7	-	7
Aberdeen	1018·1	+1	-	0	c	45	75	8	2500	St.Cu	8	-	8
Malin Head	1015·2	0	ENE	2	bc+	49	92	8	5700	St.Cu	4	A.Cu	5
Renfrew	1017·0	+1	E	2	o	46	85	4	4000	St.Cu	10	-	10
Edinburgh (Inchkeith)	1016·9	+2	E	2	bc	46	85	8	•	Cu	1	A.Cu	6
Leuchars	1017·1	0	ENE	3	c	46	85	7	450	St	8	-	8
Eskdalemuir	1017·1	+1	-	0	o-	47	85	6	5700	St.Cu	7	A.St	9
Tynemouth	1017·7	+1	SE	1	b	49	75	6	1500	St	2	-	2
Blacksod Point	1013·5	0	-	0	o-	53	92	7	•	•	•	•	10
Donaghadee	1016·3	0	-	0	bc+	53	75	8	450	St	3	A.Cu	6
Birr Castle	1014·5	•	SE	1	o+	55	97	6	2500	Nb	10	-	10
Holyhead	1015·9	+2	-	0	o	51	97	6	7200	St.Cu	9	•	9
Liverpool (Bidston)	1016·8	+1	ESE	2	o/f	50	85	6	4000	St.Cu	7	A.Cu	10
Chester (Shotwick)	1016·6	+1	SE'S	2	o-	50	85	6	800	St.Cu	9	-	9
Harrogate	1017·9	+1	SE	1	bc	47	75	5	1500	Cu	3	A.Cu	4
Spurn Head	1018·3	0	ESE	3	b	47	92	7	4000	Cu	2	-	2
Birmingham (Edgbaston)	1017·2	+3	NE	3	o	47	92	5	1500	St	10	-	10
Cranwell	1017·4	+3	NE'E	3	c	49	85	8	2500	Cu	6	A.Cu	8
Gorleston	1016·5	+1	ENE	4	o-	49	85	7	4000	St.Cu	9	-	9
Valencia (Cahirciveen)	1016·0	+1	W	1	c-	54	89	8	5700	St	8	-	8
Roches Point	1016·1	+1	-	0	o	55	97	8	2500	St.Cu	9	-	9
Pembroke (St. Ann's H.)	1016·1	+3	ENE	2	o-	53	85	6	?	St	10	-	10
Ross-on-Wye	1016·5	+3	E'N	2	o	50	92	5	800	St	10	-	10
Leafield	1016·2	+3	ENE	3	o/f	47	97	6	1500	St	10	-	10
Andover	1015·1	+3	NE'N	3	o	52	92	7	800	St	10	-	10
S. Farnborough	1014·7	+3	NE	3	o	50	97	6	450	St	10	-	10
London (Kew Obsy.)	1015·6	+4	NNE	3	o	50	85	6	800	St.Cu	10	-	10
Croydon	1015·2	+4	NE'N	3	o/r	50	92	6	450	Nb	10	-	10
Clacton-on-Sea	1014·9	+4	NE	3	or,r	51	92	6	1500	Nb	3	A.St	10
Shoeburyness	1014·9	+2	ENE	4	o/r	53	85	8	1500	St	8	A.St	10
Felixstowe	1015·6	+2	NE'N	4	od	51	85	7	1500	St	10	-	10
Lympne	1013·7	+3	NNE	4	o/f	51	97	6	220	Nb	10	-	10
Scilly (St. Mary's)	1016·3	+1	NW'N	1	b	54	97	7	4600	Cu	2	-	2
Falmouth (Pendennis)	1015·9	+2	N	2	b	54	92	7	5700	St.Cu	2	-	2
Plymouth (Cattewater)	1015·5	+3	NW	3	o	55	85	7	1500	St.Cu	9	-	9
Portland Bill	1013·4	+4	NE	3	o	54	92	7	1500	St	10	-	10
Southampton (Calshot)	1014·6	+3	NE'N	4	o	54	85	6	1500	St	10	-	10
Dungeness	1012·8	+2	E	5	orr	53	97	6	1500	Nb	10	-	10
Guernsey	1013·3	+4	N	4	FFo	51	97	1	220	St	10		10

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 5–4 °F.	Temperature Max. Day 4 °F.	Rainfall† Night 17h.–9h. 5–4 mm.	Rainfall† Day 9h.–17h. 4th mm.	Sunshine Sunrise to 17h 4th	Sunshine Sunrise to Sunset 3rd hr.
Berwick-on-Tweed	beqbe	bcbev	42	50	-	-	9·6	7·6
Douglas (I o M)	or	or	47	55	4	1	0·0	8·6
Llandudno	o	odo	50	58	3	0·1	0·0	4·2
Colwyn Bay	c	co	50	57	-	-	0·0	4·6
Rhyl	od	od	51	60	1	-	0·1	7·7
Southport	o	oco	49	58	1	-	0·0	8·8
Blackpool	o	o	48	58	0·4	-	0·0	9·0
Ilkley	o	bc	43	54	0·3	-	0·0	12·3
Skegness	odo	odo	48	54	Trace	Trace	1·0	11·8
Aberystwyth	ror	o	46	60	10	6	0·0	1·5
Bath	rr	rr	52	56	3	6	0·0	0·0
Leamington Spa	o	opd	52	60	-	3	0·0	3·9
Lowestoft	o	o	48	55	0·2	-	0·6	10·3
Felixstowe	oor	oor	52	59	-	1	0·0	10·8
Harwich & Dovercourt	odo	codro	52	61	-	1	0·0	10·4
Southend	ocr	oorr	53	60	-	2	0·1	9·2

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 5–4 °F.	Temperature Max. Day 4 °F.	Rainfall† Night 17h.–9h. 3–4 mm.	Rainfall† Day 9h.–17h. 4 mm.	Sunshine Sunrise to 17h. 4	Sunshine Sunrise to Sunset
Ilfracombe	co	ord mr	53	59	5	4	0·0	[illegible]
Bude	d	d	53	57	2	2	0·0	[illegible]
Paignton	odmp	odbcc	52	63	2	3	1·4	[illegible]
Torquay	r	pocbc	51	63	2	3	1·4	[illegible]
Jersey	r	r	51	58	5	2	0·0	[illegible]
Weymouth	r	rod	51	57	3	10	0·0	[illegible]
Bournemouth	r	r	51	55	0·3	17	0·0	[illegible]
Portsmouth (S'thsea)	orr	orr	51	55	0·5	19	0·0	[illegible]
Littlehampton	o	orr	52	57	2	8	0·0	[illegible]
Worthing	or	rR	52	57	1	9	0·0	[illegible]
Brighton	oor	or	53	56	7	4	0·1	[illegible]
Eastbourne	orr	orr	52	56	1	2	0·0	[illegible]
Hastings	o	or,o	52	55	1	1	0·0	[illegible]
Folkestone	o	od	51	58	1	0·2	0·0	[illegible]
Dover	co	or,	52	56	0·4	0·4	0·7	[illegible]
Tunbridge Wells	o	odr	50	57	1	2	0·0	[illegible]
Ramsgate	o	od	51	59	0·2	1	0·0	[illegible]
Margate	o	or	52	60	-	0·3	0·0	[illegible]
Deal	oco	or	51	61	1	-	0·7	[illegible]

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22842 Friday 6th June 1924. Page 1.

Observations at 1300 G.M.T. 5th / Observations at 1800 G.M.T. 5th

STATIONS. (For heights see p.4).	13h 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 Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground	18h 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 Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1017.5	+1	NNE	1	cpro	46	75	8	4000	CuNb	8	-	8	•	1018.5	+1	ENE	2	bcjp	45	75	8	4000	Cu	6	-	6	1
Stornoway	1017.2	0	ENE	4	b	50	65	8	4000	Cu	2	-	2	•	1016.2	-1	ENE	4	b	48	75	8	4000	Cu	2	ACu	3	3
Wick	1018.1	+1	ESE	1	b	46	75	8	2500	Cu	3	-	3	•	1018.4	0	ESE	1	b	45	75	8	4000	Cu	1	CiSt	2	0
Castlebay	1015.7	0	NE	4	c	53	65	7	4000	St	3	ACu	7	•	1014.5	-1	ENE	4	o	52	75	6	1500	St	10	-	10	3
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.6	•	NE	3	bc	49	75	8	4000	Cu	3	ACu	5	•
Aberdeen	1019.1	+1	E	3	c	50	75	8	4000	StCu	7	-	7	0	1019.3	0	SE	2	c	47	75	7	4000	StCu	8	-	8	0
Malin Head	1014.9	0	NE	1	oro	52	85	7	4000	CuNb	7	ASt	10	•	1013.8	-2	E	2	oR	54	92	5	4000	Nb	6	ASt	10	0
Renfrew	1016.5	-1	NE	2	o	58	65	6	4000	StCu	10	-	10	0	1016.5	0	ENE	2	o	54	75	4	4000	StCu	9	ACu	10	•
Edinburgh (Inchkeith)	1016.7	+1	ENE	3	bc	52	85	8	•	-	0	CiCu	4	•	1017.0	-1	E	3	o-	48	92	8	•	Cu	5	ACu	10	1
Leuchars	1018.1	+2	E	3	o	49	75	7	1500	StCu	9	-	9	0	1015.1	0	E	1	o	48	75	7	800	St	9	-	9	•
Eskdalemuir	1016.4	0	SW	4	o	58	55	6	4000	StCu	6	ASt	9	1	1016.7	+0	SW	3	o	55	75	6	4000	StCu	5	ASt	10	•
Tynemouth	1017.3	0	SE	2	bc+	51	85	7	1500	St	5	Ci	5	•	1017.5	0	ESE	2	c	49	85	7	1500	St	4	ACu	8	2
Blacksod Point	1013.9	+1	W	2	o	59	75	8	•	•	•	•	10	•	1013.6	-0	-	0	opro	54	92	8	•	•	•	•	10	1
Donaghadee	1016.3	0	SE	3	o/m	54	85	7	-	-	0	CiSt	10	•	1016.0	0	SSE	2	c-	56	85	7	-	-	0	ASt	7	3
Birr Castle	1015.3	*	SW	1	c-	61	85	7	4000	Cu	8	-	8	•	1014.9	•	SW	1	o+	61	75	6	2500	Cu	9	-	9	•
Holyhead	1017.4	+1	S'W	4	o+	59	75	7	-	-	0	ACu	9	0	1017.4	-1	S'W	3	c+	57	75	7	-	-	0	CiSt	7	1
Liverpool (Bidston)	1017.4	0	SE	1	bc-	62	65	7	4000	Cu	4	-	4	•	1017.4	0	W'S	1	o+	58	75	6	2500	StCu	10	-	10	2
Chester (Shotwick)	1017.2	0	SE	3	bc+	61	75	6	4000	StCu	4	-	4	1	1017.2	0	-	0	oro	57	85	6	2500	St	10	-	10	•
Harrogate	1016.9	+1	SE	1	bc	60	65	5	4000	Cu	4	-	4	•	1017.6	0	-	0	ororo	56	85	3	1500	Nb	10	-	10	•
Spurn Head	1020.0	+2	ESE	3	b	50	75	7	4000	Cu	1	-	1	*	1018.8	-2	SE	5	c	49	92	7	4000	StCu	6	ACu	8	2
Birmingham (Edgbaston)	1018.5	+2	SSW	2	o	59	65	7	2500	StCu	9	-	9	2	1018.4	0	?	2	o-	60	75	7	4000	CuNb	3	ACu	9	•
Cranwell	1019.3	+2	ESE	2	bc	56	75	8	2500	Cu	6	-	6	1	1018.8	-0	SSE	3-	b-	57	85	8	2500	Cu	1	CiSt	2	•
Gorleston	1019.6	+3	E'N	2	b	54	65	7	-	-	0	ACu	1	•	1020.5	+1	ESE	1	b	53	65	7	-	-	0	-	0	0
Valencia (Cahirciveen)	1016.4	0	S'E	3	c-	57	75	9	2500	StCu	5	ASt	8	0	1015.6	-2	S	4	opro	55	85	7	1500	?	7	ASt	10	3
Roches Point	1018.0	+1	S'W	2	o	58	85	8	2500	StCu	10	-	10	•	1017.8	0	SW	2	o	55	85	8	2500	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1018.1	+1	SE	1	b	58	85	6	4000	StCu	2	-	2	•	1018.1	0	SE	1	o	53	92	6	4000	StCu	10	-	10	2
Ross-on-Wye	1017.9	+1	W	2	o+	59	75	7	4000	Cu	9	-	9	1	1018.0	0	S	1	bc	61	75	7	4000	Cu	2	CiCu	6	•
Leafield	1018.5	+6	S	1	o-	62	65	8	2500	Cu	6	CiSt	10	2	1019.0	0	S	3	bc-	58	65	6	5700	StCu	4	CiSt	5	•
Andover	1018.2	+3	ENE	1	o-	58	75	6	2500	Cu	9	-	9	1	1019.0	+1	S	2	o	58	85	6	4000	Cu	9	-	9	•
S. Farnborough	1018.0	+3	E'S	3	o-	60	75	6	2500	StCu	10	-	10	2	1019.0	+1	ENE	3	b	59	75	6	5700	StCu	2	ACu	3	•
London (Kew Obsy.)	1018.6	+3	E	2	o	59	65	7	2500	StCu	9	-	9	2	1019.5	+1	SE	2	bc	59	65	6	4000	Cu	4	-	4	•
Croydon	1018.2	+2	NE'E	3	o	57	65	7	4000	StCu	9	-	9	2	1019.2	+1	ESE	2	b-	58	75	7	-	-	0	ACu	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•														
Shoeburyness	1019.5	+5	ENE	3	bc-	55	65	8	5700	Cu	5	-	5	•	1020.5	+2	E'S	1	b-	53	65	8	-	-	0	CiCu	1	•
Felixstowe	1019.1	+5	ENE	3	b-	54	75	8	4000	Cu	2	-	2	0	1020.4	+1	E'N	3	b	52	75	8	-	-	0	ACu	1	0
Lympne	1018.1	+5	NE	4	bc-	53	65	8	1500	Cu	6	-	6	1	1019.9	+1	NNE	3	b-	52	75	8	-	-	0	-	0	•
Scilly (St. Mary's)	1018.2	+2	W'N	1	bc+	60	85	8	4000	Cu	2	CiCu	5	•	1018.4	0	-	0	o	58	85	8	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1018.4	+2	S	2	c-	63	75	8	4000	StCu	7	-	7	•	1019.0	+1	SSW	3	c+	57	85	8	5700	StCu	7	-	7	0
Plymouth (Cattewater)	1018.2	+3	SE	3	o	56	92	8	4000	StCu	10	-	10	1	1019.1	+2	SSE	2	o	56	85	8	4000	StCu	9	ACu	9	0
Portland Bill	1016.7	+2	NE	3	c	53	85	6	4000	StCu	8	-	8	1	1018.0	+2	NE	3	bc-	55	85	6	4000	StCu	2	ASt	6	3
Southampton (Calshot)	1018.4	+2	E'N	1	o-	60	75	6	2800	StCu	9	-	9	1	1019.6	+1	SE'E	3	b--	57	85	7	4000	StCu	2	ACu	3	0
Dungeness	1018.1	+6	E	5	c/r	56	65	7	4000	Cu	2	ACu	7	•	1020.0	+2	E	4	b-	53	75	7	-	-	0	CiCu	2	4
Guernsey	1018.0	+2	ENE	3	o-	56	85	6	2500	Cu	2	ACu	9	•	1019.2	0	NE	3	b-	53	92	6	-	-	0	Ci	1	0

LONDON OBSERVATIONS.

Weather and Temperature: 24 HOURS ENDED 0900 G.M.T. 6th. Kew, Croydon: 24 hours ended 0700.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	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	co	ocbc	bcrvm	•	•	38	-	Tr	3.2	•	•	7
Croydon	244	ocm	ocb	bbco	•	•	39	-	-	4.0	•	•	7
Greenwich (Royal Obsy.)	149	oco	ocbc	bcbbcb	<C3	42	31	-	-	6.1	65	62	6
City (Bunhill Row)	80	•	•	•			•	•	•	3.6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	60	45	41	?	?	2.8	72	67	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	4.2	•	•	•
Camden Square	110	oc	cocbcbc	•	61	46	40	-	-	•	•	65	•
Kensington Palace	80	o	obc	•	66	*	36	-	-	•	At 18h	65	•
Hampstead Observatory	430	•	•	•	59	45	?	-	-	61	78	70	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 5th

South Kensington			
Max.	Time.	Min	Time.
1.0	1800 4th		
0.6	1200 5th	<0.3	0500 5th

Kew Observatory			
Max.	Time.	Min.	Time.
0.3	2000 4th		
0.3	1200 5th	<0.3	0200 5th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 5th 21 h 30 m. to 6th 02 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4.45	3.35	75
δ Ursae Minoris	4.45	3.2	64

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h	C	7	1	145°
18h	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

6th & 7th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.34	11.51	8.9
	3.33	11.51	8.10
Greenwich	3.47	11.53	8.9
	3.46	11.53	8.10
Wick	3.12	12.10	9.9
	3.11	12.10	9.10
Valencia	4.25	12.39	8.54
	4.24	12.39	8.55

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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. Ш = 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; - = "decreasing" + = "increasing."

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

¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 5th	WEATHER. 13h.-18h. 5th	WEATHER. 18h. 5th to 1h 6th	WEATHER. 1h.-7h. 6th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 5th Hours.
Lerwick	bccp	bcc	bcb	b	48	38	.	0·3	–	<0800	–	4·4
Stornoway	b-bc	b-bc	c	r-d	51	46	.	–	3	–	–	15·0
Wick	c	b-bc	bbc	oo	47	43	.	–	–	–	–	.
Castlebay	bc	co	orr	r dm	54	50	.	–	5	–	<2100	8·0
Nairn	cbc	bbcc	corr	d d c	51	39	.	–	2	–	–	10·6
Aberdeen	c	c	co	or r	52	43	39	–	1	–	0330	3·5
Malin Head	bccoz	oirm	R r	oir	55	51	.	0·4	4	13·30	<2100	1·6
Renfrew	omco	oz	or r	oRR	59	46	46	–	8	–	<2100	3·4
Edinburgh (Inchkeith)	bc	c	orr	rr	53	46	46	Trace	4	–	2100	7·8
Leuchars	c	oco	oo	orr	50	46	44	–	8	–	0130	5·7
Eskdalemuir	ocoy	oyo	owor	or r	59	48	48	–	4	–	2200	4·5
Tynemouth	b-bc	c	om	oir if	51	46	43	–	0·3	–	0530	.
Blacksod Point ...	ogc	oge	oop	rod	61	52	.	0·2	5	–	–	.
Donaghadee	ohw	om	or	op	58	51	.	–	3	–	<2100	.
Birr Castle	co	co	co	oorR	64	52	50	–	4	–	<2100	0·8
Holyhead	ocbcc	ocbc	p	oir	60	52	51	–	Trace	–	2200	6·5
Liverpool (Bidston) ...	ocbcm	bcom		omp	63	54	53	–	Trace	–	0630	5·2
Chester (Shotwick) ...	omcb	coir	r o	or r	62	54	49	0·4	0·2	16·30	<2100	4·8
Harrogate	b-bcz	r-d		r-d	60	47	49	?	5	17·30	2200	7·7
Spurn Head	b-bc	bcc	oro	p	52	49	.	–	2	–	<2100	12·4
Birmingham (Edgbaston)	co	oco	oc	oco	62	51	49	–	–	–	–	4·3
Cranwell	b-bc	cbcb	bcco	oir	59	45	39	–	Trace	–	0430	11·6
Gorleston	cbcb	b	b	bbcco	55	45	41	–	–	–	–	11·7
Valencia (Cahirciveen)	coc	cop	opf	orpc	59	54	53	0·6	7	1430	<2100	1·1
Roches Point	oco	or o	orr	rrdm	61	54	.	0·2	8	16·30	<2100	.
Pembroke (St. Ann's H.)	b-bc	bcc	oo	oc	59	51	.	–	–	–	–	11·7
Ross-on-Wye	ocbcc	oc	co	oc	62	52	50	–	–	–	–	3·2
Leafield	co	cbc	bco	co	62	47	44	–	–	–	–	6·7
Andover	oc	oom	omem	bc	62	47	43	–	–	–	–	2·9
S. Farnborough ...	oo	ocbcb	b	boc	62	45	43	–	–	–	–	1·9
London (Kew Obsy.) ...	co	ocbc	bcbom	bwmw	62	45	38	–	Trace	–	–	3·2
Croydon	ocm	ocb	bb	bco	60	44	39	–	–	–	–	4·0
Clacton-on-Sea ...			bcb	bbcc	55	50	47		–		–	10·2
Shoeburyness	ocbc	bcb	bba	cow	58	43	33	–	Trace	–	–	9·6
Felixstowe	odgb	b	bbc	co	55	49	43	Trace	–	<0800	–	10·8
Lympne	ocber	bcb	bw	bwc	56	41	38	Trace	–	<0800	–	8·3
Scilly (St. Mary's) ...	bbc	bco	oc	c	62	52	.	–	–	–	–	11·2
Falmouth (Pendennis)	bcc	cbcc	cotbc	bccobc	63	53	.	–	–	–	–	9·9
Plymouth (Cattewater)	oo	oco	ob	bcow	62	47	47	–	–	–	–	1·8
Portland Bill	c	c	c	c	58	52	.	–	–	–	–	.
Southampton (Calshot)	oo	ocbc	bbcbbw	bcwcbc	61	51	49	–	–	–	–	2·3
Lungeness	c	c	bcy	c	57	49	.	0·2	–	<0800	–	.
Guernsey	oFFofm mc	cbcb	b	ow	57	50	.	–	–	–	–	.

ISALLOBARS.

POSITION NUMBERS

6th JUNE

Barometric Change 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	5th 1010	SCOTIA	S	3	fair	52	50
1	5th 1200	REINDEER	?	4	o/c	55	51
3	6th 0100	DIEPPE	E	2	oc	52	51

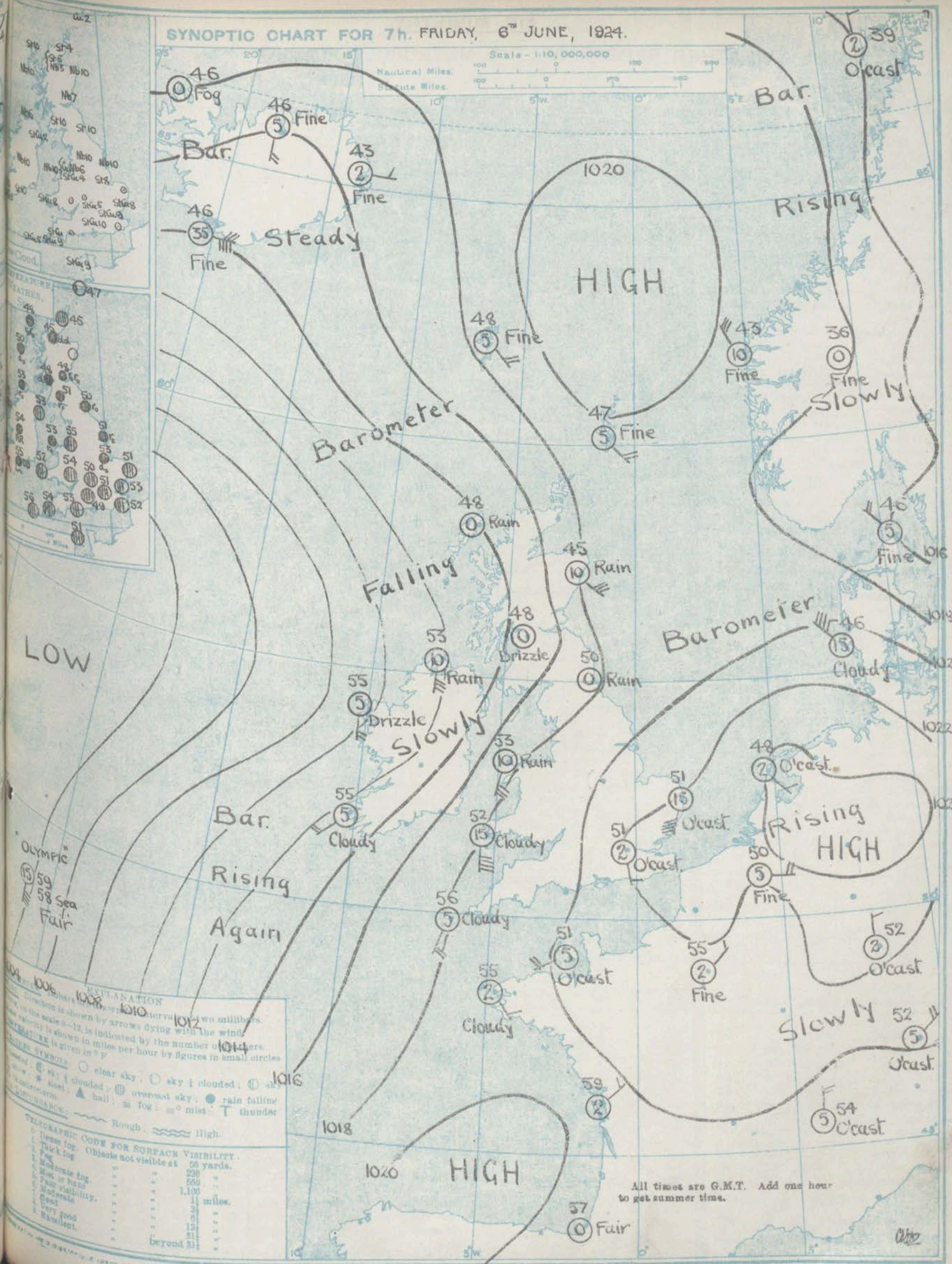
GENERAL INFERENCE.

Barometric pressure is high over Western Europe and low over the Atlantic. Winds over the British Isles will be from a southerly point with unsettled weather in the West and North, but in the Southeast mainly fair; warmer weather is likely for a time.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 6th June, 1924.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S. or S.E., light or moderate, fresh locally; fair; visibility good apart from local morning mist; warmer.	None issued.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind southerly, fresh at times; fair at first, risk of some rain or drizzle later; visibility moderate or good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, moderate, fresh at times; cloudy, fair intervals; occasional rain or drizzle; visibility moderate or good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0935 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday.....6th.....June.....1924. No. 158.

Observations at 0100 G.M.T. 6th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1019	0	-	0	b	40	95	8	4000	Cu	1	-	1
Stornoway ...	51	1015	-2	ENE	4	b	*	*	8	*	*	*	*	*
Wick	81	1017.8	-2	SSE	2	b	43	85	8	4000	Cu	1	C.St	3
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	31	1013.8	0	-	0	or₀	52	92	7	4000	Nb	10	-	10
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1016.9	+1	ENE	3	orr	47	97	8	*	CuNb	10	-	10
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1017.9	0	NW	1	0	47	92	6	1500	St	10	-	10
Blacksod Point ...	10	1011.0	-2	W	2	oPR+	54	85	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1017.4	0	SW	3	0	53	92	7	2500	St	10	-	10
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	489	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1018.7	0	SSE	4	0	7.	97	7	-	-	0	A.St	10
Birmingham (Edgbaston)	825	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	257	1020.2	0	SSE	3	0	50	97	6	4000	St	6	A.St	10
Gorleston	13	1021.6	+1	SW	3	b	47	85	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1012.6	-2	S	4	orr	56	92	7	-	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1016.2	0	S	3	0	53	92	8	1500	St.Cu	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1020.9	0	S	3	b+	46	85	7	-	-	0	C.St	3
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	306	1021.7	+1	E	3	b	43	92	7	4000	St.Cu	1	-	1
Scilly (St. Mary's) ...	131	1019.9	0	S'E	2	c-	54	97	8	4000	St.Cu	7	-	7
Falmouth (Pendennis)	200	1019.5	+1	SSW	2	bc	53	92	7	4000	St.Cu	4	-	4
Plymouth (Cattewater)	82	-	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1019.6	0	NE	2	bc	52	85	7	-	-	0	A.St	6
Southampton (Calshot)	12	1020.8	0	E	3	c+	53	92	8	4000	St.Cu	5	A.Cu	8
Dungeness	21	1021.8	+1	E	2	bc+	50	85	8	-	-	0	A.Cu	4
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1019.9	0	SE	1	b	47	75	8	4000	Cu	3	Cu	3
Stornoway ...	1013.4	-1	-	0	or₀	48	97	5	450	St	10	-	10
Wick	1016.1	-1	SE	4	0	45	85	8	1500	St	4	Cu.St	10
Castlebay	1012.3	0	ESE	3	od₀	50	97	5	800	Nb	10	-	8
Nairn	1015.1	*	-	0	cdd	45	92	7	1500	St	8	-	10
Aberdeen	1018.0	-1	SE	3	or₀+	45	97	6	1500	Nb	10		0
Malin Head	1012.2	-1	S	3	or₀	53	92	7	4000	Nb	6	A.St	10
Renfrew	1014.8	0	-	0	od-	48	97	4	1500	Nb	10	-	10
Edinburgh (Inchkeith)	1015.7	0	E	1	or₀r₀	48	97	7	*	Nb	7	A.St	10
Leuchars	1015.6	-1	E	2	orr	48	97	6	800	Nb	10	-	10
Eskdalemuir	1016.2	0	SSW	4	or₀	51	92	6	1500	St	10	-	10
Tynemouth	1017.6	0	-	0	or₀	50	92	3	800	St	10	-	10
Blacksod Point ...	1008.9	0	S	2	od+	55	?	7	*	*	*	A.St	8
Donaghadee	1015.4	0	SW	2	c-	53	97	8	1500	St.Cu	2	-	10
Birr Castle	1013.4	*	S	1	oRR	54	97	4	800	Nb	10	-	10
Holyhead	1017.8	+2	SSW	3	or₀+	53	92	6	1500	Nb	10	-	10
Liverpool (Bidston) ...	1018.1	0	SSW	2	0	55	85	6	2500	CuNb	10	-	10
Chester (Shotwick) ...	1018.0	+1	S	2	o/r	55	92	5	2500	St	10		10
Harrogate	1018.6	0	S	2	orr	53	92	3	800	Nb	10	-	10
Spurn Head	1020.0	+2	S	3	or₀	51	97	7	4000	Nb	10	-	9
Birmingham (Edgbaston)	1020.1	+1	SSW	3	0	53	85	7	-	-	0	A.St	10
Cranwell	1020.5	+1	SSW	3	od₀	53	92	7	2500	St.Cu	8	A.St	10
Gorleston	1021.8	0	SSW	4	0+	51	85	7	-	-	0	A.St	8
Valencia (Cahirciveen)	1013.5	+3	SW'W	2	c-	55	85	7	1500	St.Cu	8	-	10
Roches Point	1016.1	0	S	4	oDD	55	97	5	<150	St	10	-	8
Pembroke (St. Ann's H.)	1018.1	0	S	4	c	52	92	7	4000	St.Cu	8	-	9
Ross-on-Wye	1019.6	0	SSW	3	0	54	75	7	-	-	0	A.Cu	9
Leafield	1020.8	+1	SE	2	0	50	85	8	4000	St.Cu	5	A.St	
Andover	1020.9	0	SE	3	c+	52	92	7	1500	St.Cu	4	A.Cu	7
S. Farnborough ...	1021.2	+2	SE	3	c-	49	85	6	5700	St.Cu	8	-	8
London (Kew Obsy.) ...	1022.1	+2	SSE	1	0	51	85	6	2500	St.Cu	9	-	9
Croydon	1021.7	+1	S	2	0	50	85	7	5700	St.Cu	10	-	10
Clacton-on-Sea ...	1022.5	+2	SE	4	c+	53	85	7	7200	St.Cu	8	-	1
Shoeburyness	1022.4	+1	SSW	3	0+	52	75	8	-	-	0	A.Cu	9
Felixstowe	1022.5	+2	S	3	0	53	85	8	2500	St.Cu	10	-	10
Lympne	1022.1	+1	SE	2	0	50	85	7	7200	St.Cu	4	A.Cu	9
Scilly (St. Mary's) ...	1018.4	+1	SSW	2	c	56	85	7	4000	St.Cu	5	A.Cu	7
Falmouth (Pendennis)	1018.9	0	SSW	3	0+	54	92	6	2500	St.Cu	9	-	1
Plymouth (Cattewater)	1019.7	0	E	2	c-	53	85	7	5700	St.Cu	1	A.Cu	1
Portland Bill	1019.6	0	E	5	c+	53	85	6	-	-	0	A.St	3
Southampton (Calshot)	1021.1	+1	SE'E	4	bc-	55	85	7	7200	St.Cu	5	Cu.Cu	3
Dungeness	1022.2	+1	SSE	3	c	52	85	8	-	-	0	-	3
Guernsey	1020.0	0	WSW	2	0-	51	97	5	2500	St.Cu	3		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24h. June 6th

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 4h.-5h. °F	Temperature. Max. Day. 5h. °F.	Rainfall.† Night 17h.-9h. 4h.-24h. mm.	Rainfall.† Day 9h.-17h. 24h. mm.	Sunshine. Sunrise to 17h. 24h.	Sunshine. Sunrise to Sunset. 4h. hr.
Berwick-on-Tweed	fzbc	bczbg	40	50	-	-	8.1	9.7
Douglas (IoM) ...	bcg	bcg	46	58	1	-	2.4	0.0
Llandudno	cbco	ocg	49	62	-	-	3.0	0.0
Colwyn Bay ...	bc	bc	48	62	-	-	3.2	0.0
Rhyl	bc	bc	?48	64	-	-	3.7	0.1
Southport	coc	co	45	63	-	-	3.7	0.0
Blackpool	c	20	44	63	-	-	2.7	0.0
Ilkley	cbccg	b	41	62	-	-	1.9	0.0
Skegness	oc	bcbv	47	54	-	-	10.8	1.0
Aberystwyth ...	ocb	o	52	63	-	-	2.5	0.0
Bath	oc	ocbc	52	63	1	-	1.4	0.0
Leamington Spa ...	c	bcb	47	63	-	-	6.3	0.0
Lowestoft	b	b	48	52	1	-	9.2	0.6
Felixstowe	c	b	49	54	5	-	7.6	0.0
Harwich & Dovercourt ...	obc	b	49	55	5	-	8.2	0.0
Southend	cbc	b	51	58	8	-	7.5	0.1
Ilfracombe	bbu	bcbbc	52	59	-	-	9.5	1.4
Bude ...							2.3	1.3
Paignton ...	o	bcbbc	54	62	-	-	2.7	0.0
Torquay	cobc	b	54	63	-	-	3.0	0.0
Jersey	o	bc	51	63	1	-	3.0	0.0
Weymouth	c	c	52	63	0.3	-	1.3	0.0
Bournemouth ...	bc	bc	51	63	1	-	1.0	0.0
Portsmouth (S'thsea)	co	oc	52	61	12	-	1.4	0.0
Littlehampton ...	oro	o	51	61	27	-	3.6	0.0
Worthing	oc	cobc	51	61	29	-	4.1	0.0
Brighton	c	c	50	63	30	-		0.0
Eastbourne	oc	bcb	52	59	20	-	5.8	0.0
Hastings	ocbc	bcb	51	59	12	-	5.0	0.0
Folkestone	o	bc	51	59	11	-	4.7	0.0
Dover	oziac	cbcb	52	58	11	-	6.4	0.0
Tunbridge Wells ...	cbbcb	bcb	50	60	13	-	5.5	0.0
Ramsgate	obc	bcb	51	54	6	-	5.5	0.0
Margate	o	b	51	54	5	-	5.4	0.0
Deal	robc	b	51	57	8	-		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22843 SATURDAY, 7TH JUNE 1924.

Observations at 1300 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1019.5	0	SE	2	c-	49	75	8	4000	Cu	6	Ci	7	·
Stornoway	1012.8	-1	-	0	orₒ	51	97	5	450	St	10	·	10	·
Wick	1015.3	-1	SE	4	orₒ	45	97	7	1500	St	10	·	10	·
Castlebay	1011.6	0	SE	3	orₒfₒ	51	97	5	800	Nb	10	·	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1016.8	-2	SSE	2	orₒfₒ	50	97	4	800	Nb	10	·	10	1
Malin Head	1010.9	-1	S	4	bcjp	61	85	8	4000	CuNb	5	CiSt	6	·
Renfrew	1014.6	0	S	2	orₒfₒ	55	92	6	800	Nb	9	ASt	10	2
Edinburgh (Inchkeith)	1014.9	-1	SW	3	orₒ	54	85	8	·	CuNb	7	ASt	10	·
Leuchars	1014.7	-1	S	3	orₒ	55	85	6	4000	StCu	10	·	10	2
Eskdalemuir	1016.2	0	SW	4	oprₒ	52	92	6	1500	Nb	10	·	10	2
Tynemouth	1017.4	0	S	2	d/r	58	75	5	1500	Nb	10	·	10	·
Blacksod Point	1012.5	+3	W	2	bc-	62	85	7	·	·	·	·	6	·
Donaghadee	1015.1	0	S	3	cr	55	97	8	1500	St	7	-	7	·
Birr Castle	1013.4	*	S	1	o-	62	75	7	2500	Nb	9	-	9	·
Holyhead	1016.8	-1	S	4	orₒ	56	85	6	1500	Nb	10	·	10	2
Liverpool (Bidston)	1017.8	-1	SSE	2	or	56	85	5	1500	Nb	10	·	10	·
Chester (Shotwick)	1017.7	-1	SE	3	orr	57	85	5	1500	Nb	10	·	10	2
Harrogate	1018.3	0	S	3	o/r	58	75	5	800	Nb	10	-	10	·
Spurn Head	1020.0	-1	S	1	o	62	65	7	5700	StCu	6	ACu	9	·
Birmingham (Edgbaston)	1019.1	-1	SSW	3	o	60	75	8	2500	Nb	7	ASt	10	1
Cranwell	1019.7	-1	S	4	o	62	75	8	4000	StCu	9	-	9	0
Gorleston	1022.3	0	S'E	5	c	59	65	7	-	-	0	ACu	8	·
Valencia (Cahirciveen)	1015.5	+2	SW	3	bc	62	75	7	2500	StCu	5	·	5	0
Roches Point	1015.7	+1	SW'W	3	bc-	60	85	8	4000	Cu	6	·	6	·
Pembroke (St. Ann's H.)	1017.7	-1	S	4	cr	54	92	7	1500	Nb	8	·	8	·
Ross-on-Wye	1018.4	-1	S'E	2	o	63	75	7	4000	Cu	6	ACu	9	1
Leafield	1019.2	-2	S	2	o	59	75	6	4000	StCu	10	·	10	1
Andover	1020.1	0	SSE	3	o	61	85	7	2500	StCu	9	-	9	1
S. Farnborough	1020.7	0	SE	4	c	63	55	7	5700	Cu	1	ACu	8	1
London (Kew Obsy.)	1020.9	0	S	2	c	64	55	7	-	-	0	ACu	8	0
Croydon	1020.8	-1	S'W	3	c	63	65	8	5700	Cu	5	ACu	8	1
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1022.0	0	SSW	3	bc-	63	45	8	-	-	0	ACu	4	·
Felixstowe	1022.4	-1	SSE	4	bc-	60	55	8	-	-	0	ACu	4	0
Lympne	1021.7	-1	SE	2	bc	60	55	7	-	-	0	ACu	4	1
Scilly (St. Mary's)	1018.2	0	S'W	3	fo	56	97	3	1500	St	10	-	10	·
Falmouth (Pendennis)	1019.0	0	SW	4	o+	57	75	8	5700	StCu	9	-	9	·
Plymouth (Cattewater)	1019.5	0	S	3	bc-	59	85	7	4000	CuNb	2	ACu	6	0
Portland Bill	1019.8	0	-	0	bc-	55	85	6	1500	St	4	CiCu	6	·
Southampton (Calshot)	1020.8	0	ESE	5	bc-	60	75	6	2500	StCu	5	ACu	6	0
Dungeness	1022.2	0	SE	1	bc⊕	59	65	8	-	-	0	ACu	4	·
Guernsey	1020.4	0	SW'W	3	c	61	75	6	4000	StCu	6	ACu	8	·

Observations at 1800 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1018.0	-1	SE	2	o+	47	75	8	4000	Cu	3	ASt	9	1
Stornoway	1011.7	-1	-	0	orr	51	97	5	450	St	10	-	10	0
Wick	1016.2	-3	SE	2	omm	48	97	4	450	St	10	-	10	0
Castlebay	1011.5	0	W	3	o/r	52	97	6	800	Nb	10	-	10	3
Nairn	1012.4	·	-	0	orr	52	97	6	1500	Nb	10	-	10	·
Aberdeen	1014.3	-2	S	2	orₒ	52	97	4	1500	Nb	10	-	10	0
Malin Head	1013.0	+2	W/S	4	b	55	92	8	4000	Cu	1	ACu	1	2
Renfrew	1013.6	-2	SW	3	o/r	56	85	6	1500	St	10	-	10	·
Edinburgh (Inchkeith)	1014.0	-1	SW	3	orₒ	54	85	8	·	Nb	9	-	9	1
Leuchars	1013.8	-1	S	3	orₒrₒ	55	92	7	2500	Nb	7	ASt	10	·
Eskdalemuir	1015.8	-0	SSW	4	orₒrₒ	51	97	5	450	Nb	10	-	10	·
Tynemouth	1016.6	-1	S	1	o/r	56	92	6	1500	Nb	9	-	9	0
Blacksod Point	1013.1	0	WSW	1	bc-	59	75	8	·	·	·	·	5	1
Donaghadee	1014.5	-1	SW	3	bc/r	57	92	8	450	St	6	-	6	3
Birr Castle	1014.1	·	S	1	c-	63	75	7	2500	Cu	6	CiCu	8	·
Holyhead	1013.6	-1	S	4	or	52	97	5	450	Nb	10	-	10	3
Liverpool (Bidston)	1016.4	-1	SW	2	b	63	65	7	2500	CuNb	1	Ci	2	2
Chester (Shotwick)	1016.4	-1	S	2	bc-	64	65	7	2500	StCu	2	ACu	4	·
Harrogate	1016.9	0	SSE	2	c-	60	75	7	300	Cu	7	-	7	·
Spurn Head	1019.0	-2	SE	3	oprₒ	55	85	7	4000	Nb	10	-	10	2
Birmingham (Edgbaston)	1018.4	-1	SSW	3	o	61	75	7	2500	Nb	7	ASt	10	·
Cranwell	1019.0	-2	S	3	o	62	85	6	4000	StCu	10	-	10	·
Gorleston	1021.2	-2	S'E	4	c	56	75	7	-	-	0	ACu	8	1
Valencia (Cahirciveen)	1015.7	0	SW	3	c+	59	85	7	1500	StCu	3	CiCu	7	3
Roches Point	1016.2	0	WSW	4	c	59	85	8	-	-	0	CiSt	8	3
Pembroke (St. Ann's H.)	1017.0	-2	SW	4	ffo	53	97	3	<150	St	10	-	10	4
Ross-on-Wye	1017.9	-1	S	3	o	60	75	7	2500	St	5	ASt	10	·
Leafield	1018.6	-1	S	3	o+	58	85	6	4000	Cu	4	ASt	9	·
Andover	1019.6	-1	S	3	or	58	85	7	2500	StCu	10	-	10	·
S. Farnborough	1019.9	-0	S'W	4	o+	61	75	7	4000	StCu	7	CiSt	9	·
London (Kew Obsy.)	1020.0	0	SSW	3	o+	63	65	7	2500	StCu	4	ASt	10	·
Croydon	1020.2	0	SW/S	3	o+	61	65	7	4000	Cu	3	CiSt	10	·
Clacton-on-Sea	1021.1	-1	ESE	4	bc	58	75	7	-	-	0	ACu	5	2
Shoeburyness	1020.8	-2	SW/S	2	bc+	60	55	8	-	-	0	CiSt	4	·
Felixstowe	1021.2	-1	SE/S	3	c⊕	59	75	8	-	-	0	CiSt	7	4
Lympne	1020.7	-1	S	1	c⊕	59	55	8	-	-	0	CiSt	7	·
Scilly (St. Mary's)	1018.7	0	SW	3	oim	55	97	4	1500	St	10	-	10	2
Falmouth (Pendennis)	1019.8	0	WSW	4	o	56	85	8	5700	StCu	10	-	10	0
Plymouth (Cattewater)	1019.5	0	SW	3	o	55	92	7	2500	StCu	9	-	9	0
Portland Bill	1019.6	0	-	0	c+	55	85	6	4000	Cu	4	CiCu	8	3
Southampton (Calshot)	1020.2	-1	S	2	o-	60	75	6	5700	StCu	3	ASt	9	0
Dungeness	1021.5	-1	ESE	1	bc	58	75	7	-	-	0	CiCu	5	2
Guernsey	1020.5	-0	-	0	o	56	85	7	4000	Cu	2	ASt	10	0

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 7th

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °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 (24 hours ended 0700)	18	obccy	cyo	opdoc	·	·	50	-	tr	3.9	·	·	5
Croydon (24 hours ended 0700)	244	oc	bcoy	oooc	·	·	49	-	-	4.3	·	·	6
Greenwich (Royal Obsy.)	149	bcc	c	odo	70	53	49	-	-	5.9	55	70	6
City (Bunhill Row)	80	·	·	·	·	·	·	·	·		·	·	·
Westminster (St. James' Pk.)	27	·	·	·	67	55	52	-	-		59	70	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	5.0	·	·	·
Camden Square	110	o	bcc	·	69	54	51	-	-	·	·	71	·
Kensington Palace	80	bc	obc	·	67	*	51	-	-	·	At 18h 77	72	·
Hampstead Observatory	450	·	·	·	66	53	?	-	-			74	·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 6th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 21 h. 30 m. to 7th 02 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 45	Nil	-
δ Ursae Minoris	4 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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h	Cs	6	x	120°
18h	-	-	-	-
21h	-	-	-	-
07h	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

7th & 8th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.33 3.33	11.51 11.52	8.10 8.11
Greenwich	3.46 3.46	11.58 11.59	8.10 8.11
Wick	3.11 3.10	12.10 12.11	9.10 9.11
Valencia	4.24 4.24	12.39 12.40	8.55 8.56

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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: - = "decreasing": + = "increasing."

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

¹ For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 6h	WEATHER. 13h.-18h. 6h	WEATHER. 18h. 6h to 1h. 7h	WEATHER. 1h.-7h. 7h	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 6h Hours.
Lerwick	bbcc	co	omr	omrd	51	44	.	-	2	-	2100	13.8
Stornoway	r-d	r-d	c	oo	52	49	.	3	3	-	-	0.0
Wick	oir	omm	mmr	r dm	48	47	.	0.3	3	0900	2200	.
Castlebay	dmr	room	omo	odom	52	51	.	2	0.4	-	-	0.3
Nairn	dodo	crrro	doie	cirg	56	49	.	1	4	0800	2100	0.1
Aberdeen	rrrm	omirm	umcopr	oc	52	50	45	7	1	0800	2100	0.0
Malin Head	oir	cirbc	bcm	bcm	61	45		2	-	0800	-	4.5
Renfrew	orr	orrr	or	omc	56	44	35	?	0.4	0800	2100	0.0
Edinburgh (Inchkeith)	cprr	rrir	p	c	55	50	46	2	0.2	0800	2100	0.0
Leuchars	bir	orrr	orcbc	bcb oo	57	47	42	2	0.3	0800	2100	0.0
Eskdalemuir	oroopm	oirpm	oieor	oramcdm	54	48	48	5	4	0800	2100	0.0
Tynemouth	oirm	orritm	oirm	bcm	58	51	45	7	2	0800	2100	.
Blacksod Point	dbc	bcbc	bcb	bcc	62	50	.	1	-	-	-	.
Donaghadee	or	op	ffop	FF	58	46	.	3	1	0800	2200	.
Birr Castle	coR	co		oc	66	45	37	2	-	0800	-	8.3
Holyhead	rrr	irm	rdofm	c	57	50	51	7	1	0800	2100	0.2
Liverpool (Bidston)	orm	cbp		bcm	63	51	47	1	-	0900	-	1.6
Chester (Shotwick)	yor	oirroc	ccm	ccm	64	49	42	2	-	0800	-	1.2
Harrogate	p	p		c	63	52	48	0.4	-	11.00	-	0.6
Spurn Head	c	cop	cpcp	pc bc	63	53	.	0.3	0.6	16.30	2100	0.8
Birmingham (Edgbaston)	co	ocb	oo	oo	62	53	51	-	-	-	-	0.6
Cranwell	oo	opo	p	opoc	64	53	49	Trace	0.6	0800	2200	1.2
Gorleston	cq	cpcq	coqco	od	60	?	51	Trace	0.6	16.30	0130	4.0
Valencia (Cahirciveen)	ocbc	ebc	coc	cob	62	54	48	-	0.3	-	0630	9.0
Roches Point	dcbc	bcc	co	orb	63	53	.	1	1	0800	0430	*
Pembroke (St. Ann's H.)	cp	orffd	offc	ofjd	55	51	.	1	0.5	0900	0330	0.1
Ross-on-Wye	ob	oo	oo	orm	65	54	52	-	-	-	-	1.0
Leafield	co	co	coro	omodo	62	51	50	-	0.3	-	2100	0.8
Andover	co	o	cropr	o	63	50	49	Trace	0.6	-	2100	4.1
S. Farnborough	cy	cybcco	oprr	oc	70	53	51	-	Trace	-	2100	6.4
London (Kew Obsy.)	obcoy	cyo	opbodo	odcoo	67	53	50	-	Trace	-	2100	3.9
Croydon	oc	bcoy	oo	oc	66	52	49	-	-	-	-	4.3
Clacton-on-Sea	cbc	bc	bcco	opz	58	55	53	-	0.3	-	0230	7.8
Shoeburyness	ocbcy	bcybybc	bcyco	o	65	52	49	-	0.1	-	-	7.3
Felixstowe	ocbcy	bcyc	cbro	ooc	61	56	53	-	0.2	-	2200	8.1
Lympne	ocbcy	bccy	cyo	ocw	62	53	49	-	-	-	-	9.3
Scilly (St. Mary's)	cofq	oife	ovfm	or	58	53	.	Trace	5	11.00	0130	2.3
Falmouth (Pendennis)	bcmco	co	co	cor	60	54	.	-	1	-	0430	4.2
Plymouth (Cattewater)	ocpr	bbco	o	ow	60	53	48	Trace	Trace	12.30	-	3.9
Portland Bill	c	c	c	c	56	52	.	-	-	-	-	.
Southampton (Calshot)	bcbc	bcc	oo	b-bc	61	54	53	-	-	-	-	6.3
Dungeness	b-bc	b-bc	c	c	61	55	.	-	-	-	-	.
Guernsey	cm	omo	co	cw	64	51	.	-	-	-	-	.

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	5th 10h	Scotia	SSE	5	oem	52	49
3	7th 2h	Brighton	-	0	o-	57	53

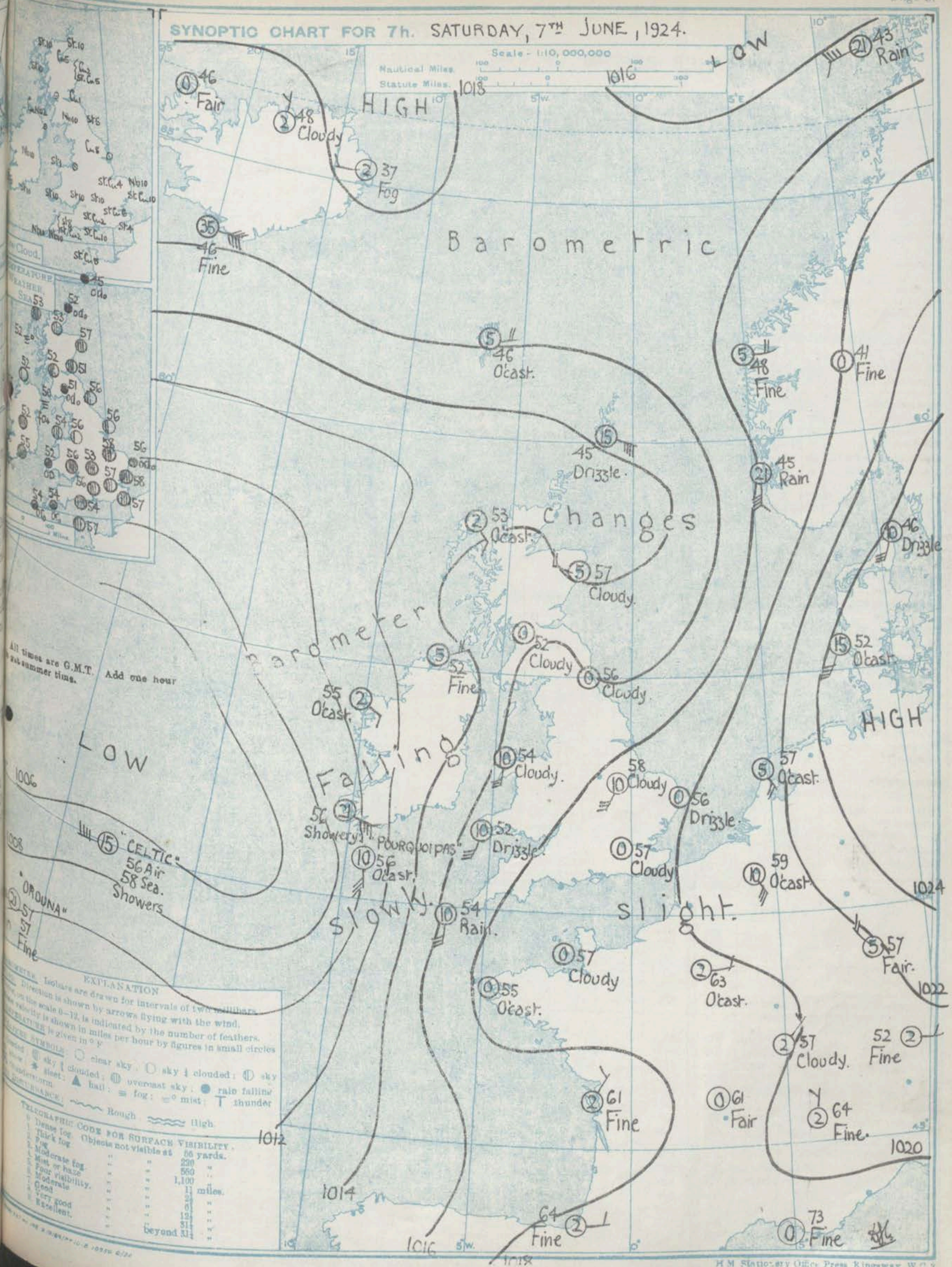
GENERAL INFERENCE.

An anticyclone over the Continent and a large depressio over the Atlantic will maintain winds mainly from a southerly point over the British Isles, secondary depressions causing weather to be unsettled. Rain probable at times in the West North with fair periods, and a moderate temperature. In the East, weather will be rather cl with a probability of local rain and temperature will be rather warm.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 7th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind mainly southerly, light or moderate, rather cloudy, probably local rain with a slight chance of thunder; visibility moderate or good; rather warm.	Unsettled, but fair periods most localities.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly S. or S.W., light or moderate, fresh locally; fair periods, but rain at times; visibility moderate or good; moderate temperature.	

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....SATURDAY, 7TH JUNE.....1924. No. 159

Observations at 0100 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1015.5	-3	SE	4	oc	45	97	6	4000	Nb	10	-	10
Stornoway	51	1012.3	0	SW	2	c-	•	•	5	•	•	•	•	•
Wick	81	1011.7	-1	SW	1	oc	48	97	6	1500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1014.6	+1	-	0	b-	49	92	7	5700	StCu	2	-	2
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1014.0	+1	NSW	3	bc/r	53	85	8	•	St	6	-	6
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1016.0	0	-	0	o/r	53	92	6	1500	Nb	9	-	9
Blacksod Point	10	1013.0	0	-	0	bc	52	92	8	•	•	•	•	4
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1016.2	0	S	4	o	52	97	5	800	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1017.5	-1	S	3	opc	54	97	7	4000	Nb	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1018.4	0	S'W	2	opc	56	97	7	1500	St	10	-	10
Gorleston	13	1020.4	-1	S'W	2	o	52	85	7	-	-	0	A St	10
Valencia (Cahirciveen)	30	1014.7	-3	S	3	o	55	92	7	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1018.0	0	SW	1	c/f	52	97	7	4000	StCu	7	-	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1019.8	-1	SW	2	o	54	85	6	-	-	0	A St	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1019.9	-1	SE	2	o	56	65	7	1500	StCu	9	-	9
Scilly (St. Mary's)	131	1018.2	-1	SW	3	o/f	55	97	6	1500	St	10	-	10
Falmouth (Pendennis)	200	1018.3	-1	SSW	2	o	55	92	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1019.6	0	SW	2	o+	53	92	6	1500	St	10	-	10
Southampton (Calshot)	12	1019.4	-2	SW'W	2	o	55	85	7	4000	StCu	5	A St	10
Dungeness	21	1019.7	-1	-	0	o+	55	85	7	-	-	0	A Cu	10
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1014.8	-1	ESE	4	odo	45	97	6	4000	Nb	10	-	10
Stornoway	1013.5	+2	SSE	1	o	53	85	6	800	St	10	-	10
Wick	1013.0	+2	WNW	1	odo	52	92	5	800	St	10	-	10
Castlebay	1013.4	0	ESE	2	mmo	52	97	4	800	St	10	acu	10
Nairn	1014.4	•	-	0	bc/r	53	92	8	4000	Cu	5	-	7
Aberdeen	1013.9	+2	WNW	2	c	57	75	8	2500	StCu	7	-	7
Malin Head	1013.8	0	ENE	2	b	52	92	7	5700	CuNb	2	-	2
Renfrew	1015.1	0	-	0	c-	52	92	6	-	-	0	asi	8
Edinburgh (Inchkeith)	1014.5	+1	WSW	3	c-	51	85	8	•	Cu	1	acu	7
Leuchars	1014.3	+1	WSW	3	bc+	54	85	8	4000	StCu	1	Ci	5
Eskdalemuir	1016.1	+1	-	0	od	51	97	4	450	Nb	10	-	10
Tynemouth	1016.0	0	-	0	bc-	56	85	5	800	St	5	-	5
Blacksod Point	1010.8	-2	SSE	1	o	55	85	8	•	•	•	•	10
Donaghadee	1015.7	0	-	0	fo+	50	97	2	-	-	0	asi	10
Birr Castle	1013.4	•	SW	1	o+	52	97	6	2500	Nb	10	-	10
Holyhead	1016.0	0	S	3	c	54	92	7	1500	St	1	acu	8
Liverpool (Bidston)	1016.4	0	SE'S	2	b	56	85	6	-	-	0	CiSt	4
Chester (Shotwick)	1016.1	0	SE	3	bc	55	85	6	-	-	0	Ci	•
Harrogate	1016.6	0	-	0	c	56	85	5	1500	Cu	8	-	8
Spurn Head	1017.8	+1	S	2	bc	56	92	7	-	-	0	Ci	5
Birmingham (Edgbaston)	1018.2	0	SSW	3	o	55	85	7	1500	St	10	-	10
Cranwell	1018.4	0	SW'S	3	c	58	92	6	5700	StCu	4	acu	9
Gorleston	1019.9	0	-	0	od	56	92	6	4000	Nb	10	-	10
Valencia (Cahirciveen)	1009.1	-5	ESE	5	opc	56	85	7	4000	St	6	asi	10
Roches Point	1014.6	-2	SE'E	4	o	55	97	7	1500	St	10	-	10
Pembroke (St. Ann's H.)	1016.0	-3	SSW	3	odd	52	97	1	4150	St	10	-	10
Ross-on-Wye	1017.6	0	S'W	3	o	56	85	5	800	St	10	-	•
Leafield	1018.8	-1	S	2	o/r	53	97	6	800	St	•	•	9
Andover	1019.0	-1	SE	1	o-	55	97	6	-	-	0	acu	8
S. Farnborough	1018.8	0	-	0	c-	56	85	7	5700	StCu	2	acu	8
London (Kew Obsy.)	1019.2	0	-	0	c	57	75	6	2500	StCu	6	-	•
Croydon	1019.1	-1	-	0	c	57	85	6	4000	StCu	8	-	•
Clacton-on-Sea	1019.2	0	ESE	2	o	58	85	6	7200	StCu	10	-	10
Shoeburyness	1018.7	-1	S	1	o	60	75	6	7200	StCu	5	asi	10
Felixstowe	1019.2	0	SE	1	c	60	85	6	7200	StCu	3	asi	9
Lympne	1019.1	-1	ESE	3	c	57	85	6	-	-	0	acu	7
Scilly (St. Mary's)	1017.0	-1	S	3	oso	54		-	4000	Nb	10	-	10
Falmouth (Pendennis)	1017.1	-1	S	3	ofo	54			4000	Nb	10	-	10
Plymouth (Cattewater)	1018.0	-2	SE	3	o	55	85	7	1500	St	10	-	10
Portland Bill	1018.1	-1	S	1	o	54	92	6	4000	StCu	9	-	•
Southampton (Calshot)	1019.1	-1	E'S	1	o-	57	85	6	7200	StCu	4	Cu	9
Dungeness	1019.2	-1	SE	2	c-	57	85	7	2500	St	5	acu	•
Guernsey	1018.5	-2	-	0	c	57	85	6	7200	StCu			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th JUNE.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 5th-6th °F	Temperature. Max. Day. 6th °F.	Rainfall.† Night 17h.-9h. 5th-6th mm.	Rainfall.† Day 9h.-17h. 6th mm.	Sunshine. Sunrise to 17h. 6th	Sunshine. Sunrise to Sunset. 5th hr.
Berwick-on-Tweed	prFd	prcnr	46	59	2	1	0.0	8.1
Douglas (IoM)	op	opm	50	[illegible]	1	4	0.0	3.1
Llandudno	odor	opoc	54	62	1	0.4	0.6	3.0
Colwyn Bay	op	pc	54	62	1	2	1.3	3.3
Rhyl	or	roc	54	61	2	3	0.0	3.7
Southport	ror	copo	53	60	0.2	1	0.2	3.7
Blackpool	po	oro	54	60	0.3	4	0.0	2.8
Ilkley	opmo	cgopo	51	60	7	-	0.2	1.9
Skegness	ocb	bco	49	63	-	-	2.3	12.0
Aberystwyth	ocb	o	53	58	0.5	-	0.5	2.5
Bath	ocbc	becbc	50	65	-	-	3.3	1.4
Leamington Spa	o	ocb	52	65	-	-	1.7	7.2
Lowestoft	oc	c	46	59	-	-	3.2	11.5
Felixstowe	obc	bc	49	59	-	-	6.1	10.3
Harwich & Dovercourt	cbc	bc	48	61	-	-	7.2	10.5
Southend	cbcb	b	48	67	-	-	7.0	9.0
Ilfracombe	ocbc	bcco	52	63	-	0.3	2.3	10
Bude	o	opco	50	62	-	-	1.4	4
Paignton	c	bcco	47	63	-	-	4.6	3
Torquay	b	bcc	49	62	-	-	5.6	3
Jersey	b	od	51	58	-	-	5.7	3
Weymouth	oc	co	50	62	-	-	2.1	3
Bournemouth	bc	bc	50	60	-	-	2.5	•
Portsmouth (S'thsea)	o	bc	51	60	-	-	7.6	•
Littlehampton	ocbc	bcoc	50	59	-	-	5.3	•
Worthing	obc	cbcc	50	61	-	-	6.4	•
Brighton	bcb	bcb	48	62	-	-	8.2	•
Eastbourne	bbc	bcb	50	61	-	-	8.5	•
Hastings	bcb	b	46	62	-	-	3.3	•
Folkestone	c	bc	45	63	-	-	7.7	•
Dover	ocbcb	bbc	48	63	-	-	7.4	•
Tunbridge Wells	co	obcb	44	64	-	-	6.6	•
Ramsgate	bcb	bbc	49	59	-	-	5.3	•
Margate	oc	bbc	47	60	-	-	6.5	•
Deal	ocbcb	b	48	62	-	-	7.3	•

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22844 Sunday 8th JUNE 1924.

Observations at 1300 G.M.T. 7th

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	1011.6	0	E	0	o	47	92	6	1500	Sc	4	ASc	10	*
Stornoway	1012.2	0	SSE	1	o	53	85	6	800	Sc	10	–	10	*
Wick	1014.2	+2	–	0	o/r	51	92	7	800	Sc	6	ASc	10	*
Castlebay	1012.7	0	ESE	3	c-	55	85	5	2500	Sc	3	ASc	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1014.7	+1	SSE	3	b-	61	75	7	4000	Cu	1	ASc	1	1
Malin Head	1010.9	-2	E	4	c+	53	85	7	5700	ScCu	7	–	7	*
Renfrew	1013.1	-3	E	1	o+	64	65	8	4000	ScCu	7	Ci	9	1
Edinburgh (Inchkeith)	1014.2	-1	E	2	cr₀	54	85	7	*	CuNb	8	–	8	*
Leuchars	1013.9	-1	SSW	3	opr₀	63	65	7	4000	Cu	2	ASc	9	0
Eskdalemuir	1015.0	-1	SSW	3	o	55	85	6	1500	ScCu	10	–	10	2
Tynemouth	1014.5	-1	SE	2	c+	57	85	6	1500	Nb	7	–	7	*
Blacksod Point	1005.8	-3	SSE	2	o	57	85	8	*	*	*	*	0	*
Donaghadee	1011.3	-2	SSE	2	c-	54	92	8	450	Sc	8	–	8	*
Birr Castle	1008.7	[illegible]	S	2	or-	57	97	5	800	Nb	10	–	10	*
Holyhead	1014.2	-2	S'E	4	or	55	92	6	800	Nb	10	–	10	2
Liverpool (Bidston)	1014.5	-2	SSE	2	ojp	60	75	6	2500	Nb	10	–	10	*
Chester (Shotwick)	1014.9	-2	SE'S	3	o	61	85	7	2500	ScCu	4	ASc	10	0
Harrogate	1015.6	-1	–	0	o	61	75	5	1500	Cu	10	–	10	*
Spurn Head	1016.8	-2	SE'S	3	o	64	75	7	4000	Cu	6	ACu	9	
Birmingham (Edgbaston)	1016.8	-2	SSW	3	o	58	85	7	4000	Nb	10	–	10	*
Cranwell	1017.4	-1	SW'S	3	or₀+	61	92	8	2500	ScCu	10	–	10	2
Gorleston	1018.9	-2	SSE	4	bc	63	65	6	–	–	0	CiCu	5	*
Valencia (Cahirciveen)	1005.5	0	S'E	4	o/r	59	92	6	450	Sc	10	–	10	1
Roches Point	1009.2	-5	S	5	od₀d₀	56	97	4	<150	Sc	10	–	10	*
Pembroke (St. Ann's H.)	1014.2	-3	S	4	cr	53	97	6	1500	Nb	8	–	8	*
Ross-on-Wye	1016.3	-2	S'W	2	or₀	59	92	6	1500	Nb	10	–	10	1
Leafield	1016.7	-2	S	2	od₀	62	85	6	4000	Sc	10	–	10	2
Andover	1017.6	-1	S'W	2	or₀	62	85	6	2500	Sc	6	ASc	10	1
S. Farnborough	1017.4	-1	S	3	o	69	65	8	2500	ScCu	9	ASc	10	1
London (Kew Obsy.)	1017.1	-3	S	3	o	71	65	8	2500	ScCu	4	CiSc	10	0
Croydon	1017.4	-2	S'W	3	o	70	65	7	4000	Cu	4	CiSc	9	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1018.3	-1	SE	1	bc	57	55	7	–	–	0	......	5	*
Felixstowe	1018.4	-2	S'E	3	o-	63	75	6	–	–	0	ACu	9	0
Lympne	1017.9	-2	ESE	2	c	60	65	6	5700	ScCu	4	ACu	7	0
Scilly (St. Mary's)	1014.2	-2	SSE	4	or	56	97	5	4000	Nb	10	–	10	*
Falmouth (Pendennis)	1015.5	-1	SSW	4	o/r	57	92	7	4000	ScCu	10	–	10	*
Plymouth (Cattewater)	1016.0	-3	S	4	o/r	57	85	7	4000	ScCu	5	ACu	9	1
Portland Bill	1016.5	-4	NE	4	o	55	85	6	4000	ScCu	10	–	10	*
Southampton (Calshot)	1017.8	-1	E'S	3	o	59	85	6	5700	ScCu	4	ASc	10	0
Dungeness	1018.9	0	E	1	c	60	75	7	4000	Cu	7	–	7	*
Guernsey	1016.4	-1	W'S	2	o	58	75	6	2500	ScCu	10	–	10	*

Observations at 1800 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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1014.4	0	E	1	o	47	97	6	2500	Sc	4	ASc	10	0
Stornoway	1011.4	-2	SSE	2	c-	51	85	7	4000	Cu	3	ACu	7	1
Wick	1013.2	-1	S	2	bc	51	65	8	4000	ScCu	3	Ci	5	0
Castlebay	1009.6	-3	ENE	4	o	55	75	7	1500	Sc	10	–	10	3
Nairn	1011.3	*	E	2	bc-	59	75	8	4000	Cu	3	ACu	6	*
Aberdeen	1014.0	-1	SE	2	c	53	92	6	5700	ScCu	4	ASc	7	0
Malin Head	1006.8	-3	E	4	or₀	54	92	7	1500	Sc	6	ASc	9	1
Renfrew	1011.6	-2	ESE	2	or₀r₀	59	85	6	2500	Nb	10	–	10	*
Edinburgh (Inchkeith)	1011.9	-3	ENE	2	o+	53	92	8	*	Cu	3	ASc	9	0
Leuchars	1012.4	-2	SE	3	o+	57	85	7	4000	StCu	3	ASc	10	*
Eskdalemuir	1011.7	-3	SSW	1	od₀	59	75	6	4000	Sc	10	–	10	*
Tynemouth	1013.1	-2	SE	2	o	54	85	6	1500	Nb	10	–	10	0
Blacksod Point	1002.1	0	–	0	o	58	92	8	*	*	*	*	10	1
Donaghadee	1011.0	-2	SSE	3	or₀r₀	52	97	7	450	Sc	10	–	10	4
Birr Castle	1005.0	*	SE	2	c	61	92	7	2500	Nb	8	–	8	*
Holyhead	1011.0	-4	SE'S	4	od	54	92	6	800	Nb	10	–	10	4
Liverpool (Bidston)	1012.0	-3	SE'S	2	o/r	57	97	5	2500	CuNb	10	–	10	3
Chester (Shotwick)	1013.1	-3	SE	3	or-	58	92	6	1500	St	9	ASc	10	*
Harrogate	1013.5	-3	S	2	o	61	75	7	1500	ScCu	6	ASc	9	*
Spurn Head	1015.5	-2	SSE	3	od₀+	54	97	6	4000	Nb	10	–	10	1
Birmingham (Edgbaston)	1014.0	-3	S	2	o/r	59	85	7	2500	Nb	4	ASc	10	*
Cranwell	1015.5	-3	SE	2	or₀r₀	59	97	6	2500	ScCu	4	ASc	10	*
Gorleston	1017.4	-2	S'E	3	opr₀	59	85	6	4000	Nb	10	–	10	0
Valencia (Cahirciveen)	1008.3	-5	WSW	4	o-	56	85	7	1500	St	9	–	9	3
Roches Point	1008.3	0	SW'W	4	o	57	97	6	800	Sc	10	–	10	6
Pembroke (St. Ann's H.)	1011.1	-3	S	4	oRR	52	97	6	450	Nb	10	–	10	4
Ross-on-Wye	1013.6	-2	S	2	ojp	59	85	7	2500	Nb	10	–	10	*
Leafield	1018.9	-5	S	2	o/r	63	75	6	1500	Sc	10	–	10	*
Andover	1014.7	-2	S'E	2	or	60	92	6	2500	Sc	10	–	10	+
S. Farnborough	1014.8	-3	SE	3	o	64	75	6	4000	ScCu	3	ASc	10	*
London (Kew Obsy.)	1014.8	-3	SSE	2	o	67	65	7	4000	ScCu	3	ASc	10	*
Croydon	1015.3	-2	S	2	o	64	75	7	5700	Sc	4	ASc	10	*
Clacton-on-Sea	1015.6	-3	ESE	3	o	61	85	6	7200	ScCu	4	ASc	10	0
Shoeburyness	1015.8	-3	S'W	1	o	64	75	6	4000	Sc	10	–	10	*
Felixstowe	1016.0	-3	SE'S	1	o	61	85	6	–	–	0	ASc	10	0
Lympne	1016.3	-1	E'S	2	o	61	75	6	7200	ScCu	4	ASc	10	*
Scilly (St. Mary's)	1011.4	-3	WSW	5	c/r	56	97	7	4000	CuNb	8	–	8	5
Falmouth (Pendennis)	1013.5	-2	SSW	3	or+	54	92	6	1500	Nb	10	–	10	0
Plymouth (Cattewater)	1014.1	-4	SSW	3	o/r	55	92	7	1500	Nb	6	ASc	10	1
Portland Bill	1015.1	-3	SE	4	o	54	92	6	2500	Nb	10	–	10	4
Southampton (Calshot)	1014.8	-3	E'S	3	o	59	85	6	4000	ScCu	8	ASc	10	0
Dungeness	1016.1	-3	ESE	1	o+	57	85	6	–	–	0	ASc	10	2
Guernsey	1015.7	0	WNW	4	o	57	85	7	7200	ScCu	5	ASc	10	3

LONDON OBSERVATIONS.

London Observations	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temp. Max. °F.	Temp. Min. °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 0900 G.M.T. 8th.											
Kew	15	co	or₀o	orprr	*	*	o/r	Tr	11	1.0	*	*	
Croydon (24 hours ended 0700)	244	co39	or₀	or₀RR	*	*	54	Tr	9	2.0	*	*	
Greenwich (Royal Obsy.)	149	c	co	orc	75	54	53	–	10	1.5	66	68	
City (Bunhill Row)	80	*	*	*	*	*	*	*	*		*	*	*
Westminster (St. James' Pk.)	27	*	*	*									*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	1.4	*	*	*
Camden Square	110			*						*	*		*
Kensington Palace	80												*
Hampstead Observatory	450	oc	oor	*	72		53	–	8	*	At 18h 64	71	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. ....

South Kensington Max.	Time.	Min.	Time.
–	–	–	–
–	–		

Kew Observatory Max.	Time.	Min.	Time.
–	–	–	–
–	–		

POLE STAR RECORD at Greenwich Obsy.

Exposure from ....h......m. to..........h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
[illegible]	Cg	7	3	130°
[illegible]	–	–	–	–
[illegible]	–	–	–	–
[illegible]	–	–	–	–

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

8th & 9th JUNE, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.33	11.52	8.41
	3.33	11.52	8.12
Greenwich	3.46	11.59	8.11
	3.46	11.59	8.12
Wick	3.10	12.11	9.11
	3.9	12.11	9.12
Valencia	4.24	12.40	8.56
	4.24	12.40	8.57

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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: – = "decreasing"; + = "increasing."

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.

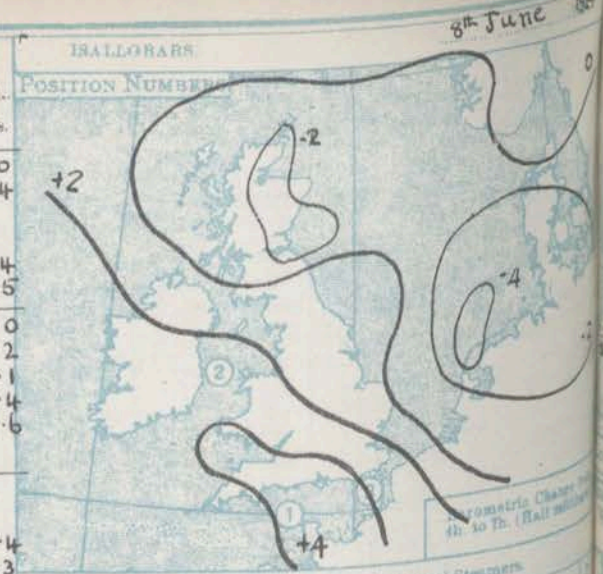
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

For explanation see Introduction.

* Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 7th	Weather. 13h.-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.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 7th Hours.
Lerwick	omd	o	of	of	48	45	•	0·1	–	0800	–	0·0
Stornoway	oo	c	r-d	r-d	58	50	•	–	3	–	–	3·4
Wick	oir₀	oo	c	oo	55	48	•	0·2	–	0800	–	•
Castlebay	ompcm	omo					•	0·3		–		
Nairn	cbc	bbcc	cdiro	com	62	53	•	–	2	–	2200	10·4
Aberdeen	cbcb	bccm	coopr	oir₀ffat	61	49	49	–	–†	–	2200	5·5
Malin Head	pcybccoj	cor₀	r₀com	mdco	60	53	•	0·5	0·3	1430	<2100	4·0
Renfrew	cmo	or₀	orr	or₀rr	66	54	53	0·1	5	1430	<2100	7·2
Edinburgh (Inchkeith)	cir₀	c	rrm	mrr	58	49	49	0·2	4	1230	<2100	2·1
Leuchars	bcco	oco	or₀r₀	or₀r₀F	64	49	48	Trace	2	1230	<2100	9·4
Eskdalemuir	odor₀o	ocod₀	od₀mr	orofd₀	62	51	52	3	6	0800	<2100	0·6
Tynemouth	b-bc	om	oirm	omrr	59	51	50	–	5	–	<2100	•
Blacksod Point	c	ppc	popo	poyoo	57	53	•	4	1	–	–	•
Donaghadee	FFo	orr	op	op o	54	51	•	6	6	1530	<2100	•
Birr Castle	orr	orco	coPr	coPr	62	51	44	3	3	0800	<2100	0·4
Holyhead	d₀ir	rdm	dirm	iR	57	51	35	2	10	0900	<2100	0·3
Liverpool (Bidston)	bcom	orm	odm		63	51	52	3	1	1830	2200	3·4
Chester (Shotwick)	bcoo	ororr	oir₀	or	63	54	52	2	1	30	<2100	2·6
Harrogate	c	c	r-d		64	?52	51	–	14	–	<2100	4·1
Spurn Head	bcc	p	r-d	oo	62	53	•	0·2	7	1530	<2100	5·6
Birmingham (Edgbaston)	ocoir₀	oir₀	oiR	or₀ir	61	51	50	0·3	2	0900	<2100	0·2
Cranwell	oor	r₀r₀	oiRor₀	orpo	65	53	51	0·4	4	1230	<2100	4·0
Gorleston	ocbc	copi	odo	otiro	64	55	53	Trace	3	1730	<2100	3·0
Valencia (Cahirciveen)	oporo	oiro	b	copo	61	57	49	6	0·2	0800	0530	1·7
Roches Point	rrdm	rrdm	cb	bo	58	50	•	18	–	0900	–	•
Pembroke (St. Ann's H.)	off r	offrr	ofrcp	c	54	51	•	8	5	0800	<2100	0·0
Ross-on-Wye	oir	odbro	p₀oco	oc	61	53	50	1	0·1	0900	<2100	0·0
Leafield	rororo	cerpro	op	ocbcc	64	50	49	3	0·4	0900	<2100	0·0
Andover	oor₀	orrom	oroRR	oRro	64	50	48	0·4	10	1430	<2100	0·0
S. Farnborough	coo	opr₀o	oorr	opr	71	53	52	Trace	12	1430	<2100	1·1
London (Kew Obsy.)	co	op₀o	or₀orr	orrorc	72	54	54	Trace	11	1530	2200	1·0
Croydon	coj@	or₀	or₀RR	orr₀c	71	54	54	Trace	9	1430	<2100	2·0
Clacton-on-Sea	oc3	co3	c3	o3po	64	57	47	–	1	–	0330	3·3
Shoeburyness	ocbc	bcopr₀	oropor	oprtipr₀	69	55	55	Trace	5	1730	2200	2·9
Felixstowe	co	oo	or₀o	orror	65	57	52	–	3	–	<2100	3·5
Lympne	c	co	op₀ol	olopr	66	51	53	–	0·5	–	0130	3·0
Scilly (St. Mary's)	omrr	oifir	bop	bcr	57	52	•	6	0·4	0800	<2100	0·4
Falmouth (Pendennis)	or₀co	omr	omrbc	bopbc	58	52	•	3	2	0800	<2100	1·5
Plymouth (Cattewater)	or₀rrr	opr₀			59			1		0900		
Portland Bill	oo	oo	r-d	b-bc	56	52	•	–	5	–	<2100	•
Southampton (Calshot)	oo	oo	orrRRmo	Rorrcbob	61	52	50	–	8	–	<2100	0·4
Dungeness	c	c	oprl	p	62	54	•	–	0·2	–	2200	•
Guernsey	cmo	omo	opr₀r₀	obobbc	63	52	•	–	1	–	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	7th 10h	Scotia	SSE	3	oe	51	44
1	7th 12h	Reindeer	E	2	o	56	52
3	8th 01h	Dieppe	W	1	ctl	57	52

GENERAL INFERENCE.

The depression off N.W. Ire[land] is moving slowly eastward and [illegible] secondary over the Southern No[illegible] Sea is moving east. The genera[illegible] pressure distribution continues favourable for the development [illegible] further disturbances, probably [illegible] a secondary character. Winds [illegible] the south will be mainly from [illegible] or S.W. with changeable, shower[illegible] weather. In the North winds [illegible] be easterly or variable with [illegible] cloud and rain at times. Temper[illegible] will be moderate generally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 8th June, 1924	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	Wind between W. and S.W. moderate or fresh; variable skies, showers, risk of thunder; visibility mainly good; moderate temperature	Unsettled generally
9. N. Midlands 10. N.E. England	Wind southerly, veering towards west, light or moderate to fresh locally; cloudy, local rain or showers, risk of thunder; visibility moderate to good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland	Wind easterly to variable, light or moderate; much cloud, rain at times, perhaps thunder locally then improving temporarily, mist locally; moderate temperature	
13. Isle of Man	As 1 - 8	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind mainly easterly, light or moderate; cloudy or dull, local rain or showers, mist locally; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south to southwest, moderate or fresh, some showers, fair periods at first, probably becoming dull with rain again later; visibility good to moderate; moderate temperature	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0910 GMT. G. C. Simpson, F.R.S., Dir.

† For Cards see opposite page.

SYNOPTIC CHART FOR 7h. SUNDAY, 8TH JUNE, 1924.

Scale - 1:10,000,000

Nautical Miles

Statute Miles

HIGH

Barometer Rising Slowly or Steady

Barometric Changes

HIGH

Falling Slowly

LOW

Barometer Falling

Barometer Rising

HIGH

"MONTCLARE" 10 53 Sea 52 Drizzle

"ORDUNA" 15 59 Sea 59 Rain

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

R.M.R.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....SUNDAY....8th JUNE.....1924. No. 160...

Observations at 0100 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1014·7	0	—	0	ffo	46	91	2	200 450	sc	10	—	10
Stornoway	51	1010·6	-2	E	2	r	•	•	4	•	•	•	•	•
Wick	81	1010·7	-2	ESE	2	o	48	97	5	—	—	0	HSC	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	31	1004·4	-1	ESE	4	od	56	92	7	1500	sc	9	—	9
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1009·1	-4	E	2	od	51	97	6	•	Nb	10	—	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1010·6	-2	S	2	or	62	97	5	1500	Nb	10	—	10
Blacksod Point ...	10	1005·1	-2	W	4	oPR	54	85	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1008·0	-3	SSE	4	or	54	97	6	450	Nb	10	—	10
Liverpool (Bidston) ...	139	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1010·9	-3	SE	4	orr	54	97	6	2500	Nb	10	—	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1012·7	-4	SSE	3	or	58	97	7	1500	Nb	10	—	10
Gorleston	13	1013·3	-6	SE'S	1	0	56	85	6	—	—	0	HSC	10
Valencia (Cahirciveen)	30	1014·4	+3	WSW	4	b-	53	85	6	—	sc	2	—	2
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1010·7	+1	W	5	djp	52	97	7	1500	Nb	7	—	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1012·8	-2	WSW	1	o/r	57	97	6	500	Nb	10	—	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1012·5	-4	N	1	opr	57	85	6	2500	scu	9	—	9
Scilly (St. Mary's) ...	131	1015·0	+3	W'N	5	b	53	97	7	—	—	0	—	0
Falmouth (Pendennis)	206	1014·1	+1	WNW	4	b-	53	85	8	5700	scu	2	—	2
Plymouth (Cattewater)	82	-	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1012·0	-3	WSW	4	c/r	54	92	6	2500	Nb	8	—	8
Southampton (Calshot)	12	1012·4	-1	SSW	4	orr	54	97	7	800	Nb	10	—	10
Dungeness	21	1013·0	-2	WNW	2	or	53	97	6	—	—	0	RSC	10
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rem.
Lerwick	1014·0	0	SE	1	ffo	46	97	3	450	sc	10	—	10	
Stornoway	1008·3	-1	E	1	o/r	53	55	6	450	sc	10	—	10	
Wick	1009·6	-2	ESE	2	o	48	97	7	1500	sc	10			
Castlebay												—	8	
Nairn	1007·5	•	—	0	c/r	53	92	7	1500	sc	8	—	10	
Aberdeen	1009·7	-1	ESE	2	od	50	97	1	4150	Nb	10			
Malin Head	1005·8	-1	SW	3	o	55	85	7	1500	sc	8	Acu	9	
Renfrew	1007·5	-1	—	0	or	55	97	5	1500	Nb	10	—	10	
Edinburgh (Inchkeith)	1007·5	-3	ESE	1	or	52	97	6	•	Nb	10	—	10	
Leuchars	1007·8	-2	E	1	ffo	50	97	1	4150	sc	10	—	10	
Eskdalemuir	1008·1	0	—	0	od	53	97	3	220	sc	10	—	10	
Tynemouth	1008·2	0	SE	1	od	51	97	5	800	Nb	10			
Blacksod Point ...	1007·2	+3	W	2	o	54	85	7	•	•	•	•	0	
Donaghadee	1008·2	0	—	0	c-	54	92	8	460	Nb	7	—	7	
Birr Castle	1011·2	•	W	2	cPR	59	92	5	800	scu	7	—	10	
Holyhead	1010·5	+3	SW'W	4	o	55	85	7	2500	scu	10	—	10	
Liverpool (Bidston) ...	1007·2	+1	WSW	5	o/r	52	97	6	2500	cuNb	10	—	10	
Chester (Shotwick) ...	1009·8	+3	WSW	5	o	56	85	7	1500	sc	10			
Harrogate	1008·4	-4	SSW	2	o/r	64	92	7	1500	sc	10	—	10	
Spurn Head	1009·8	0	SSW	3	o	55	92	7	4000	scu	10	—	10	
Birmingham (Edgbaston)	1011·5	+1	WSW	4	o/r	53	85	8	1500	Nb	10	—	10	
Cranwell	1010·5	0	SSW	3	o	55	92	7	800	scu	10	—	10	
Gorleston	1011·9	-1	WSW	2	o+	57	97	5	2500	Nb				
Valencia (Cahirciveen)	1015·1	+3	WSW	5	o	55	85	7	800	scu	9	—	9	
Roches Point	1015·0	+2	W	4	o	55	85	8	2500	scu	9	—	6	
Pembroke (St. Ann's H.)	1014·5	+4	WSW	5	bc-	54	85	7	1500	scu		—	8	
Ross-on-Wye	1012·8	+3	W'S	4	bc-	55	75	8	4000	cu	4	—	8	
Leafield	1014·7	+3	SW	3	c+	53	92	8	2500	sc	8			
Andover	1014·3	+5	WSW	4	or	53	92	8	1500	scu	10	—	10	
S. Farnborough ...	1013·5	+2	W	5	c	55	85	8	1500	cu	8	—	8	
London (Kew Obsy.) ...	1013·1	+2	WSW	3	c+	57	85	6	2500	cu	3	Acu	7	
Croydon	1013·0	+1	W	3	c-	54	85	8	450	s.cu	8	—	8	
Clacton-on-Sea ...	1012·1	0	WSW	3	o	57	85	7	1500	Nb	10	—	10	
Shoeburyness	1013·7	+1	WSW	3	opr	57	85	7	1500	cuNb	5	HSC	10	
Felixstowe	1012·1	0	SW'S	2	or	58	85	6	800	Nb	10	—	10	
Lympne	1013·4	+1	SW	3	mmo	54	97	4	4150	sc	10			
Scilly (St. Mary's) ...	1018·1	+2	W	5	bjp	53	92	7	4000	cuNb	4	Acu	5	5
Falmouth (Pendennis)	1017·0	+3	WNW	4	bc-	54	92	8	4000	cuNb	5	—	5	0
Plymouth (Cattewater)														
Portland Bill	1014·6	+4	W	6	b-	54	85	6	4000	cu	1	—	1	3
Southampton (Calshot)	1014·9	+4	W	5	b-	56	85	8	5700	scu	1	—	1	0
Dungeness	1012·4	0	SW	4	o/r	55	97	6	2500	Nb	4	RSC	10	4
Guernsey	1016·4	+4	W'S	4	b+	55	85	7	2500	cu	2	cu		

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 6h.-7h. °F	Temperature. Max. Day. 7h. °F.	Rainfall.† Night 17h.-9h. 6h.-7h. mm.	Rainfall.† Day 9h.-17h. 7h. mm.	Sunshine. Sunrise to 17h 7h.	Sunshine. Sunrise to Sunset. 6h. hr.
Berwick-on-Tweed	Zwbb	bpr	50	61	0·1	0·1	8·1	0·0
Douglas (IoM) ...	oFcb	oRf	49	66	3	4	0·1	0·0
Llandudno	or	or	51	62	—	4	2·3	0·8
Colwyn Bay ...	bc	rd	53	62	—	2	3·0	1·6
Rhyl	bcc	crc	53	64	—	0·6	3·4	6·4
Southport	c	oor	50	64	—	1	3·3	0·3
Blackpool	bcc	oor	53	64	—	0·2	2·7	0·0
Ilkley	cbcbc	bodo	51	62	—	0·2	2·4	0·4
Skegness	rocb	bco	53	65	2	—	4·8	2·3
Aberystwyth ...	ror	o	50	60	1	5	0·0	0·5
Bath	ocbcc	opco	55	62	Trace	1	0·1	3·7
Leamington Spa ...	cb3	opod	53	63	—	2	0·4	2·1
Lowestoft	omcmo	ocoo	53	64	0·5	—	2·1	3·2
Felixstowe	obc	ocom	56	64	0·4	—	3·1	7·8
Harwich & Dovercourt ...	cbcbc	cofu	55	66	0·3	—	4·0	6·3
Southend	bc3	bcco	56	70	Trace	—	3·9	7·5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 6h.-7h. °F	Temperature. Max. Day. 7h. °F.	Rainfall.† Night 17h.-9h. 6h.-7h. mm.	Rainfall.† Day 9h.-17h. 7h. mm.	Sunshine. Sunrise to 17h. 7h.	Sunshine. Sunrise to Sunset. 6h. hr.
Ilfracombe	cd	op	56	60	0·2	1	0·0	2·3
Bude ...	rro	ccc	54	60	2	4	0·0	1·4
Paignton ...	orco	orp	54	59	—	2	0·1	4·9
Torquay	coro	coro	54	58	—	3	0·0	5·8
Jersey	c	c	51	69	—	Trace	2·0	2·1
Weymouth	o	opo	52	59	0·2	0·2	0·0	2·4
Bournemouth ...	o	o	51	60	—	—	0·1	7·1
Portsmouth (S'thsea)	o	o	54	63	—	—	0·4	5·4
Littlehampton ...	oc	oc	53	63	—	—	2·0	6·4
Worthing	c	co	54	66	—	—	2·1	5·7
Brighton	c	o	55	63	—	—	3·3	5·0
Eastbourne	o	bc	58	64	—	—	3·2	
Hastings	cbc	bcco	56	67	—	—	4·6	3·1
Folkestone	co	co	54	66	—	—	3·3	3·5
Dover	ococ	co	52	66	Trace	—	4·1	4·0
Tunbridge Wells ...	cbc	co	53	71	—	—	2·6	6·3
Ramsgate	cbc	bcom	55	65	—	—	1·5	7·0
Margate	co	bco	56	70	—	—	2·6	6·2
Deal	ocbc	co	55	71	—	—	3·7	

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22845 Monday 9th June 1924.

Observations at 1300 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1013.1	-1	SE	1	ffo	47	97	3	450	St	10	-	10	·
Stornoway	1007.6	0	SSE	1	o+	58	85	6	1500	St	10	-	10	·
Wick	1008.8	-1	ESE	1	ifo	48	97	1	<150	St	10	-	10	·
Castlebay														·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1008.7	-1	ESE	1	orr	50	97	4	<150	Nb	10	-	10	2
Malin Head	1007.7	+2	W'S	4	c-	57	85	8	2500	Cu	7	-	7	·
Renfrew	1008.2	+1	WSW	3	or₀	57	92	7	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1007.2	0	S	1	olf	51	97	6	·	St	4	aSt	10	·
Leuchars	1007.3	0	-	0	odd	52	97	6	220	St	10	-	10	2
Eskdalemuir	1008.3	-1	W	3	or₀	56	85	7	1500	Nb	8	aSt	10	2
Tynemouth	1007.8	0	WNW	1	or₀	60	85	5	800	Nb	10	-	10	·
Blacksod Point	1010.0	+3	NW	4	o	56	85	9	·	·	·	·	10	·
Donaghadee	1009.5	0	W'S	3	o+	59	75	8	1500	StCu	9	-	9	·
Birr Castle	1013.0		SW	3	c+	58	85	7	1500	Nb	8	-	8	·
Holyhead	1012.2	+1	SW'S	4	b-	59	85	8	4000	StCu	2	-	2	2
Liverpool (Bidston)	1011.4	+2	WSW	5	b-	60	65	8	4000	StCu	2	-	2	·
Chester (Shotwick)	1011.0	0	W'N	5	c	65	55	9	2500	Cu	7	-	7	1
Harrogate	1009.1	+1	SW'W	5	o	56	75	7	1500	StCu	9	aCu	10	·
Spurn Head	1010.2	-1	W	5	o	57	75	6	4000	StCu	10	-	10	*
Birmingham (Edgbaston)	1012.8	+1	WNW	4	c+	61	65	8	4000	Cu	7	-	7	r
Cranwell	1011.8	+2	W'N	4	or	56	92	8	1500	Nb	10	-	10	2
Gorleston	1012.2	0	W	4	bc-	60	75	6	5700	Cu	5	-	5	·
Valencia (Cahirciveen)	1017.7	+2	WSW	4	c-	58	85	7	1500	StCu	8	-	8	!
Roches Point	1016.5	+3	W	4	c	62	65	8	4000	Cu	8	-	8	·
Pembroke (St. Ann's H.)	1016.0	0	W	5	bc	55	85	7	4000	StCu	6	-	6	·
Ross-on-Wye	1013.8	+1	WSW	4	cPR-	60	75	8	4000	CuNb	8	-	8	1
Leafield														
Andover	1015.1	+2	W'S	6	c	63	75	8	4000	Cu	7	-	7	1
S. Farnborough	1014.6	+1	W	5	c	65	65	9	1500	Cu	8	-	8	2
London (Kew Obsy.)	1014.8	+2	W'S	3	opr₀	59	75	7	800	CuNb	9	-	9	2
Croydon	1014.5	+1	W	3	c-	63	65	8	2500	Cu	8	-	8	1
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1013.7	+2	W	5	bc-	64	55	8	5700	Cu	5	-	5	·
Felixstowe	1013.1	+2	W'S	4	bc-	64	55	8	4000	Cu	6	-	6	1
Lympne	1015.0	+2	W'S	5	c-	60	65	8	2500	Cu	8	-	8	0
Scilly (St. Mary's)	1020.1	+2	W'N	5	b	60	85	8	4000	Cu	2	-	2	·
Falmouth (Pendennis)	1019.0	+1	WNW	5	bc	60	75	8	4000	CuNb	5	-	5	·
Plymouth (Cattewater)	1018.2	+1	WNW	5	bc-	59	65	8	2500	Cu	5	-	5	1
Portland Bill	1016.7	+1	W	5	c+	55	92	6	4000	CuNb	4	Ci	7	·
Southampton (Calshot)	1016.3	+1	SW	6	bc-	60	75	8	2500	StCu	5	Ci	6	0
Dungeness	1015.6	+2	WSW	6	bc	59	75	7	4000	Cu	5	-	5	·
Guernsey	1020.6	+1	W	5	c	58	85	7	1500	Cu	7	-	7	·

Observations at 1800 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1012.7	-1	E'N	1	ffo	48	97	3	450	Nb	10	-	10	0
Stornoway	1008.5	+1	E	1	o	56	85	6	1500	St	9	-	9	0
Wick	1009.0	0	ESE	1	or₀r₀	48	97	2	220	St	10	-	10	0
Castlebay														
Nairn	1008.4	·	—	0	o+	51	92	7	1500	St	10	—	10	·
Aberdeen	1008.4	0	NNE	2	or₀r₀	50	97	4	<150	Nb	10	-	10	0
Malin Head	1008.7	+1	WSW	4	o	55	92	7	1500	St	10	-	10	1
Renfrew	1008.7	+1	WSW	3	o	58	85	8	2500	St	10	-	10	·
Edinburgh (Inchkeith)	1007.6	-1	WSW	3	olr	53	97	8	·	St	4	aSt	10	1
Leuchars	1007.4	0	-	0	or₀	53	97	6	450	St	7	aSt	10	·
Eskdalemuir	1008.9	+1	W'N	2	o	57	75	7	4000	StCu	5	aSt	10	·
Tynemouth	1008.5	+1	W	2	or₀	57	85	7	800	Nb	9	-	9	5
Blacksod Point	1013.7	+2	NW	3	o	56	85	8	·	·	·	·	10	5
Donaghadee	1010.5	0	W	2	bc-	60	85	8	800	StCu	6	-	6	3
Birr Castle	1014.1	·	W	3	c+	55	92	6	2500	Nb	8	—	8	·
Holyhead	1012.9	+1	WSW	4	or₀	56	75	8	2500	Nb	9	-	9	3
Liverpool (Bidston)	1012.1	+1	WSW	4	c	56	75	8	2500	CuNb	7	-	7	4
Chester (Shotwick)	1012.2	+2	WSW	5	ojp	58	75	6	2500	St	10	-	10	·
Harrogate	1010.1	+1	WSW	4	bc-	57	75	7	4000	CuNb	2	aCu	4	·
Spurn Head	1010.7	+1	W	4	c	58	75	7	4000	StCu	7	-	7	2
Birmingham (Edgbaston)	1013.8	+2	W	4	c	59	75	8	2500	Cu	7	-	7	·
Cranwell	1012.8	+1	W'S	3	bc-	56	85	8	4000	StCu	5	-	5	·
Gorleston	1012.9	+1	SW	1	c+	62	65	6	5700	Cu	7	-	7	0
Valencia (Cahirciveen)	1019.3	+2	W'S	4	c	57	85	7	1500	Cu	4	Ci	7	4
Roches Point	1017.8	+1	WNW	4	bc-	60	75	8	4000	StCu	4	Ci	5	3
Pembroke (St. Ann's H.)	1016.2	0	W	5	bc-	54	85	7	4000	StCu	4	-	4	5
Ross-on-Wye	1014.8	+1	WSW	3	c/r	58	75	8	4000	StCu	8	-	8	·
Leafield	1014.8	+5	SW	3	bc/r	58	85	8	4000	CuNb	6	-	6	·
Andover	1016.2	+1	W	6	bc-	59	75	8	4000	Cu	4	-	4	*
S. Farnborough	1015.7	+1	W	5	bc	62	65	9	2500	Cu	3	aCu	4	·
London (Kew Obsy.)	1015.6	+3	W'S	3	or-	56	75	8	1500	Nb	9	-	9	·
Croydon	1015.4	+1	W'N	4	cjp	62	65	8	2500	Cu	8	-	8	·
Clacton-on-Sea	1014.8	+2	WSW	4	ctl	60	75	7	1500	CuNb	5	aCu	8	1
Shoeburyness	1014.7	+1	NWW	2	bc/r	59	75	8	4000	CuNb	3	aCu	5	·
Felixstowe	1014.1	+1	SWW	4	bc/r	56	85	9	2500	Nb	6	-	6	1
Lympne	1015.4	0	SW	5	bcjp	59	75	8	2500	CuNb	4	-	4	·
Scilly (St. Mary's)	1020.8	+1	W'N	4	c+	58	85	8	2500	Cu	7	-	7	4
Falmouth (Pendennis)	1020.0	+1	WNW	5	bc	59	75	8	4000	Cu	5	-	5	0
Plymouth (Cattewater)	1019.3	+2	WSW	6	bc-	58	65	8	4000	Cu	4	Ci	5	1
Portland Bill	1017.4	+2	W	5	b-	55	85	6	4000	Cu	2	-	2	3
Southampton (Calshot)	1017.1	+1	WSW	4	bc-	60	85	8	2500	Cu	4	-	4	3
Dungeness	1015.9	0	WSW	6	bc	57	85	7	4000	Cu	2	aCu	4	6
Guernsey	1021.1	+1	W	5	bc	56	92	7	1500	Cu	3	Ci	4	1

LONDON OBSERVATIONS. (Kew, Croydon: 24 hours ended 0700) — Weather and Temperature: 24 HOURS ENDED 0000 G.M.T. 9th

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	copr₀	bcccror	orbcbbbca	·	·	49	1	0.3	6.4	·	·	
Croydon	244	or₀c	cp₀vy	bccco		·	48	tr	—	7.6	·	·	
Greenwich (Royal Obsy.)	149	c	cocpbc	bcbpc	68	62	46	2	-	6.8	56	73	·
City (Bunhill Row)	80	·	·	·	·	·		·	·				·
Westminster (St. James' Pk.)	27	·	·	·									·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·		·	·	·
Camden Square	110	oc	corc	·	66	53	49	4	—	·	·	71	·
Kensington Palace	80	orbc	co	·	67	*	49	4	0	·	(At 18h 52)	67	·
Hampstead Observatory	450	·	·	·									·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 8th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th ....h....m. to 9th ....h....m.

Stars.	Exposure. h. m.	Record. h. m.	%
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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h.	-	-		
18h.	-	-	-	-
1h.	-	-	-	-
7h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 8th & 10th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.33	11.52	8.12
	3.32	11.52	8.12
Greenwich	3.46	11.59	8.12
	3.45	11.59	8.13
Wick	3.9	12.11	9.12
	3.9	12.11	9.13
Valencia	4.24	12.40	8.57
	4.23	12.40	8.57

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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; - = "decreasing"; + = "increasing."

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

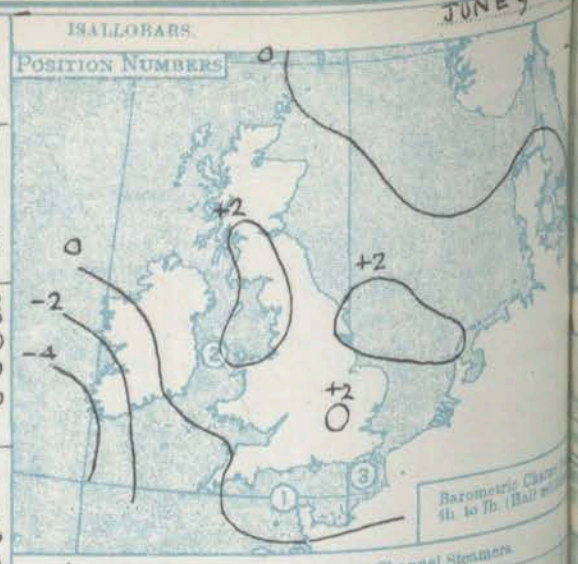
¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

JUNE 9th 1924

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 8th	13h.-18h. 8th	18h. 8th to 1h. 9th	1h.-7h. 9th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 8th Hours.
Lerwick	omf	ofr	omr	omrd	49	47		0.1	6	-	<2100	0.0
Stornoway	c	c2	f-m	oo	60	48		-	0.2	-	-	2.0
Wick	oidmr	Fr	rF	FFmmdo	48	47		4	3	0900	<2100	
Castlebay	cmg	pcmg	oirgm	ogm	54	50		0.2	3	1530	<2100	0.2
Nairn	feDrm	rrm	oir	omm	51	50	49	11	0.1	<0800	<2100	0.0
Aberdeen												
Malin Head	com	bccom	dofo	dofo	58	50		-	0.2	-	<2100	0.6
Renfrew	or	or	oo	ob	59	52	50	2	-	<0800	-	0.5
Edinburgh (Inchkeith)	iFrr	mid	p	oo	54	51	51	1	1	<0800	<2100	0.0
Leuchars	oFrm	oid	or	oco	54	50	46	4	0.3	<0800	<2100	0.0
Eskdalemuir	omiror	op	oo	od	57	50	49	2	0.1	<0800	0130	0.0
Tynemouth	oRRm	oir	oir	oir	61	54	52	1.5	4	<0800	<2100	
Blacksod Point	do	po	dd	dc	58	51		0.4	5	-	-	
Donaghadee	o	o	o	o	62	51		-	-	-	-	
Birr Castle	co	copr	co	co	59	52	50	Trace	3	1530	-	3.2
Holyhead	cbcc	bccp	id	id	59	51	51	Trace	Trace	1430	<2100	4.6
Liverpool (Bidston)	dobc	pobc	srm		62	51	51	Trace	5	-	0630	5.9
Chester (Shotwick)	oocc	cprOov	opco	oodd	66	63	52	Trace	0.1	1430	<2100	3.6
Harrogate	oo	b-bc	b-bc		59	58	49	Trace	-	-	-	2.7
Spurn Head	oo	cobrc	c	oo	60	53		1	2	<0800	<2100	2.1
Birmingham (Edgbaston)	orc	cPR	cbco	oo	62	52	51	2	-	<0800	-	5.0
Cranwell	opob	p	cbc	cp	63	52	46	0.4	0.1	1230	0330	4.5
Gorleston	ombrc	bcqrc	bcid	bcco	66	53	49	0.6	4	0900	<2100	5.2
Valencia (Cahirciveen)	oco	obcc	cbc	bcwco	59	51	45	-	-	-	-	5.7
Roches Point	opc	cbc	bw	bM	63	47		0.3	Trace	<0800	-	
Pembroke (St. Ann's H.)	c	bcqr	bcqr	b-bc	57	51		-	-	-	-	10.4
Ross-on-Wye	bcpcpbc	pcobpc	pco	oo	61	53	50	2	0.4	1100	<2100	7.0
Leafield	pqpr	rco	qpro	oqrc	61	51	47	1	0.1	0900	<2100	6.8
Andover	obrc	cbc	bbc	bc	64	50	49	0.1	-	<0800	-	11.7
S. Farnborough	cbcc	cbcv	bcb	bbcco	68	50	46	-	-	-	-	11.7
London (Kew Obsy.)	copr	bcccror	orbcb	bbco	66	54	49	1	0.3	1230	<2100	6.4
Croydon	orc	cpvy	bcc	co	65	63	48	Trace	-	0900	-	7.6
Clacton-on-Sea	opcbc	bcct	cpo	oc	66	54	51	Trace	0.2	<0800	<2100	5.7
Shoeburyness	obrcbcq	bcyobbc	bcc	co	65	53	49	6	0.7 Tr	1530	<2100	6.3
Felixstowe	orocy	cybcprv	cvo	ocpr	65	53	51	1	Tr	<0800	0530	6.5
Lympne	omc	cpbcl	bbcbw	bcco	62	49	47	Trace	-	<0800	-	9.0
Scilly (St. Mary's)	bcb	bbc	cbc	bbc	60	51		-	-	-	-	10.7
Falmouth (Pendennis)	bc	bc	bc	bc	61	50		-	-	-	-	12.4
Plymouth (Cattewater)	opcbcq	obcbpbc	bqr	bcbw	61	53	52	Trace	-	0900	-	9.6
Portland Bill	c	c	b-bc	b-bc	56	53		-	-	-	-	
Southampton (Calshot)	cbcqr	cpqbc	bcb	b	62	52	51	0.1	-	1330	-	12.9
Dungeness	c	b-bc	bcqr	c	60	54		-	-	-	-	
Guernsey	bbcc	cbcqr	bcb	codoc	58	52		-	Trace	-	-	



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1000 8th	Scotia	W	3	b	58	49

GENERAL INFERENCE.

A deep depression is situated to southwest of Ireland, and is spreading quickly eastwards. Winds are likely to back towards south generally and may reach gale force locally on the south and southwest coasts; dull weather with rain extending to all districts. Temperature will be moderate to rather warm.

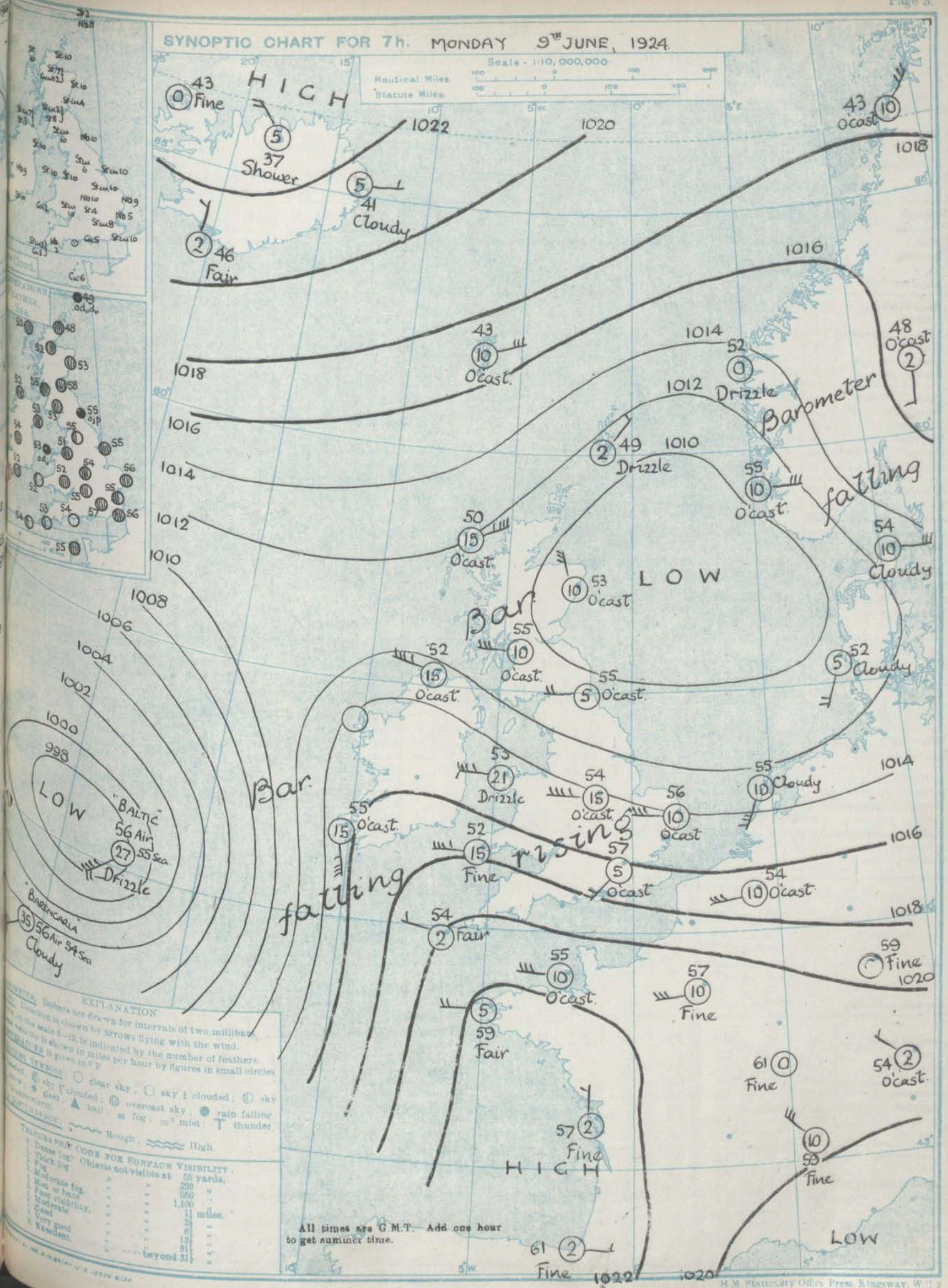
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 9th June, 1924.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate westerly winds, backing towards south and freshening; fair at first becoming dull with some rain probable later; visibility mainly good; rather warmer.
5. S.W. England 6. South Wales	Strong or high southerly wind, reaching gale force locally; dull, some rain; visibility moderate; rather warm.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate westerly wind, backing towards south and freshening; cloudy to dull, some rain; visibility moderate or good; moderate temperature to rather warmer.
11. E. Scotland 12. S.W. Scotland	Wind variable, light or moderate, freshening from S. or S.E.; cloudy to dull, some rain; visibility moderate; rather warmer.
13. Isle of Man	As 7 - 10.
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind easterly, light or moderate; cloudy or dull, some rain or drizzle; visibility moderate; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland	Wind S. to S.E., moderate to strong; dull, some rain; visibility poor or moderate; rather warmer.
19. S.E. Ireland 20. S.W. Ireland	Wind southerly, strong to gale; dull, some rain; visibility poor or moderate; rather warm.

Further Outlook: Unsettled generally.

† South Cone hoisted at 1000 B.S.T 9/6/24.

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 opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday 9th June 1924. No. 161

Observations at 0100 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1012.6	0	NE	1	or,f,o	48	97	5	800	Nb	10	–	10
Stornoway	51	1012.0	+4	NE	1	ff b	•	•	3	•	•	•	•	•
Wick	81	1009.6	0	NNW	1	ff o	47	97	1	4150	Sc	10	–	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	31	1012.8	+2	WNW	4	imo	53	97	4	1500	Sc	10	–	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1009.0	+2	W	3	o	52	97	8	•	CuNb	4	ASc	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1009.1	0	W	1	ojp	55	85	6	800	Nb	10	–	10
Blacksod Point	10	1015.8	+1	[illegible]	0	o	52	92	8	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	28	1013.9	+1	WSW	4	o	54	85	6	1500	Sc	10	–	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1011.5	+1	SW'W	4	cpr,o	54	92	7	4000	Nb	8	–	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1013.4	–1	W	3	bc+	53	92	8	2500	SCu	5	–	5
Gorleston	13	1014.0	+1	WSW	2	bcd	54	92	7	4000	Nb	4	–	4
Valencia (Cahirciveen)	30	1019.4	0	WSW	2	bc-	53	92	8	≋	Sc	5	–	5
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1017.3	0	W	4	bc	52	86	8	4000	SCu	4	–	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	57	•	•	•	•	•	•	•
Croydon	244	1016.8	0	W	3	c+	53	85	7	4000	SCu	8	–	8
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1017.3	+1	WSW	3	b	51	92	7	4000	SCu	3	–	3
Scilly (St. Mary's)	131	1021.6	0	W'N	3	b	52	97	7	4000	SCu	1	–	1
Falmouth (Pendennis)	200	1020.6	0	WNW	2	b	53	85	8	5100	SCu	2	–	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1019.0	0	W	5	b	53	85	7	4000	Cu	1	–	1
Southampton (Calshot)	12	1016.3	0	WSW	4	b	52	85	8	4000	SCu	1	–	1
Dungeness	21	1017.4	+1	WSW	4	bc	54	92	8	4000	Cu	4	–	4
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1011.2	–1	NE	1	od,d,o	49	97	5	1500	Nb	10	–	10
Stornoway	1012.0	+1	ENE	4	o	50	97	7	800	Sc	10	–	10
Wick	1010.3	–1	NNW	2	o/r	48	97	6	4500	Sc	10		
Castlebay	•	•	•	•	•	•	•	•	•	•	•	–	9
Nairn	1010.0	•	–	0	o/r	52	92	5	1500	Sc	9	–	10
Aberdeen	1009.9	+1	NNW	3	o	53	92	6	800	Sc	10	–	10
Malin Head	1013.5	0	W'N	4	o/f	52	85	7	1500	SCu	10	–	10
Renfrew	1011.8	+2	W	3	o	55	92	6	800	Sc	10	–	10
Edinburgh (Inchkeith)	1010.6	+1	W	3	o	53	92	7	•	Sc	10	ASc	9
Leuchars	1009.8	+1	WSW	1	o	58	85	7	5700	SCu	4	–	10
Eskdalemuir	1010.6	+2	W	2	o	53	85	7	1500	SCu	10	–	10
Tynemouth	1010.5	+1	W	2	ojp	55	85	6	1500	Nb	10		
Blacksod Point	1014.1	0	–	0	o	52	85	7	•	•	•	•	10
Donaghadee	1013.9	0	W	3	o	53	92	8	450	Sc	10	–	10
Birr Castle	1015.8	•	W	1	o	54	92	6	1500	Nb	9	–	9
Holyhead	1014.7	+2	W	5	od,o	53	92	6	1500	Sc	13	–	10
Liverpool (Bidston)	1014.7	+2	WSW	4	o/r	51	97	6	2500	Nb	10	–	10
Chester (Shotwick)	1014.1	+1	W'S	4	od,o	53	97	7	800	Sc	10		
Harrogate	1011.8	+0	WSW	4	bc+	55	85	7	4000	SCu	6	–	6
Spurn Head	1012.3	+2	W	4	o	55	92	7	4000	SCu	10	–	10
Birmingham (Edgbaston)	1015.5	+1	W	4	o	54	85	7	1500	Nb	10	–	10
Cranwell	1013.7	+1	WSW	4	o	56	97	8	2500	SCu	10	–	9
Gorleston	1014.3	0	W	3	o+	56	85	6	4000	Nb	9		
Valencia (Cahirciveen)	1015.6	–4	SSE	4	o+	55	85	7	1500	Sc	4	ASc	10
Roches Point	1019.3	–1	S	2	o	52	97	4	4150	Sc	10	–	3
Pembroke (St. Ann's H.)	1017.7	0	W	4	b	52	92	8	2500	Cu	2	Cu	10
Ross-on-Wye	1016.5	0	W'S	3	o	52	85	8	4000	SCu	10	–	6
Leafield	1016.3	+1	W	4	bc-	55	85	7	2500	Sc	4	ASc	
Andover	1017.9	0	WSW	5	c+	55	85	8	2500	Cu	8	–	8
S. Farnborough	1016.9	+1	W	4	o	57	85	9	1500	Cu	9	ACu	9
London (Kew Obsy.)	1017.0	+2	SW	2	o-	57	85	7	1500	SCu	8	–	9
Croydon	1017.0	+1	W	4	o	55	85	8	1500	SCu	9		
Clacton-on-Sea	1015.5	0	W	4	c	55	85	7	1500	Nb	5	ACu	7
Shoeburyness	1016.2	0	W'N	3	o	55	85	6	4000	SCu	8	ASc	9
Felixstowe	1015.4	0	W'S	4	opr,o	56	92	6	2500	Nb	9	–	10
Lympne	1017.1	+1	WSW	3	o	53	85	8	2500	Sc	10		
Scilly (St. Mary's)	1020.0	–1	W'N	1	bc+	54	97	7	4000	Cu	5	–	5
Falmouth (Pendennis)	1020.4	0	WNW	2	b+	53	97	8	5700	SCu	3	–	3
Plymouth (Cattewater)	1019.7	0	W	4	b+	54	85	7	1500	Nb	2	Ci	3
Portland Bill	1018.2	0	W	5	b	54	85	7	–	–	0	–	8
Southampton (Calshot)	1018.4	0	W	4	bc+	57	75	8	4000	Cu	5	–	10
Dungeness	1017.2	0	W	4	o	56	85	7	2500	SCu	10	–	7
Guernsey	1021.0	0	W'S	3	c	54	92	6	1500	Cu	6	ACu	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 7th–8th °F.	Temperature. Max. Day. 8th °F.	Rainfall.† Night 17h.–9h. 7th–8th mm.	Rainfall.† Day 9h.–17h. 8th mm.	Sunshine. Sunrise to 17h. 8th	Sunshine. Sunrise to Sunset. 7th hr.
Berwick-on-Tweed	prFr	prRR	48	57	4	8	0.0	8.1
Douglas (IoM)	bc	b	51	59	14	0.3	2.8	0.1
Llandudno	bc	cbcc	52	61	2	–	6.8	2.3
Colwyn Bay	bc	bcc	52	64	2	–	7.8	3.0
Rhyl	cbc	bcrd	54	65	1	–	7.0	3.4
Southport	oro	oco	52	60	3	0.2	2.2	3.3
Blackpool	or	oco	52	59	12	–	0.9	2.7
Ilkley	obcbc	c	53	60	9	–	0.4	2.4
Skegness	oRco	co	55	64	6	2	1.8	4.8
Aberystwyth	rcb	bc	52	58	6	–	8.5	0.0
Bath	bcb	bbc	54	63	1	–	7.7	0.1
Leamington Spa	c	bc	54	64	1	0.4	6.0	0.3
Lowestoft	obo	ocbc	55	67	5	2	3.9	2.1
Felixstowe	o	bcbc	56	65	3	1	4.4	3.1
Harwich & Dovercourt	cdc	curkoc	57	66	3	1	4.8	4.0
Southend	bc	cRc	55	66	5	5	5.0	3.9

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 7th–8th °F	Temperature. Max. Day. 8th °F.	Rainfall.† Night 17h.–9h. 7th–8th mm.	Rainfall.† Day 9h.–17h. 8th mm.	Sunshine. Sunrise to 17h. 8th	Sunshine. Sunrise to Sunset. 7th
Ilfracombe						–	7.4	0.0
Bude	cbccc	cbcc	54	60	1		11.9	0.0
Paignton						0.1		
Torquay	b	cpbc	50	65	2		11.5	0.0
Jersey						–		
Weymouth	cbc	bcb	51	64	6		11.0	0.0
Bournemouth	b	b	50	64	8	–	10.6	0.0
Portsmouth (S'thsea)	b	b	53	64	14	0.3	8.7	0.0
Littlehampton	bc	bcp	54	61	9	–	7.6	0.0
Worthing	bcc	cbc	54	61	6	–	9.6	0.0
Brighton	c	c	54	63	1	0.1	9.2	0.0
Eastbourne	bc	bc	54	59	3			
Hastings						0.1	7.4	4.0
Folkestone	c	c	54	64	–	–	6.3	2.8
Dover	cococ	cbcb	54	63	5		6.2	1.8
Tunbridge Wells	cbc	bccbcp	54	65	8	Trace	4.5	2.0
Ramsgate	bc	bcplr	55	66	8	7	4.9	2.0
Margate	c	bclr	56	65	3	16	6.3	2.0
Deal		bcpbc	54	70	5	–		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22846 Tuesday 10th June 1924.

Observations at 1300 G.M.T. 9th

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	1010·5	0	NE	1	0	50	92	6	1500	St	4	A.St	10	·
Stornoway	1012·1	+1	ENE	3	0	50	92	5	800	St	10	-	10	·
Wick	1011·1	+1	NNW	2	0	51	92	7	1500	St	10	-	10	·
Castlebay														·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1010·9	+1	NW	3	0	56	85	7	1500	St	9	-	9	1
Malin Head	1012·4	9	WNW	3	0	55	85	8	4000	CuNb	7	A.Cu	9	·
Renfrew	1011·8	-1	SW	2	0	56	85	7	2500	StCu	10	-	10	2
Edinburgh (Inchkeith)	1010·5	-1	SW	4	c/f	58	85	8	·	St	3	A.Cu	7	·
Leuchars	1010·0	-1	ESE	3	c	63	75	6	4000	Cu	7	-	7	1
Eskdalemuir	1012·1	0	SSW	3	0	55	85	6	1500	StCu	10	·	10	2
Tynemouth	1011·4	0	WNW	2	c	63	75	7	4000	Cu	8	-	8	·
Blacksod Point	1011·0	-2	SSW	1	od	57	75	8	·	·	·	·	10	·
Donaghadee	1014·1	0	WSW	2	c-	57	85	8	450	St	7	-	7	·
Birr Castle	1013·5	*	SW	1	0	61	75	6	1500	Nb	9	-	9	·
Holyhead	1015·2	0	S'W	2	0	57	85	8	4000	StCu	10	-	10	1
Liverpool (Bidston)	1014·6	-1	W	2	o/r	55	85	7	2500	CuNb	10	·	10	1
Chester (Shotwick)	1014·6	-1	NW'N	4	0	57	85	8	800	StCu	10	-	10	1
Harrogate	1012·8	?	W'S	4	bc+	60	85	7	4000	CuNb	4	-	4	·
Spurn Head	1012·8	0	W	3	0	58	75	6	2500	StCu	10	-	10	·
Birmingham (Edgbaston)	1015·5	0	W	4	0	58	75	8	2500	Nb	10	-	10	·
Cranwell	1014·5	0	W	2	0	59	85	8	2500	StCu	10	-	10	0
Gorleston	1014·8	0	WSW	4	c-	63	75	7	2500	Cu	7	-	7	·
Valencia (Cahirciveen)	1011·1	-5	SE'S	6	or	55	85	7	1500	St	7	A.St	10	!
Roches Point	1016·3	-3	S	3	orr	54	97	6	1500	Nb	10	-	10	·
Pembroke (St. Ann's H.)	1017·2	-1	W	4	o+	54	85	7	2500	Cu	2	A.St	10	·
Ross-on-Wye	1015·7	-1	WSW	3	c	62	65	8	4000	StCu	8	-	8	1
Leafield	1016·3	0	W	3	c	59	75	8	4000	Cu	3	A.Cu	8	1
Andover	1016·7	-1	W	4	c	64	65	9	4000	Cu	8	-	8	1
S. Farnborough	1016·6	-1	W	4	o+	65	65	9	2500	Cu	8	Ci	9	1
London (Kew Obsy.)	1016·2	-1	W	3	c	65	65	9	4000	Cu	8	-	8	1
Croydon	1016·6	0	W	3	0	62	65	8	2500	StCu	9	-	9	0
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1016·2	0	SW	2	c-	62	85	8	4000	Cu	4	A.St	7	·
Felixstowe	1015·8	0	WNW	2	0	61	75	7	2500	StCu	9	-	9	1
Lympne	1016·6	-1	WSW	4	c	61	65	8	1500	St	6	Ci St	8	0
Scilly (St. Mary's)	1019·1	-1	SSW	3	o+	59	85	7	4000	StCu	9	·	9	·
Falmouth (Pendennis)	1018·9	0	WSW	4	c+	60	75	8	5700	StCu	7	-	7	·
Plymouth (Cattewater)	1018·6	-1	SSW	4	c	59	85	8	2500	Cu	1	Ci	8	0
Portland Bill	1018·0	-2	WSW	5	bc+	55	85	7	-	-	0	Ci St	6	·
Southampton (Calshot)	1017·9	-2	SW	5	bc-	59	75	8	4000	StCu	4	Ci	5	0
Dungeness	1017·6	0	WSW	5	bc-	60	75	7	-	-	0	CiCu	5	·
Guernsey	1019·8	-3	WSW	3	0	58	85	8	2500	Cu	5	Ci	9	·

Observations at 1800 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	Upper Form.	Total Amt. 0-10	[illegible]
Lerwick	1009·9	-1	-	0	bc	50	92	6	1500	St	5	A.St	10	0
Stornoway	1010·5	-2	ENE	3	0	50	92	6	1500	St	10	-	10	2
Wick	1009·8	-1	NW	2	0	50	92	7	1500	St	10	-	10	0
Castlebay														
Nairn	1010·0	·	-	0	c	54	85	7	1500	St	8	-	8	·
Aberdeen	1010·6	0	NE	2	0	53	85	6	1500	St	10	·	10	0
Malin Head	1009·9	-2	ENE	2	0	52	92	8	4000	StCu	8	Ci St	9	?
Renfrew	1011·1	-1	SW	3	0	54	92	7	1500	St	10	-	10	·
Edinburgh (Inchkeith)	1009·7	-2	SW	4	c	56	75	8	·	-	0	Ci St	7	2
Leuchars	1009·5	0	NNE	2	0	56	85	6	5700	StCu	6	A.St	10	·
Eskdalemuir	1011·5	0	SW	3	0	54	85	6	2500	StCu	10	-	10	·
Tynemouth	1010·8	0	W	3	c+	61	65	6	1500	Nb	8	-	8	0
Blacksod Point	1005·9	-2	NW	3	oPR+	55	92	7	·	·	·	·	10	5
Donaghadee	1011·9	-1	SW	3	c	56	85	8	450	St	7	·	7	2
Birr Castle	1010·3	·	SE	1	or	54	97	5	800	Nb	9	·	9	·
Holyhead	1013·3	-3	SSW	4	or_o	53	92	6	450	St	10	-	10	
Liverpool (Bidston)	1013·7	-1	WSW	2	0·	54	85	7	2500	CuNb	10	·	10	3
Chester (Shotwick)	1014·0	-1	SWW	4	0	57	65	8	2500	St	4	A.St	10	"
Harrogate	1012·8	+1	SW'W	3	o+?	55	97	8	4000	StCu	10?	-	10?	·
Spurn Head	1013·1	0	W	3	0	58	75	7	2500	StCu	10	-	10	1
Birmingham (Edgbaston)	1014·7	-1	NW	2	o+	59	75	8	2500	CuNb	9	-	9	·
Cranwell	1014·6	0	W	3	0	57	85	8	2500	StCu	10	-	10	·
Gorleston	1014·8	0	WSW	3	0	61	75	7	2500	Nb	10	·	10	0
Valencia (Cahirciveen)	1004·5	0	S'W	5	b-	59	85	7	1500	StCu	3	-	3	4
Roches Point	1012·7	-4	SW'S	4	or_or_o	53	97	6	1500	Nb	10	-	10	3
Pembroke (St. Ann's H.)	1014·0	-3	WSW	4	ORR	52	92	6	1500	Nb	10	-	10	5
Ross-on-Wye	1015·3	-1	WSW	3	o+	59	65	8	2500	Nb	2	A.St	9	·
Leafield	1015·1	-2	W	1	bc+	59	75	8	2500	St	2	Ci	5	·
Andover	1016·5	-1	SW	4	o+	58	85	8	2500	StCu	8	Ci	10	0
S. Farnborough	1016·0	-1	WSW	4	0	62	75	9	2500	Cu	7	Ci	9	·
London (Kew Obsy.)	1015·8	-1	SW	3	0	64	65	8	4000	Cu	7	Ci	9	·
Croydon	1015·8	-1	SW'W	3	0	60	75	8	4000	StCu	6	A.St	9	·
Clacton-on-Sea	1015·4	-1	W	3	0	62	75	7	5700	StCu	8	A.St	10	0
Shoeburyness	1016·0	0	SW	1	0	61	92	7	4000	StCu	9	·	9	·
Felixstowe	1015·3	0	WSW	2	0	62	75	7	5700	StCu	4	A.St	10	0
Lympne	1016·4	0	SWW	3	o-	58	75	8	2500	StCu	3	Ci St	9	·
Scilly (St. Mary's)	1016·4	-2	SW'S	3	orr	54	97	6	4000	Nb	10	·	10	4
Falmouth (Pendennis)	1016·8	-2	SW	3	oR-	54	97	7	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1017·2	-2	SSW	4	od_o	55	92	7	800	Nb	9	A.St	10	1
Portland Bill	1017·0	-2	WSW	6	c+	54	92	7	-	-	0	Ci Cu	8	4
Southampton (Calshot)	1017·0	-1	SW	5	c-	58	85	8	4000	StCu	1	Ci	7	3
Dungeness	1016·8	-1	WSW	4	c-	56	85	7	-	-	0	CiCu	7	4
Guernsey	1019·0	-2	W	3	0	55	85	8	-	-	0	A.Cu	9	1

London Observations.

24 Hours ended 0900 G.M.T. 10th. (Kew, Croydon: 24 hours ended 0700)

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °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	oc	co	o/bor	·	·	52	-	3	3·4	·	·	[illegible]
Croydon	244	co	ovco	cowrd	·	·	48	-	1	1·9	·	·	[illegible]
Greenwich (Royal Obsy.)	149	co	o	ocorbc	67	52	47	-	!	1·5	58	69	[illegible]
City (Bunhill Row)	80	·	·	··	·	·	·	·	·	2·2	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	65	54	53	2		2·3	71	62	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	1·9	·	·	·
Camden Square	110	oco	oc	·	65	53	50	-	3	·	·	76	·
Kensington Palace	80	bco	obc	·	66	-	51	-	2	·	(At 18h 49)	47	·
Hampstead Observatory	450	·	·	·	64	51	-	-	3	4·4		81	·

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 9th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Pole Star Record at Greenwich Obsy.

Exposure from 10th 21h 45m. to 11th 02h 15m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	Nil	Nil
δ Ursae Minoris	4 30	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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
1h.	·	·	-	
7h.	-	-	-	-
13h.	-			-
18h.				-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

10th – 11th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·32 / 3·32	11·52 / 11·52	8·12 / 8·13
Greenwich	3·45 / 3·45	11·59 / 11·59	8·13 / 8·13
Wick	3·9 / 3·8	12·11 / 12·11	9·13 / 9·14
Valencia	4·25 / 4·23	12·40 / 12·40	8·57 / 8·58

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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; - = "decreasing"; + = "increasing."

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.

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.

¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

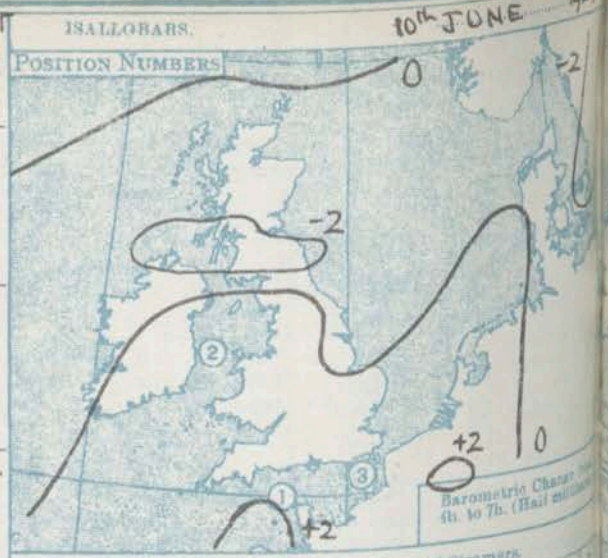
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9th	13h.-18h. 9th	18h. 9th to 1h 10th	1h.-7h. 10th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 9th Hours.
Lerwick	omd	o	omd	om	52	47	.	0·3	Trace	L0800	L2100	0·0
Stornoway	oo	oo	c	f-m	51	47	.	-	-	-	-	0·0
Wick	oo	oo	oir₀	oo	52	46	.	-	Trace	-	2200	.
Castlebay		.					.					
Nairn	odd₀m	cm	cirgm	cpm	54	49	.	0·6	2	0900	2400	0·0
Aberdeen	ooco	o	oirm	oid₀f	57	48	48	-	2	-	L2100	0·5
Malin Head	coz.	com	oRir	oirbc	55	50	.	-	5	-	2200	1·0
Renfrew	oo	oo	oo	oorrr	58	51	46	-	5	-	0130	0·0
Edinburgh (Inchkeith)	ome	c	c	our	58	50	50	-	0·6	-	0330	7·0
Leuchars	c	copr₀	oo	o₀	65	50	47	0·1	0·2	1530	0630	2·3
Eskdalemuir	oo	oo	oom	orrm	59	47	47	-	3	-	2400	0·4
Tynemouth	c	bcc	co	oir₀	66	52	50	-	2	-	-	.
Blacksod Point	ogogd	dgor	pr	rp	9	52	.	4	1	-	-	.
Donaghadee	oo	oo	or.	opb	58	51	.	-	3	-	L2100	.
Birr Castle	co	coir	coir	co	61	48	39	2	1	1430	L2100	1·3
Holyhead	id₀co	oo	rrp	id₀m	58	50	49	Trace	7	L0800	L2100	1·0
Liverpool (Bidston)	odm	op₀	bcop		56	50	47	Trace	2	0900	2200	0·0
Chester (Shotwick)	omdo	oo	oorrd₀	obbc	59	50	46	Trace	3	L0800	L2100	0·0
Harrogate	b-bc	b-bc		p	62	9	49	-	0·6	-	-	5·5
Spurn Head	c	oo	oo	copc	62	51	.	-	1	-	0230	2·5
Birmingham (Edgbaston)	oco	oco	oorr	orbbc	61	50	49	-	4	-	2200	1·3
Cranwell	oo	oo	oRr₀	r	61	51	48	Trace	2	L0800	2200	1·2
Gorleston	cpr₀c	c	co	oroc	64	53	51	0·2	2	1100	0230	1·6
Valencia (Cahirciveen)	ooir	orcb	or	ooir	60	53	50	6	4	1100	L2100	2·3
Roches Point	ofrr	rrr₀	r₀c	corr	58	52	.	6	1	1230	0430	
Pembroke (St. Ann's H.)	c	orr	orfc	cq	56	51	.	5	2	1430	L2100	5·8
Ross-on-Wye	cbcoc	cbcyc	oro	cbbc	64	51	50	-	2	-	L2100	4·7
Leafield	co	bc	cor	orrc	66	50	50	-	3	-	2200	6·0
Andover	c	cq	oorr	oproc	65	51	51	-	1	-	2200	7·8
S. Farnborough	cbcco	ococo	oorr	oo	65	52	51	-	3	-	2200	6·1
London (Kew Obsy.)	oc	co	opcbcorr	oroo	66	54	52	-	3	-	L2100	3·4
Croydon	co	orco	corr₀	or₀d₀	64	52	48	-	1	-	2400	1·9
Clacton-on-Sea	c	co	oc	cpo	65	54	53	-	1	-	2200	2·0
Shoeburyness	oc	co	opr₀o	opr₀o	65	53	52	-	0·6	-	2200	2·4
Felixstowe	op₀co	opr₀o		orrd	63	53	52	Trace	1	L0800	0130	1·8
Lympne	oc	co ⊕	ocopr₀	oird*	61	48	45	-	1	-	0230	1·6
Scilly (St. Mary's)	bcc	orr	oc	cbc	61	52	.	6	1	1430	L2100	5·3
Falmouth (Pendennis)	bc	coR	or₀co	bc	60	52	.	3	3	1730	L2100	6·8
Plymouth (Cattewater)	ocbc	cbccod₀		obocr	60	52	48	Trace	5	1730	L2100	7·4
Portland Bill	b-bc	c	r	p	55	53	.	-	2	-	L2100	
Southampton (Calshot)	ocbc	bcoc	oro	or₀oc	61	53	52	-	2	-	2200	11·2
Dungeness	c	c	opr	r	60	53	.	-	2	-	2400	.
Guernsey	c	c	coiro	cbcbw	61	53	.	-	2	-	-	

ISALLOBARS. 10th JUNE 1924

POSITION NUMBERS



Barometric Change 7h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1010 9th	Scotia	WNW	2	c	54	51
3	0100 10th	Dieppe	SW	1	r₀	54	53

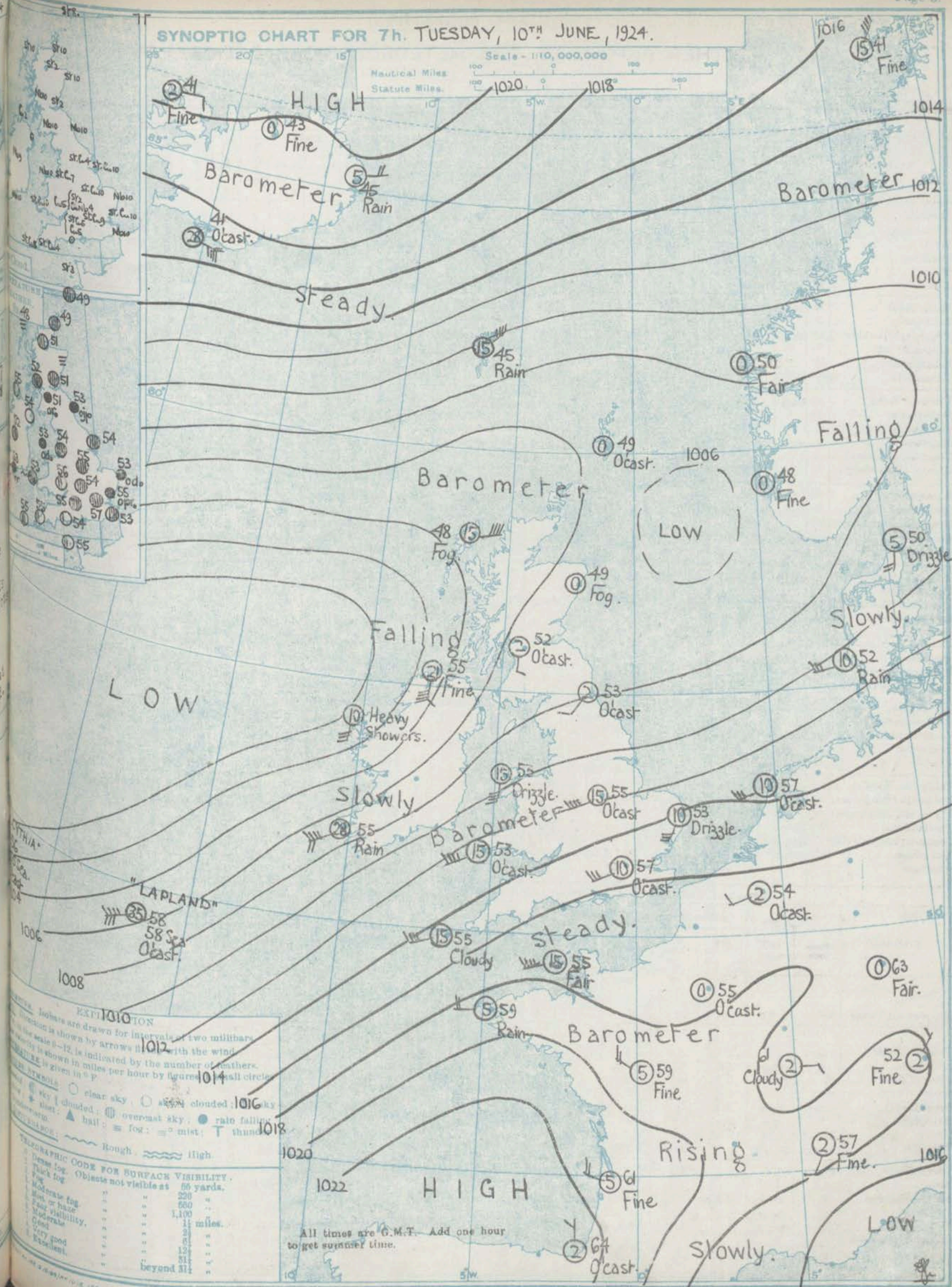
GENERAL INFERENCE.

A depression to the west of Ireland will probably move slowly north-eastwards and give rise to secondary depressions over the British Isles. Rain is probable at times in all districts but considerable fair periods are likely in the South of England. Winds will be south-westerly over England, strong at times, but variable in Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 10th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Southwesterly wind, fresh to strong at times; some rain, considerable fair periods; visibility mainly good; moderate temperature.	Unsettled generally.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Southwesterly wind, fresh to strong at times; much cloud, intermittent rain; visibility mainly good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind mainly S.W., moderate or fresh; much cloud, intermittent rain; visibility poor at times; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind indefinite, light or moderate; much cloud, some rain; visibility poor at times; coastal fog locally; moderate or rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 6 - 10.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0910 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. TUESDAY, 10TH JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
Fine
Fine
Barometer
Rain
Ocast.
Steady
Rain
Fair
Falling
Ocast.
1006
Fine
Barometer
LOW
Fog.
Fog.
Drizzle
Slowly.
Falling
Ocast.
Fine
Rain
Ocast
LOW
Heavy Showers.
Slowly
Drizzle.
Ocast
Ocast.
Drizzle.
Rain
Barometer
Ocast.
Ocast.
Ocast.
"LAPLAND"
Ocast.
steady.
Cloudy
Fair
Fair.
Ocast.
Rain
Barometer
Fine
Cloudy
Fine
Rising
Fine.
Fine
HIGH
Ocast.
Slowly.
LOW
1016
1014
1012
1010
1008
1006
1020
1018
1022
All times are G.M.T. Add one hour to get summer time.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Tuesday...10th June.....1924. No. 162...

Observations at 0100 G.M.T.....10th.....

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1008·6	-1	-	0	o/p	48	92	6	1500	St	10	-	10
Stornoway	51	1008·4	-3	-	0	[illegible]	*	*	5	*		*		*
Wick	81	1007·6	-2	NNW	1	o/r	52	92	7	450	St	10	-	10
Castlebay	37	*	*	*	*	*	*	*	*	*				*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	31	1005·9	-2	SSE	2	orr	52	92	7	2500	Nb	6	a.St	10
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1008·1	-2	WSW	1	o+	53	85	7	*	St	3	a.St	9
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1009·7	-2	W	1	0	54	75	6	1500	Nb	10	-	10
Blacksod Point	10	1004·0	-1	S	4	0	54	92	8	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1010·1	-4	S'W	4	0	52	97	7	450	St	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	489	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1012·4	-1	SSW	3	0	48	97	6	2500	St	10	-	10
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1013·6	-1	W	1	or₀	51	97	6	1500	Nb	10	-	10
Gorleston	13	1014·4	-1	SSW	2	0	56	85	7	5700	StCu	10	-	10
Valencia (Cahirciveen)	30	1006·0	-1	W	2	ORR	54	92	8	-	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1012·5	-1	SW'W	4	c/f	53	97	7	4000	StCu	7	-	7
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	856	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1015·6	-1	W'S	2	o/r	55 53	97	6	800	Nb	9	a.St	10
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1015·7	-1	SW	2	opr₀	51	97	7	2500	St	10	-	10
Scilly (St. Mary's)	131	1015·1	0	WSW	4	c-	54	97	8	4000	StCu	7	-	7
Falmouth (Pendennis)	200	1015·4	0	W	4	bc-	54	92	8	5700	StCu	4	-	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1015·4	-1	WSW	3	or₀	54	92	7	2500	Nb	10	-	10
Southampton (Calshot)	12	1015·7	-1	SW	4	0	54	92	8	1500	St	10	-	10
Dungeness	21	1016·5	-1	SW	4	opr₀	54	92	8	2500	Nb	10	-	10
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1007·3	0	-	0	0	49	92	6	800	St	8	a.St	10
Stornoway	1004·6	-1	E	4	ffo	48	97	3	450	St	10	-	10
Wick	1005·9	-1	-	0	0	49	97	7	800	St	10	-	10
Castlebay													
Nairn	1004·9	*	-	0	c/r	51	92	7	1500	CuNb	8	-	10
Aberdeen	1006·2	-1	-	0	ffo	49	97	3	220	St	10	-	2
Malin Head	1003·5	-2	S	5	b	55	85	8	4000	Cu	2	-	10
Renfrew	1006·1	-2	S	1	o/r	52	97	6	800	Nb	10	a.St	10
Edinburgh (Inchkeith)	1006·3	-1	WSW	1	o/r	51	92	8	*	St	2	a.St	10
Leuchars	1005·9	-1	SW	3	orr₀	53	92	7	-	.	0	-	10
Eskdalemuir	1007·1	-2	SW'S	3	orr₀	51	97	5	450	Nb	10	-	10
Tynemouth	1007·3	-2	SW	1	o/p	53	85	6	1500	Nb	10	-	10
Blacksod Point	999·9	-1	S	3	oPR	53	97	7	*	*	*	-	0
Donaghadee	1007·8	0	SSW	1	b-	54	92	8	-	-	0	-	9
Birr Castle	1006·1	*	S	2	o/r	52	97	5	800	Nb	9	-	10
Holyhead	1009·1	0	S'W	4	od₀	53	97	6	800	Nb	10	-	9
Liverpool (Bidston)	1009·8	0	SW	3	o+	54	85	7	2500	StCu	7	a.Cu	9
Chester (Shotwick)	1010·1	0	SW'S	3	o+	56	75	8	2500	StCu	8	a.Cu	*
Harrogate	1009·5	0	SW	3	bc/r	53	85	7	4000	StCu	4	a.Cu	6
Spurn Head	1011·2	-1	SSW	3	o	54	92	7	4000	StCu	10	-	10
Birmingham (Edgbaston)	1012·1	0	WSW	4	bc+	53	85	8	1500	Cu	2	Ci	5
Cranwell	1012·1	0	SW	4	o+	53	92	8	1500	StCu	10	-	10
Gorleston	1014·4	0	SW'S	3	od₀	53	92	6	4000	Nb	10	-	10
Valencia (Cahirciveen)	1006·5	-1	SW'W	6	or	55	92	6	800	St	10	-	10
Roches Point	1010·9	+1	SW	5	orr	53	97	5	1500	Nb	10	-	10
Pembroke (St. Ann's H.)	1012·1	0	WSW	4	o	53	92	7	2500	StCu	10	-	6
Ross-on-Wye	1012·7	0	SW	3	bc	56	85	7	4000	Cu	5	Ci Cu	6
Leafield	1013·5	+1	SW	4	bc-	54	92	8	1500	CuNb	6	-	8
Andover	1014·5	0	SW'W	4	c-	55	85	8	1500	StCu	8	-	10
S. Farnborough	1014·7	0	WSW	3	o	55	92	9	1500	StCu	10	-	9
London (Kew Obsy.)	1014·5	0	SW	3	o	57	85	8	800	StCu	9	-	9
Croydon	1015·0	0	WSW	3	o/r	55	85	8	1500	Nb	9		
Clacton-on-Sea	1014·5	0	WSW	4	opr₀	55	85	7	2500	StCu	10	-	10
Shoeburyness	1014·8	0	WSW	3	o/r	56	85	6	1500	Cu	8	a.St	10
Felixstowe	1014·5	0	SW'S	3	o/r	55	85	7	2500	Nb	9	a.St	10
Lympne	1015·6	0	SW'S	4	od₀	53	97	6	220	Nb	10	-	10
Scilly (St. Mary's)	1015·1	0	SW'W	4	c+	55	92	6	2500	StCu	8	-	5
Falmouth (Pendennis)	1015·2	0	W	4	bc	55	92	8	5700	StCu	4	-	5
Plymouth (Cattewater)	1015·4	0	SW	3	c-	55	85	7	2500	Nb	6	a.Cu	1
Portland Bill	1014·9	0	WSW	3	b-	54	92	7	-	-	0	Ci	6
Southampton (Calshot)	1015·5	0	SW	4	c-	56	85	8	2500	Cu	1	Ci	10
Dungeness	1016·4	0	WSW	4	o/r	53	97	8	2500	Nb	10	-	3
Guernsey	1017·7	+2	W'S	4	bc+	55	92	7	800	St	3	Ci	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 8h.-9h. °F	Temperature. Max. Day. 9h. °F.	Rainfall.† Night 17h.-9h. 8h.-9h. mm.	Rainfall.† Day 9h.-17h. 9h. mm.	Sunshine. Sunrise to 17h. 9h.	Sunshine. Sunrise to Sunset. 8h. hr.
Berwick-on-Tweed	pRuz	KRc	49	61	4	1	0·6	0·0
Douglas (IoM)	o	od₀	51	56	1	-	1·0	3·5
Llandudno	o	oco	52	61	1	-	0·5	7·3
Colwyn Bay	c	pc	52	60	2	1	0·3	8·1
Rhyl	dc	c	52	58	2	0·2	0·1	7·5
Southport	oco	oco	55	57	-	-	0·2	1·9
Blackpool	o	o	53	57	-	-	0·0	0·9
Ilkley	bcbc	cb	52	62	-	-	3·5	1·8
Skegness	rcco	ocbco	52	64	Trace	-	1·9	1·8
Aberystwyth	oc	co	53	57	-	-	0·0	6·2
Bath								
Leamington Spa	o	ocbo	55	62	-	-	0·6	6·0
Lowestoft	o	oco	5-	66	1	-	2·2	4·0
Felixstowe	cr	bco	53	63	1	-	1·7	6·2
Harwich & Dovercourt								
Southend	bo	oco	54	66	0·2	-	2·4	7·0
Ilfracombe							6·7	10·3
Bude	bcbc	bcco	54	60	-	-	10·1	12·4
Paignton	bcbc	cco	52	65	-	-	9·4	12·7
Torquay	bbc	bcc	52	65	-	-	6·9	11·8
Jersey	bc	bc	53	61	-	-	8·5	12·2
Weymouth	bcb	bcc	53	64	0·2	-	10·5	12·2
Bournemouth	b	b	51	63	-	-	9·0	12·3
Portsmouth (S'thsea)	bbc	bbc	54	64	-	-	7·7	12·2
Littlehampton	bc	bc	52	61	-	-	8·2	10·3
Worthing	bc	bc	51	62	-	-	7·5	11·7
Brighton	cbcb	bcoc	53	67	-	-	5·0	2·4
Eastbourne	obc	o	53	59	-		6·9	8·0
Hastings	bccbc	bbcco	51	62	-	-	3·9	7·7
Folkestone	o	o	51	63	-	-	2·4	7·5
Dover	oc	co	53	59	-	-	2·9	8·3
Tunbridge Wells	bcc	bcc	49	66	-	-	1·3	8·2
Ramsgate	bc	bco	52	64	1	-	2·6	8·2
Margate	cbc	cbco	52	63	1	-	2·0	
Deal	rcobc	bcco	52	63	6			

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22847 Wednesday, 11th June 1924.

Observations at 1300 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	1006.6	0	S	1	o	51	85	6	800	StCu	10	·	10	·
Stornoway	1003.0	-2	·	0	o	55	85	6	800	St	10	·	10	·
Wick	1004.0	-2	SE	1	o	48	97	5	800	St	10	·	10	·
Castlebay														·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1004.6	-2	S	3	o/r	57	85	6	1500	Nb	4	ASt	9	1
Malin Head	1001.1	-2	S	4	or₀	55	92	6	4000	Nb	6	ASt	10	·
Renfrew	1003.5	?	SW	4	o+	59	86	8	2500	St	9	·	9	2
Edinburgh (Inchkeith)	1004.8	-2	ESE	1	cr₀	56	86	7	·	CuNb	8	·	8	·
Leuchars	1004.2	-3	SW	2	o	59	75	7	2500	StCu	9	-	9	1
Eskdalemuir	1006.3	-1	S'W	4	ojp	53	75	7	1500	StCu	10	·	10	2
Tynemouth	1006.1	-1	SW	3	c-	60	65	6	1500	Nb	8	·	8	·
Blacksod Point	999.0	0	S	4	o	56	92	7	·	·	·	·	10	·
Donaghadee	1006.5	-1	SW	2	orr₀	56	92	8	220	St	10	·	10	·
Birr Castle	1005.2	*	SW	3	orr	56	92	6	2500	Nb	9	·	9	·
Holyhead	1008.1	-1	S	5	orr	53	97	5	800	Nb	10	·	10	2
Liverpool (Bidston)	1008.8	-2	SW	4	o	57	75	7	1500	CuNb	10	·	10	·
Chester (Shotwick)	1009.8	0	SW'S	6	o	58	75	8	2500	St	5	ASt	10	1
Harrogate	1008.8	-2	SW'S	4	o/r	56	85	7	5700	StCu	8	ASt	10	*
Spurn Head	1010.4	-1	SW	3	cpr₀	61	75	7	4000	CuNb	8	·	8	*
Birmingham (Edgbaston)	1011.8	0	SW	5	o	60	75	8	2500	Nb	6	ASt	10	1
Cranwell	1011.5	-1	SW	4	or	60	75	8	1500	Nb	10	·	10	1
Gorleston	1013.4	0	SW	4	bc-	65	75	7	4000	Cu	5	-	5	-
Valencia (Cahirciveen)	1004.1	-4	S	6	or	56	92	6	800	St	8	ASt	10	2
Roches Point	1009.3	-1	SW	5	o	54	92	5	800	St	10	·	10	·
Pembroke (St. Ann's H.)	1012.2	-1	WSW	5	o/r	54	92	7	4000	StCu	10	·	10	·
Ross-on-Wye	1013.1	0	WSW	4	od	57	75	7	2500	Nb	8	ASt	10	1
Leafield	1013.2	0	SW	2	o	59	75	8	2500	St	3	ASt.	10	1
Andover	1014.7	0	SW	5	o	60	75	8	1500	StCu	7	ASt	10	1
S. Farnborough	1014.5	0	SW	5	o	64	65	8	1500	Cu	7	ASt.	10	2
London (Kew Obsy.)	1014.1	-1	SW	4	o⊕	66	55	8	2500	StCu	5	CiSt	9	1
Croydon	1014.6	0	SW'W	5	o	63	65	8	4000	Cu	6	ASt	9	0
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1014.3	-1	SW'S	4	bc/r	65	55	8	4000	Cu	2	ACu	5	·
Felixstowe	1013.9	-1	SW	4	bc	65	55	7	4000	Cu	6	·	6	1
Lympne	1015.8	0	SW	5	c-	61	75	7	1500	StCu	7	·	7	0
Scilly (St. Mary's)	1015.2	0	SW'W	4	o	59	85	6	4000	StCu	5	ACu	10	·
Falmouth (Pendennis)	1015.3	0	WSW	5	cpr₀	56	85	8	4000	CuNb	7	-	7	·
Plymouth (Cattewater)	1015.7	0	SSW	5	or	55	92	7	<150	Nb	10	·	10	1
Portland Bill	1015.3	0	WSW	4	or₀	55	92	6	2500	Nb	10	·	10	·
Southampton (Calshot)	1016.3	+1	SW'S	6	o	58	85	7	1500	Cu	10	-	10	0
Dungeness	1016.4	0	WSW	5	c+	59	85	7	1500	St	3	CiCu	7	·
Guernsey	1018.4	0	WSW	5	c	59	85	7	2500	Cu	1	CiSt	7	·

Observations at 1800 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	1006.6	0	SSE	1	o	50	85	6	800	StCu	10	-	10	0
Stornoway	1000.4	-3	ENE	2	bc-	54	85	8	4000	Cu	2	ASt	4	1
Wick	1001.4	-2	ESE	1	ifo	48	97	1	<150	St	10	-	10	0
Castlebay														
Nairn	1001.2	·	-	0	c/r	53	92	7	1500	Cu	7	-	7	·
Aberdeen	1002.4	-3	S	3	c-	55	85	7	2500	StCu	1	ACu	7	0
Malin Head	998.3	-3	SSE	2	or₀+	55	85	7	4000	Nb	6	ASt	10	0
Renfrew	1001.9	-4	SW	3	od₀	57	85	6	1500	CuNb	9	ACu	10	·
Edinburgh (Inchkeith)	1003.1	-2	SW	3	or₀	55	85	8	·	Nb	5	CiSt	10	1
Leuchars	1002.5	-2	SW	3	o+	57	75	8	1500	St	2	ASt	10	
Eskdalemuir	1004.1	-2	S	4	odd	51	92	6	450	Nb	10	-	10	·
Tynemouth	1004.4	-2	SW	3	or₀	57	85	6	1500	Nb	10	-	10	0
Blacksod Point	996.2	-1	S	3	o	57	85	8	·	·	·	·	-	5
Donaghadee	1004.5	-1	SW	3	or₀	55	92	8	800	St	10	-	10	3
Birr Castle	1001.1	·	SE	2	cr₀r₀	59	92	6	2500	Nb	8	-	8	·
Holyhead	1006.1	-6	S'W	5	or₀+	54	92	6	450	Nb	10	-	10	6
Liverpool (Bidston)	1007.1	-3	SW	5	o/r	54	65	7	2500	CuNb	7	ACu	10	6
Chester (Shotwick)	1007.7	-3	SW	6	o	60	65	7	1500	St	6	ASt	9	·
Harrogate	1007.8	0	SW	4	o/r	56	75	6	2500	StCu	6	ACu	9	·
Spurn Head	1010.0	-1	SSW	4	c	57	85	7	4000	StCu	6	ACu	8	·
Birmingham (Edgbaston)	1010.7	-3	SW	4	c-	57	85	8	1500	St	6	CiCu	8	·
Cranwell	1011.3	0	SW	3	o/r	57	85	8	2500	StCu	10	-	10	·
Gorleston	1013.3	0	SW	4	or₀	62	65	7	2500	Nb	10	-	10	1
Valencia (Cahirciveen)	1001.7	-4	S'W	6	or	57	85	7	1500	St	6	ASt	10	6
Roches Point	1006.6	-3	WSW	4	o-	55	92	7	800	St	9	-	4	6
Pembroke (St. Ann's H.)	1004.5	-3	SW	5	cjp	54	92	7	1500	StCu	8	-	8	6
Ross-on-Wye	1011.2	-3	SW	3	c+	59	75	8	4000	Cu	6	ACu	7	·
Leafield	1012.1	-3	SW	4	c	55	92	8	1500	CuNb	8	-	8	·
Andover	1014.0	-2	SW'S	4	ojp	58	85	8	1500	StCu	9	ACu	10	6
S. Farnborough	1013.8	-2	SW	5	o	60	75	8	2500	Cu	6	Ci	9	·
London (Kew Obsy.)	1013.3	-2	SW	3	c	63	65	8	2500	Cu	4	CiSt	8	·
Croydon	1014.2	-1	SW'W	4	o⊕	54	75	8	1500	Cu	2	CiSt	10	·
Clacton-on-Sea	1014.0	+1	SW	4	od₀	54	85	7	2500	Nb	8	ASt	10	1
Shoeburyness	1014.1	0	SW	4	bc/r	60	65	8	-	-	0	CiSt	4	
Felixstowe	1013.9	0	SW'W	2	bc/r	58	85	7	2500	Nb	6	-	6	3
Lympne	1015.4	0	SW'W	4	o⊕	57	75	7	800	St	6	CiSt	9	·
Scilly (St. Mary's)	1012.1	-4	SSW	5	or	56	92	6	4000	Nb	10	-	10	5
Falmouth (Pendennis)	1012.2	-3	SW	5	or₀	56	85	7	4000	Nb	10	-	10	1
Plymouth (Cattewater)	1013.6	-4	SW	5	o	56	92	7	800	St	10	-	10	3
Portland Bill	1014.3	-1	WSW	4	o	55	92	6	1500	St	10	-	10	4
Southampton (Calshot)	1015.1	-2	SW'S	5	o	57	85	7	400	St	10	-	10	3
Dungeness	1016.1	0	SW	4	c	56	85	7	-	-	0	CiCu	7	5
Guernsey	1017.1	-2	W'S	5	c+	57	85	7	-	-	0	CiSt	8	3

LONDON OBSERVATIONS. (Kew, Croydon: 24 hours ended 0700; others: 24 HOURS ENDED 0900 G.M.T. 11th)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	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	bcoy	oyobc	cordd	·	·	53	0.3	0.1	3.7	·	·	6
Croydon	244	ocbco	or₀⊕	or₀	·	·	52	Tr	0.1	4.7	·	·	6
Greenwich (Royal Obsy.)	149	c	copo	opr	69	54	50	Tr	0.8	4.3	69	85	8
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	5.1	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	65	55	54	1	4	4.3	46	82	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	4.4	·	·	·
Camden Square	110	oc	coro	·	67	55	52	3	0.8	·	·	86	·
Kensington Palace	80	bcop	co	·	67	*	53	1.4	1.5	·	(At 18h 78)	93	·
Hampstead Observatory	450	·	·	·	64	52	49	4	2	4.0	·	89	·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 10th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 21 h 45 m. to 11th 02 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	04 30	Nil	Nil
δ Ursae Minoris	04 30	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=Sanding to-day in 1800 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

11th - 12th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32 / 3.32	11.52 / 11.52	8.12 / 8.13
Greenwich	3.45 / 3.45	11.59 / 11.59	8.13 / 8.14
Wick	3.8 / 3.8	12.11 / 12.11	9.14 / 9.15
Valencia	4.25 / 4.25	12.40 / 12.40	8.58 / 8.56

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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. Ⴎ = 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. − = "decreasing"; + = "increasing."

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.

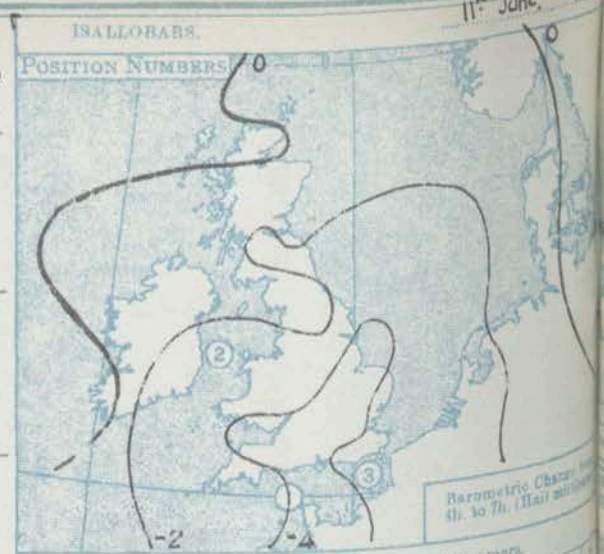
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10th	13h.-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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. ...10th... Hours.
Lerwick	om	om	omr	oromr	51	46	.	-	2	-	2200	0·0
Stornoway	∞	b	c	r	55	49	.	-	3	-	-	1·7
Wick	1Fm	mmiF	Ffmm	om	48	46	.	-	-	-	-	.
Castlebay							.					
Nairn	cpm	ciRm	Om	dd₀om	53	50	.	2	1	1100	0130	0·2
Aberdeen	omirir₀	ir₀oe	cm	coirm	57	50	48	0·4	1	1100	0130	0·6
Malin Head	berm	oir₀	oirbcco	irco	58	51	.	1	1	0400	2200	3·3
Renfrew	or₀c	omr₀	or₀d₀	or₀	62	49	43	0·6	1	2080	2200	2·8
Edinburgh (Inchkeith)	ir₀	mir	or₀	p	62	52	47	0·2	3	1100	2200	2·9
Leuchars	oir₀	obco	or₀r₀	or₀r₀o	64	52	48	0·5	3	2080	2200	1·4
Eskdalemuir	or₀ojpo	oodm	odprm	ormomor	57	48	49	1	1	2080	2200	2·1
Tynemouth	c	oir₀	oir₀	oo	60	53	50	1	1	1430	2200	.
Blacksod Point ...	rd	ppc	rr	rr	57	52	.	1	7	-	-	.
Donaghadee	or	op	cp	op	59	51	.	1	1	1100	2200	.
Birr Castle	cir₀	cr₀r₀	co	corr	59	46	49	3	3	0900	0330	1·7
Holyhead	ircm	rrmo	rr₀oc	Rm	55	51	49	3	3	2080	2200	0·0
Liverpool (Bidston) ...	op	op	codm		61	52	48	1	1	0900	2200	1·8
Chester (Shotwick) ...	or₀oq	ooq	oqopr₀m	ohrporno	61	52	48	Trace	2	0900	2400	1·7
Harrogate	p	p	p		54	9	50	0·2	0·3	1100	-	1·9
Spurn Head	c	cope	c	copc	63	52	.	Trace	1	1530	0330	4·5
Birmingham (Edgbaston)	bcepr₀	corc	cbco	oir₀	61	9	49	1	0·4	1100	2400	4·1
Cranwell	ocb	oir	orco	ormpo	64	53	48	0·1	4	1430	2200	5·4
Gorleston	codbc	bccq	copro	opr₀q	67	53	49	0·4	0·5	1730	2200	4·2
Valencia (Cahirciveen)	oir	crlc	orq	oro	60	51	49	c	9	2080	2200	2·3
Roches Point	rom	ir₀c	oco	oro	57	52	.	2	0·2	2080	0230	
Pembroke (St. Ann's H.)	or	c	rrrcq	cq	56	52	.	3	5	2080	2200	0·5
Ross-on-Wye	bco	dcobc	oroc	ir	60	53	51	Trace	4	1430	2200	5·3
Leafield	co	cop	poc	orror	60	52	49	0·6	6	2080	2200	3·1
Andover	co	opro	oor	orr	63	52	53	0·2	7	1330	2200	4·1
S. Farnborough ...	copr₀	ocopr₀	o	or	64	54	53	0·1	1	1100	0430	5·0
London (Kew Obsy.) ...	bcoq	oyopc	co	or₀d₀q	66	56	53	0·3	0·1	1430	2200	3·7
Croydon	ocbco	or₀ ⊕	⊕ o	or₀	65	54	52	Trace	0·1	1530	0230	4·7
Clacton-on-Sea ...	oc	copd	o	ogpr	66	56	54	0·3	0·3	1530	0630	3·2
Shoeburyness	opr₀	bcycpr₀	bcc	opr	67	54	51	0·1	0·3	1100	-	4·2
Felixstowe	oc	boypr	obc	oqpr₀	66	55	54	0·3	0·2	1630	-	4·1
Lympne	od₀c	co	oco	oir	61	52	50	Trace	0·2	2080	0330	4·4
Scilly (St. Mary's) ...	co	omp₀	omqr	ocpr	59	53	.	0·2	12	1630	2200	0·9
Falmouth (Pendennis)	bcrc	cor₀	r₀Rc	corco	58	53	.	0·1	9	0900	2200	3·8
Plymouth (Cattewater)	orq	or₀q		oqRrr₀p	59	53	*	0·1	10	2080	2200	1·6
Portland Bill	r·a	oo	p	r	56	53	.	Trace	8	1100	2200	.
Southampton (Calshot)	oo	or₀oq	opr₀o	oorpr	60	55	53	Trace	5	0900	2200	6·4
Dungeness	c	c	c	opro	59	51	.	-	Trace	-	0130	.
Guernsey	bbcc	bc	bcc	corr	61	53	.	-	2	-	-	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	10th 1000	Scotia	S'E	4	od	53	50
1	10th 1200	Reindeer	W	5	o+	56	53
	11th 0200	Brighton	SW	4	b+	57	53

GENERAL INFERENCE.

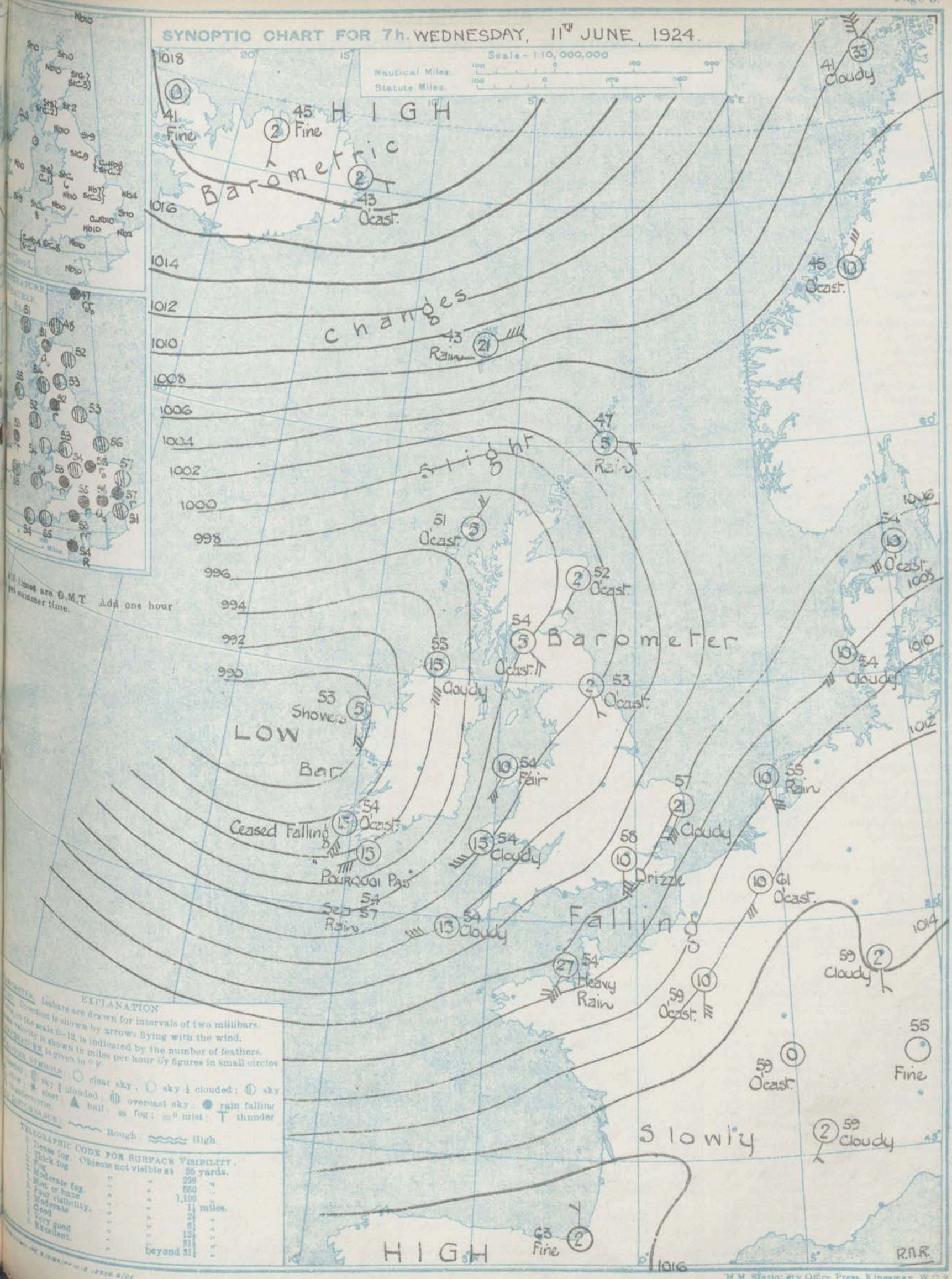
There is still a large and rather deep depression to the west of Ireland, which is likely to move slowly East or Northeast. More rain is probable generally with some fair periods in the south of England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 11th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England ▽ 6. South Wales ▽	Wind southwesterly, fresh to strong at times; some rain, fair periods; visibility moderate or good; moderate temperature.	Unsettled generally.
7. North Wales ▽ 8. N.W. England ▽ 9. N. Midlands 10. N.E. England	Wind S. to S.W., moderate to fresh; much cloud, some rain; visibility moderate or good; moderate temperature.	▽ South Cone still flying.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man ▽ 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind between S. and E., light or moderate; much cloud, some rain; visibility poor at times; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind mainly southerly, moderate to light; much cloud, some rain; visibility poor at times; moderate temperature.	
19. S.E. Ireland ▽ 20. S.W. Ireland ▽	Wind between S.W. and W., fresh to strong at times; much cloud, some rain; visibility moderate or good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. SUN

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...Wednesday.... 11th June.....1924. No. 163....

STATIONS.	Height above M.S.L., in feet.	Observations at 0100 G.M.T. 11th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 11th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Rain
Lerwick	54	1005·7	-2	SE	2	or₀	47	92	6	800	St	10	-	10	1004·2	-1	E	2	or₀	47	97	5	2500	Nb	10	-	10	1
Stornoway	51	998·9	-3	NE	1	b	•	•	5	•	•	•	•	•	997·0	0	NNE	2	o/r	51	97	6	450	St	10		10	0
Wick	81	1000·2	-2	NE	2	0	47	97	6	1500	St	6	a.St	10	998·2	0	E	2	0	48	97	6	1500	St	10			
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•													10	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	997·3	•	-	0	od₀t	51	97	5	1500	Nb	10	-	9	0
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	998·5	-1	SSW	1	o/r	52	97	5	1600	St	9			
Malin Head	51	995·7	-3	SSE	4	or	53	85	7	4000	Nb	6	a.Cu	7	994·5	-1	S	4	c/r	55	85	8	2500	Cu	8	-	8	
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	997·7	-2	SE	2	o/r	54	92	6	1500	St	10		10	
Edinburgh (Inchkeith)	160	999·8	-4	SSE	1	or₀	55	85	8	•	St	9	-	9	997·9	-1	SW	1	c-	53	92	8	•	St	2	a.Cu	7	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	998·2	-1	S	1	o	55	85	7	2500	StCu	4	a.St	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	998·1	-2	S	4	or	52	92	6	800	Nb	10	-	10	
Tynemouth	118	1002·6	-2	S	1	c/r	55	85	6	1500	Nb	8	-	8	999·8	-3	SSE	1	o	53	92	6	1500	St	9		9	1
Blacksod Point	10	992·0	-3	S	4	oPR	53	92	7	•	•	•	•	10	989·9	0	S	2	oPR	53	92	7	•	•	•	•	10	5
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	997·7	-1	S	2	o+	52	97	7	-	-	0	a.St	9	2
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	993·3	•	SE	1	orr	53	97	6	1500	Nb	10	-	10	•
Holyhead	26	1001·6	-4	SSW	4	b-	52	97	7	800	St	2	-	2	998·1	-3	SSW	3	bc-	54	97	6	450	St	6	-	6	A
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	999·1	-3	SE	2	c/r	53	92	6	-	-	0	Cu.Cu	8	3
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	999·8	-3	SSE	2	o	54	92	7	4000	StCu	4	a.St	9	
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•	1000·3	0	S'E	3	c-	55	75	6	2500	StCu	9	a.St	10	•
Spurn Head	26	1005·6	-5	SW'S	5	c	54	92	7	2600	CuNb	7	-	7	1002·3	-4	S	4	o	56	65	7	2500	CuNb	10	-	10	2
Birmingham (Edgbaston)	565	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·1	-4	S	3	o/r	54	92	7	1500	Nb	10		10	•
Cranwell	267	1006·9	-4	SSW	3	o/r	54	92	7	2500	Nb	10	-	10	1002·6	-4	S	3	or₀	55	97	8	800	Nb	10		8	1
Gorleston	13	1010·9	-5	SSW	4	o-	55	85	7	5700	StCu	9	:	9	1007·3	-4	SSW	5	c-	57	85	6	4000	Nb	4	a.Cu		
Valencia (Cahirciveen)	30	997·6	-6	NE	3	o+	53	85	6	•	St	10	•	10	993·1	0	SW'S	4	o	54	92	7	1500	St	7	a.St	10	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	996·1	-3	SW'W	3	o	53	97	8	1500	St	9	-	9	3
Pembroke (St. Ann's H.)	149	1004·4	-3	SW	6	c/r	53	92	7	1500	St	7	-	7	999·9	-4	SW	4	c	54	92	7	4000	StCu	8	-	8	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·2	-3	S	1	or+	53	92	6	1500	Nb	10		10	•
Leafield	558	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·0	-4	S	5	oR	53	97	7	1500	CuNb	10			
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·0	-4	SSW	5	orr	52	97	6	800	Nb	10	-	10	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·4	-4	SSW	4	or	55	92	7	1500	Nb	10		10	•
London (Kew Obsy.)	18	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·4	-5	S'E	3	od₀+	58	85	7	800	CuNb	10	a.St	10	
Croydon	344	1010·3	-5	SW	4	0	55	85	7	1500	St	8	a.St	10	1005·6	-4	SW'S	4	ojp	56	92	7	800	Nb	9		10	3
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·8	-3	SSW	4	or-	57	92	6	2500	St	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·7	-2	SSW	5	opr₀	56	85	7	1500	St	10	-	10	5
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·0	-5	SSW	4	od₀	57	85	8	800	Nb	10	a.St	10	
Lympne	350	1012·2	-5	SW'S	3	0	53	92	7	2500	St	7	a.St	10	1007·6	-3	SSW	5	or₀	54	92	7	800	Nb	6		8	5
Scilly (St. Mary's)	131	1006·3	-6	WSW	4	o/r	55	97	6	2500	StCu	10	-	10	1002·0	-3	SW'W	4	c-	54	97	7	4000	CuNb	8	-	8	0
Falmouth (Pendennis)	200	1005·5	-5	SW	5	o/r	55	92	8	5700	StCu	10	-	10	1001·9	-3	WSW	4	c-	55	92	7	4000	StCu	8	-	9	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·5	-4	SW	5	o/r	54	92	7	1500	Nb	9	-	10	2
Portland Bill	19	1009·2	-6	SW	6	or	54	92	6	2500	Nb	10	-	10	1007·9	-4	SSW	6	orr	53	92	6	2500	Nb	10	-	10	5
Southampton (Calshot)	12	1009·5	-6	SSW	6	0	57	85	8	800	St	10	-	10	1006·1	-5	SSW	6	orr	55	92	6	800	Nb	10		7	
Dungeness	21	1011·9	-2	SSW	3	o+	55	85	8	-	-	0	a.St	10	1007·4	-3	SSW	4	c/r	51	92	7	4000	Nb	2	CuCu	10	
Guernsey															1005·8	9	S'W	6	oR	54	9	9	800	Nb	10			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10th June.....

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 9th-10th °F	Temperature. Max. Day. 10th °F	Rainfall.† Night 17h.-9h. 9th-10th mm.	Rainfall.† Day 9h.-17h. 10th mm.	Sunshine. Sunrise to 17h. 10th	Sunshine. Sunrise to Sunset. 9th hr.
Berwick-on-Tweed	zdnrd	ocbcd	50	63	0·3	0·1	4·6	0·6
Douglas (IoM)	ofir	cmir	49	54	6	1	1·2	1·0
Llandudno	o	ooc	52	61	6	1	2·8	0·5
Colwyn Bay	c	pc	51	60	6	-	1·2	0·3
Rhyl	bccd	cbc	51	61	4	0·2	3·0	0·1
Southport	oro	orc	52	58	1	1	2·0	0·2
Blackpool	rcor	oro	52	57	3	1	1·6	0·0
Ilkley	bcpbc	bcpcc	50	59	2	1	2·0	3·5
Skegness	rccor	ocor	51	65	2	1	4·3	1·9
Aberystwyth	roc	o	52	58			0·1	0·0
Bath	ccbc	cpr₀o	54	63	2	0·3	3·0	8·4
Leamington Spa	cb	cbpo	51	63	4	0·1	4·0	0·6
Lowestoft	coc	co	52	67	2	-	3·4	2·2
Felixstowe	obc	bco	53	61	1	-	3·3	1·7
Harwich & Dovercourt	ocbc	bccdro	52	67	1	0·1	4·6	1·9
Southend	ocbc	occ	54	63	1	-	4·7	2·4

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 9th-10th °F	Temperature. Max. Day. 10th °F.	Rainfall.† Night 17h.-9h. 9th-10th mm.	Rainfall.† Day 9h.-17h. 10th mm.	Sunshine. Sunrise to 17h. 10th	Sunshine. Sunrise to Sunset. 9th
Ilfracombe	op	ocp	53	60	7	1	3·3	6·8
Bude	bcbor	o	53	61	4	1	2·6	6·7
Paignton	coq	cpqcq	53	62	2	2	4·2	9·9
Torquay	bcpc	bcdo	52	62	2	0·1	4·3	9·4
Jersey	bc	bc	54	62	1	-	5·3	6·0
Weymouth	codo	co	53	62	2	0·2	5·7	6·6
Bournemouth	b	bco	51	61	3	-	6·5	10·4
Portsmouth (S'thsea)	b	ocbc	54	63	1	-	6·5	9·5
Littlehampton	opbc	bc	53	60	0·2	-	6·2	7·0
Worthing	b	bbc	54	62	0·3	-	5·3	8·6
Brighton	ocrr	c	53	61	1	-	4·7	8·0
Eastbourne	cbc	coed	52	60	1	-	5·2	7·7
Hastings	ocbcc	cbcbc	52	61	2	-	4·6	5·3
Folkestone	oc	bc	51	62	1	-	4·5	2·4
Dover	odc	c	53	58	0·4	-	4·1	2·9
Tunbridge Wells	bc	bcc	51	64	1	-	4·0	1·8
Ramsgate	cbc	bc	52	63	1	-	4·3	2·4
Margate	cbcc	c	53	63	1	-	4·0	2·1
Deal	roc	cbc	51	63	1	-	4·0	2·1

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22848 Thursday 12th June 1924. Page 1.

Observations at 1300 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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1003.7	0	ESE	3	odo	48	97	5	800	St	10	-	10	•
Stornoway	997.9	+1	NNE	3	oroiro	51	97	6	450	St	10	-	10	•
Wick	998.4	0	E	2	ffo	48	97	2	220	St	10	-	10	•
Castlebay														•
Nairn	•			•	•	•	•	•	•	•	•	•	•	•
Aberdeen	997.4	-1	SSE	3	b	61	75	7	5700	CuNb	1	ACu	3	1
Malin Head	993.9	-0	ESE	1	oR	53	92	7	4000	CuNb	8	ASt	9	•
Renfrew	996.6	-1	-	0	or	54	92	6	1500	Nb	9	-	9	2
Edinburgh (Inchkeith)	996.9	-2	S	1	ojp	56	85	8	•	CuNb	9	-	9	•
Leuchars	996.6	-2	SE	3	cPR	60	75	8	4000	CuNb	7	-	7	1
Eskdalemuir	997.1	-1	SE'S	1	oR	54	92	6	450	Nb	10	-	10	2
Tynemouth	997.6	-2	SSE	2	ojp	53	85	6	1500	Nb	9	-	9	•
Blacksod Point	991.7	+2	NW	1	or	55	92	8	•	•	•	•	10	•
Donaghadee	996.2	0	SSW	3	c-	55	85	8	450	Cu	7	-	7	•
Birr Castle	991.4	•	SW	1	o-	60	85	6	2500	Nb	9	-	9	•
Holyhead	995.6	-3	S	4	o/r	57	92	6	800	Nb	7	ASt	9	2
Liverpool (Bidston)	996.1	-3	SSW	1	bc	60	75	7	2500	CuNb	4	Ci	6	•
Chester (Shotwick)	996.5	-2	S	2	o	62	75	8	4000	StCu	9	-	9	1
Harrogate	?	-6	S'E	1	c/r	61	75	7	4000	StCu	5	ACu	8	•
Spurn Head	998.6	-5	SSW	4	opro	56	92	7	2500	CuNb	10	-	10	•
Birmingham (Edgbaston)	998.0	-3	SSW	3	cro	58	85	7	4000	Nb	8	-	8	2
Cranwell	998.8	-3	S	3	c/r	59	85	8	2500	StCu	7	-	7	2
Gorleston	1002.7	-4	S	4	orr	56	92	6	4000	Nb	10	-	10	•
Valencia (Cahirciveen)	994.0	+2	W'N	4	opro	55	85	7	800	St	7	ASt	10	2
Roches Point	994.8	0	SW'W	4	o-	56	85	8	2500	CuNb	9	-	9	•
Pembroke (St. Ann's H.)	997.9	-2	SW	5	bc	56	85	7	2500	Cu	6	-	6	
Ross-on-Wye	998.3	-3	SW	3	oro	58	75	7	2500	Nb	10	-	10	2
Leafield	999.0	-5	S	3	oPR	56	92	8	4000	Nb	8	ASt	10	2
Andover	1000.2	-4	SW	5	o	60	86	8	1500	StCu	9	-	9	2
S. Farnborough	1000.4	-4	SW	4	o	60	85	8	1500	Cu	7	Ci	9	2
London (Kew Obsy.)	1000.4	-4	S	2	o/r	60	85	7	800	StCu	7	ACu	9	2
Croydon	1001.1	-4	SW'S	4	or	56	92	7	800	Nb	10	-	10	1
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1001.8	-5	SW'S	5	oPR+	55	92	6	800	Nb	8	ASt	10	•
Felixstowe	1002.0	-6	S'W	5	o/r	59	85	7	1500	Nb	10	-	10	2
Lympne	1001.5	-8	S'E	5	o/r	53	85	7	450	St	10	-	10	2
Scilly (St. Mary's)	999.6	-2	SW	5	opro	58	92	6	4000	Nb	9	-	9	•
Falmouth (Pendennis)	999.0	-3	WSW	5	or-	54	92	6	2500	Nb	10	-	10	•
Plymouth (Cattewater)	999.7	-2	SW	5	or	57	85	7	800	St	9	-	9	2
Portland Bill	1001.3	-2	SW	6	bc-	56	92	6	-	-	0	Ci	6	•
Southampton (Calshot)	1001.2	-2	SW'S	6	o	59	85	8	1500	Cu	10	-	10	2
Dungeness	1001.7	-6	SSW	5	cr	56	92	7	4000	Nb	8	-	8	•
Guernsey	1003.6	-3	WSW	6	c/r	58	85	8	1500	Cu	3	ACi	7	•

Observations at 1800 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1009.5	+1	ENE	3	odo	48	97	5	800	St	10	-	10	2
Stornoway	1008.4	+1	NNE	3	o/r	50	97	6	450	St	10	-	10	2
Wick	998.8	0	ENE	3	o/r	48	97	5	800	St	10	-	10	0
Castlebay														
Nairn	997.5	•	ENE	1	o/r	53	92	7	?	St	10	-	10	•
Aberdeen	997.8	0	SE	2	b	55	85	6	-	-	0	ACu	1	0
Malin Head	995.9	+2	NE'E	4	fo	50	97	3	800	St	10	-	10	1
Renfrew	996.0	-1	NE	2	c/r	60	85	7	5700	CuNb	8	-	8	•
Edinburgh (Inchkeith)	996.0	-2	E	2	bc-	59	85	8	•	Cu	3	CiCu	5	0
Leuchars	996.6	0	E	3	bcjb	56	85	7	4000	CuNb	5	ACu	7	•
Eskdalemuir	995.9	-1	-	0	c-	58	75	7	2500	Cu	2	ACu	7	•
Tynemouth	996.4	-2	E	1	bc/r	55	85	7	1500	St	2	Ci	4	1
Blacksod Point	994.3	+1	NW'W	2	obro	55	92	7	•	•	•	•	10	5
Donaghadee	986.1	0	SSE	3	cdodo	54	92	7	-	-	0	ASt	10	3
Birr Castle	981.3	•	NW	1	o	60	85	6	1500	Nb	9	-	9	•
Holyhead	994.3	-2	S'W	3	bc-	56	85	7	2500	StCu	1	Ci	6	3
Liverpool (Bidston)	995.3	-1	E'S	1	oPR-	54	92	3	2500	CuNb	10	-	10	2
Chester (Shotwick)	995.4	-1	-	0	o/r	57	92	5	1500	St	7	ACu	9	•
Harrogate	996.6	-3	SSE	1	ctl	58	75	7	5700	StCu	7	CiSt	8	•
Spurn Head	997.3	-2	ESE	2	cpro	54	97	7	2500	Nb	8	-	8	
Birmingham (Edgbaston)	996.1	-2	SSW	3	bc	58	85	8	4000	Cu	6	-	6	•
Cranwell	997.2	-1	S	2	o	60	85	8	2500	StCu	5	ACu	9	•
Gorleston	994.4	-3	S'E	2	c-	57	85	6	5700	Cu	4	ACu	7	0
Valencia (Cahirciveen)	996.9	+4	NW'W	4	cpro	55	85	7	1500	St	6	ASt	8	4
Roches Point	994.6	+1	W'N	4	c-	58	75	8	2500	CuNb	8	-	8	3
Pembroke (St. Ann's H.)	996.3	-2	SW	5	bc	55	85	7	2500	StCu	6	-	6	6
Ross-on-Wye	996.7	-3	SSW	2	oro+	56	85	7	2500	Nb	10	-	10	•
Leafield	997.2	-2	S	3	ojp	54	97	8	4000	Nb	10	-	10	•
Andover	[illegible]	-2	SW'S	4	obro	56	92	8	1500	StCu	10	-	10	•
S. Farnborough	[illegible]	-2	SW'S	6	c	58	75	8	1500	Cu	3	ACu	7	•
London (Kew Obsy.)	998.6	-1	SSW	4	b-	63	65	8	4000	Cu	1	ACu	3	•
Croydon	999.5	-1	SW'W	4	b-	59	75	8	4000	Cu	1	CiSt	3	•
Clacton-on-Sea	999.2	-1	SSW	4	c-	60	85	7	2500	Cu	5	Ci	7	2
Shoeburyness	999.5	-2	SW	5	bc/r	59	75	8	1500	Cu	2	Ci	5	•
Felixstowe	994.3	-2	SSW	3	c-	61	85	8	1500	StCu	7	-	7	5
Lympne	1000.4	-1	SW	4	o	56	85	7	450	St	8	ACu	9	•
Scilly (St. Mary's)	998.8	0	W	6	opro	54	97	6	4000	Nb	10	-	10	6
Falmouth (Pendennis)	997.8	0	W	5	or	54	92	6	2500	Nb	9	-	9	0
Plymouth (Cattewater)	997.7	-3	W	6	or	55	85	7	800	CuNb	9	-	9	4
Portland Bill	994.1	-4	SW	6	c+	55	85	6	2500	Nb	8	-	8	6
Southampton (Calshot)	994.6	-2	SW'S	5	o	57	85	7	1500	St	9	ACu	10	3
Dungeness	1001.1	-1	SW	4	bc/r	56	85	7	4000	Cu	3	ACu	6	5
Guernsey	993.0	-2	WSW	6	o/r	55	92	7	1500	Nb	9	-	9	5

London Observations

24 Hours ended 0900 G.M.T. 12th (Weather, Temperature, Rainfall); Sunshine and Humidity 15h. Yesterday; 9h. To-day.

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	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.
Kew	18	oro	opobcbc	opoorpr	•	•	49	14	2	3.0	•	•	8
Croydon {24 hours ended 0700}	244	orory	orRb	bbporfr	•	•	49	3	1	4.1	•	•	8
Greenwich (Royal Obsy.)	149	or	ocpbc	bccop	66	52	46	1	1	4.3	83	76	8
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	3.7	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	62	54	51	11		3.6	77	67	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	3.0	•	•	•
Camden Square	110	oor	oroopr	•	62	54	50	12	1	•	•	77	•
Kensington Palace	80	orbc	obcbc	•	63	-	50	15	1	•	{At 18h 71	71	•
Hampstead Observatory	450	•	•	•	59	52	46	11	1	2.6		87	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1300 G.M.T. 11th

South Kensington Max.	Time.	Min.	Time.
—	—	-	-
—	—		

Kew Observatory Max.	Time.	Min.	Time.
<0.3	all	day	

Pole Star Record at Greenwich Obsy.

Exposure from 11th 21 h 45 m. to 12th 02 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	01 15	28
δ Ursae Minoris	4 30	00 59	22

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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 1 sec.	Strep.	Direc.
13h.	-			
18h.		-	-	-
01h.				
07h.	CK	7	7	100

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

12th - 13th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32	11.57	8.13
	3.32	11.55	8.14
Greenwich	3.45	11.59	8.14
	3.45	12.0	8.15
Wick	3.8	12.11	9.15
	3.8	12.12	9.16
Valencia	4.23	12.40	8.58
	4.23	12.41	8.59

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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.
- = "decreasing"; + = "increasing."

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.

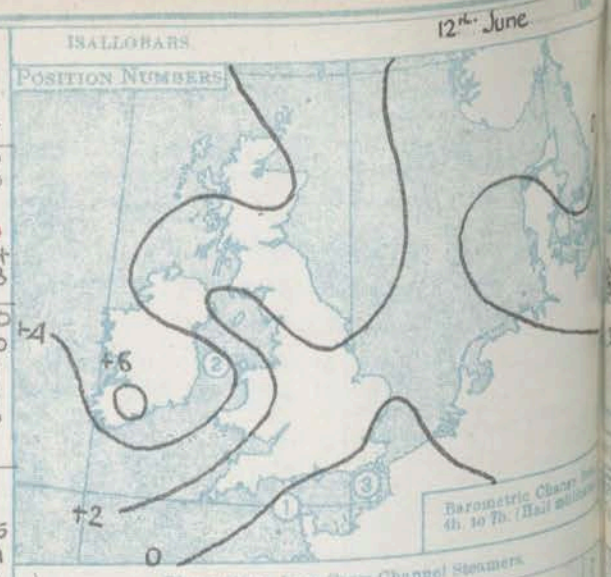
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11th	13h.-18h. 11th	18h. 11th to 1h. 12th	1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 11th Hours.
Lerwick	omrd	omd	od	o	49	45	•	2	0·1	<0800	<2100	0·0
Stornoway ...	r-d	r	r-d	oo	52	47	•	3	1	–	–	0·0
Wick	idoff	idoffroc	FFe	oo	49	46	•	2	–	<0800	–	•
Castlebay			o	bco	60	50	•	0·3	–	–	–	8·0
Nairn	oroc	cgom	omr₀o	ogd	57	48	•	7	4	<0800	<2100	0·4
Aberdeen	omcbcb	b	bcofp	offrr	61	48	48	-	1	-	~~<2100~~ 0330	9·3
Malin Head	cop₀	ircom	fobcffow	ffow	57	48	•	5	0·3	1100	2400	2·0
Renfrew	opdrr	ocorc	op₀	ocm	62	49	42	3	Tr	0900	<2100	2·0
Edinburgh (Inchkeith)	p	p	oo	oir₀r₀	59	48	49	1	0·3	<0800	0430	8·1
Leuchars	cPRt	cbcc	co	or₀r₀	62	48	47	2	2	1230	0430	6·1
Eskdalemuir	ormot.	oRcc	cbcb	bco	58	47	41	8	–	<0800	–	2·6
Tynemouth	c	op₀	off	ofefe	61	48	47	0·3	Tr	1330	–	•
Blacksod Point ...	dd	bp	ppo	pgo	57	52	•	8	0·5	-	–	•
Donaghadee	o	o	or	gp	58	50	•	Trace	3	1730	<2100	•
Birr Castle	coPR	copr₀	RR	r₀r₀o	61	52	50	2	9	<0800	<2100	0·5
Holyhead	rr₀	c	c	p₀	58	51	51	1	Tr	1100	0530	7·1
Liverpool (Bidston) ...	cpoc	opm	omp₀		62	51	47	13	0·4	1100	<2100	1·2
Chester (Shotwick) ...	oopro	opRRm	opRdoff	off	64	47	41	6	4	1100	<2100	0·7
Harrogate	p	p	p		?	53	46	2	0·6	0900	–	3·8
Spurn Head	cpcr	cofbr	oo	c	59	51	•	5	Tr	<0800	0130	2·1
Birmingham (Edgbaston)	cop	cbc	bco	cr₀	62	51	50	1	0·2	0900	0530	3·5
Cranwell	rr	forpo	ocbcc	cor₀o	63	47	37	3	Tr	<0800	0530	2·4
Gorleston	cogpr	oroc	bcbw	bwbcc	60	51	43	7	Tr	0900	<2100	1·8
Valencia (Cahirciveen)	op	opc	orbgs	co	57	53	50	5	0·2	<0800	<2100	0·4
Roches Point	op₀o	opc	cop₀	co	58	54	•	8	0·2	<0800	<2100	+
Pembroke (St. Ann's H.)	cq	cq	cqo	c	56	51	•	–	1	-	2400	4·9
Ross-on-Wye	Rocir	bofcol	Ftorop	oco	61	52	49	4	0·2	<0800	<2100	2·8
Leafield	orc	bocop	rod	orbro	60	51	51	11	3	<0800	<2100	2·0
Andover	orro	ocopr	o		63	52	50	3	0·5	<0800	<2100	3·3
S. Farnborough ...	oorrc	ocbcdg	copr₀	opr	63	52	51	5	1	<0800	<2100	3·6
London (Kew Obsy.) ...	oro	op₀bc	bcbiop₀	opoorcjr	65	53	49	14	2	<0800	2400	3·0
Croydon	or₀rq	orRcb	bop	ord₀rf	63	52	49	3	1	<0800	2200	4·1
Clacton-on-Sea ...	ogp	opc	cbc	bcco	60	55	53	5	–	0900	–	2·3
Shoeburyness	oprOPR	opcbc	copr₀	bcc	63	52	49	4	0·1	<0800	0630	2·6
Felixstowe, ...	porcq	oprrorobc	dbcb	bop₀r	61	54	50	2	Tr	<0800	0530	1·5
Lympne	oR	or₀c	oco	oir	59	51	47	3	4	<0800	0330	3·3
Scilly (St. Mary's) ...	oqpR	ocprq	opqr	oqrpr	58	52	•	3	2	<0800	<2100	·9
Falmouth (Pendennis)	cpomr	cpomr	coprc	co	57	53	•	5	1	<0800	<2100	4·4
Plymouth (Cattewater)	orrqo	ocqP	orrcopr		58	53	46	3	5	<0800	<2100	2·3
Portland Bill	p	c	r-d	p	56	54	•	Trace	5	<0800	2200	•
Southampton (Calshot)	orRgrdc	co	o or	opodco	60	54	53	9	0·4	<0800	2200	6·1
Dungeness	cqir	c	cpr	p	58	54	•	2	1	<0800	0230	•
Guernsey	orRcr₀q	cbcq	cod₀o	oc₀rcrc	59	52	•	6	3	<0800	2200	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1010, 11th	Scotia	S	5	c3	53	50
3	0200, 12th	Arundel	SW'W	4	r₀	54	53

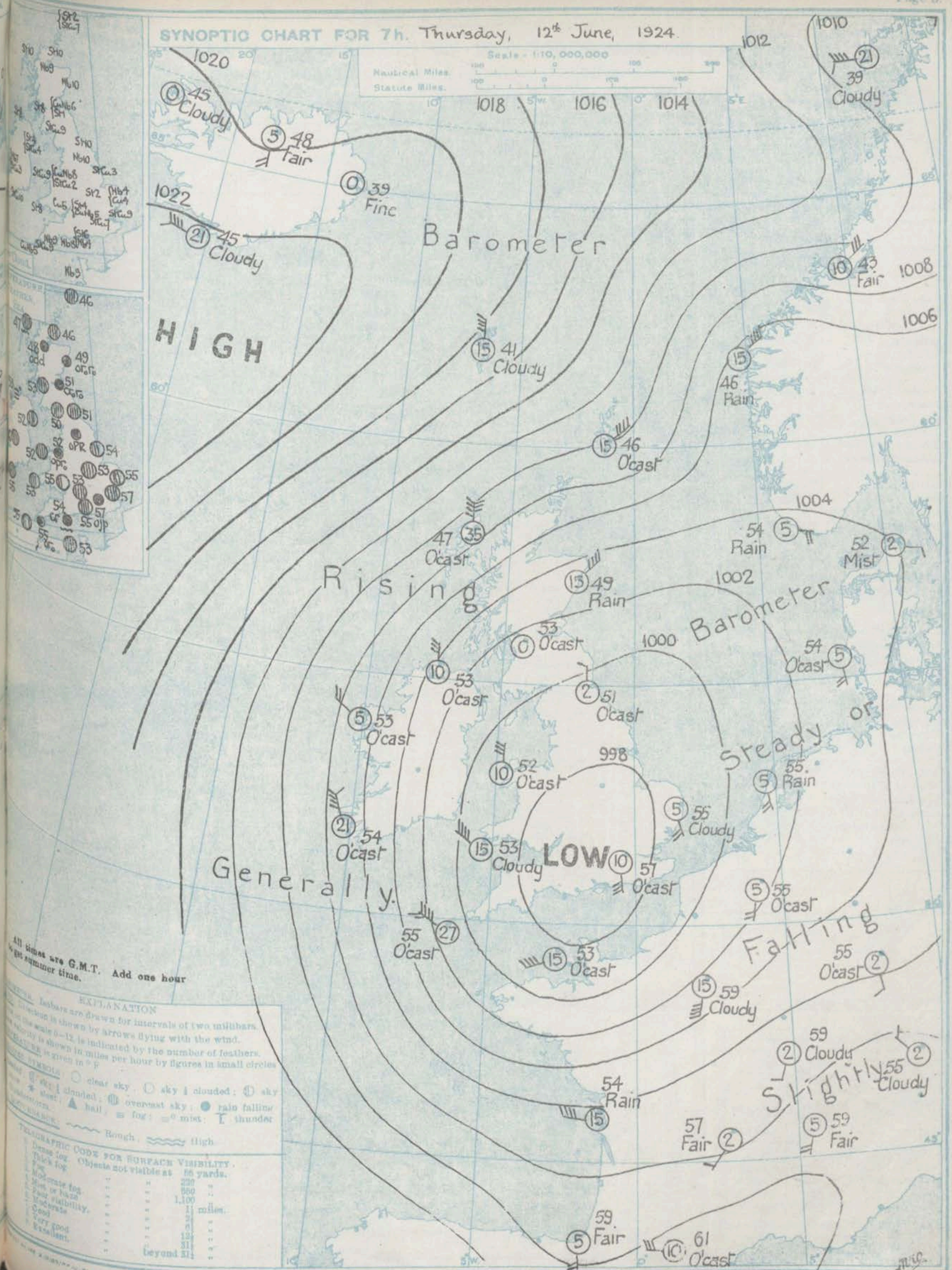
GENERAL INFERENCE.

The depression over Southern England is likely to move south-east and northerly winds will extend to all parts of the British Isles. There will be showers at first with local thunder followed by fairer weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 12th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind mainly between E. and NE. at first, backing to N. later, moderate to fresh; showers, with thunder locally, improving; visibility mainly good; moderate temperature.	With-held.
4. W. Midlands 5. S.W. England 6. South Wales	Wind northerly, moderate to fresh, stronger at times; showers, with thunder locally, improving; visibility mainly good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind northerly, moderate to fresh; showers, with thunder locally, improving; visibility mainly good; moderate temperature.	
10. N.E. England 11. E. Scotland	Wind NE., backing to N. moderate or fresh; showers, with thunder locally, improving; visibility mainly good; moderate temperature.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	As 4 - 6.	
16. Orkneys and Shetlands	As 10 - 11	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northerly, moderate to fresh, stronger at times; cloudy, local showers, improving; visibility good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0935 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. Thursday, 12th June, 1924.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
1022
HIGH
Baometer
Rising
Generally.
Steady or
Falling
Slightly
LOW
45 Cloudy
48 Fair
39 Fine
45 Cloudy
39 Cloudy
43 Fair
41 Cloudy
46 Rain
46 O'cast
47 O'cast
54 Rain
52 Mist
49 Rain
53 O'cast
54 O'cast
53 O'cast
51 O'cast
53 O'cast
52 O'cast
55. Rain
55 Cloudy
54 O'cast
53 Cloudy
57 O'cast
55 O'cast
55 O'cast
53 O'cast
59 Cloudy
55 O'cast
59 Cloudy
55 Cloudy
54 Rain
57 Fair
59 Fair
59 Fair
61 O'cast

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...Thursday...,12th June...1924. No.164...

Observations at 0100 G.M.T. ...12th...

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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	64	10063	+1	NE	4	ojp	47	97	6	1500	Nb	10	-	10
Stornoway	51	10036	+3	ENE	6	R	*	*	4	*	*	*	*	*
Wick	81	10028	0	ENE	3	FFo	48	97	1	220	Sc	10	-	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	81	999·5	+3	N	4	ffo	50	97	2	450	Sc	10	-	10
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	9990	+3	NE	3	o	49	97	6	*	Sc	10	-	10
Leuchars	39	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	9990	+2	N	1	ffo	48	97	3	<150	Sc	10	-	10
Blacksod Point	10	1002·0	+2	NW'W	4	o	53	92	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	9950	+2	NNE	4	c	52	97	6	2500	ScCu	8	-	8
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	9993	0	S	2	od$_0$	52	97	7	2500	ScCu	10	-	10
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	9970	0	-	0	c+	47	97	7	2500	ScCu	4	aSc	7
Gorleston	13	9995	0	SSW	3	b	51	92	7	4000	Cu	1	-	1
Valencia (Cahirciveen)	30	10020	+3	NW'W	6	o	54	92	8	-	Sc	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	9955	0	W	3	or$_0$	52	92	8	1500	Nb	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	9984	-2	SSW	2	od$_0$	53	97	7	1500	Nb	8	aSc	10
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	999·6	-2	SW'S	3	o	52	92	7	1500	Sc	9	-	9
Scilly (St. Mary's)	131	999·1	0	W'N	6	obr$_0$	54	92	7	4000	ScCu	10	-	10
Falmouth (Pendennis)	200	9974	-1	WNW	4	bc-	54	85	7	4000	CuNb	6	-	6
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	9969	0	WSW	6	o/r	54	92	7	2500	Nb	10	-	10
Southampton (Calshot)	12	998·5	0	SW	5	o/r	55	85	8	800	Sc	10	-	10
Dungeness	21	9998	-1	SW	4	cr	53	97	8	2500	Nb	8	-	8
Guernsey														

Observations at 0700 G.M.T. ...12th...

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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	1010·0	+3	NE	4	o-	46	75	6	2500	ScCu	9	-	9
Stornoway	1008·9	+5	N	7	o	47	85	6	800	Sc	10	-	10
Wick	1005·9	+4	ENE	4	o	46	97	7	800	Sc	10	-	10
Castlebay	1005·6	+4	N	5	o	50	92	6	1500	St	9	-	9
Nairn	1006·6	*	ENE	4	od	48	92	7	1500	Nb	9	-	9
Aberdeen	1003·0	+4	NE'N	4	or$_0$r$_0$	49	97	3	<150	Nb	10	-	10
Malin Head	1002·6	+3	N	3	o	53	97	6	1500	Sc	8	ACu	9
Renfrew	1001·5	+3	—	0	o-	53	97	5	4000	Sc	8	ACu	9
Edinburgh (Inchkeith)	1001·0	+3	NE	3	cr$_0$r$_0$	51	97	8	*	CuNb	7	-	7
Leuchars	1001·0	+2	N	3	or$_0$r$_0$	52	92	7	2500	Nb	10	-	10
Eskdalemuir	1000·8	+3	N	3	o	50	85	6	1500	ScCu	9	ACu	10
Tynemouth	999·3	+1	N	1	o/f	51	97	6	800	Sc	10	-	10
Blacksod Point	1005·1	+5	NW	2	o	53	92	7	*	*	*	*	10
Donaghadee	1001·7	+2	NNW	3	c-	52	92	8	450	Sc	8	-	8
Birr Castle	1003·4	*	NW	3	o+	56	97	4	800	Nb	10	-	10
Holyhead	999·5	+4	N'E	3	o	52	97	6	4000	ScCu	9	-	9
Liverpool (Bidston)	998·6	+2	E	1	opr$_0$	52	97	5	2500	CuNb	10	-	10
Chester (Shotwick)	998·1	+3	NNW	4	fo-	54	97	3	5700	ScCu	10	-	10
Harrogate	999·0	+2	NNW	1	oPR	[illegible]	92	4	4000	Nb	10	-	10
Spurn Head	998·4	+2	SE'E	1	c	54	97	7	5700	ScCu	3	ACu	7
Birmingham (Edgbaston)	997·7	+2	ENE	2	o	54	92	6	1500	Sc	10	-	10
Cranwell	997·7	+1	N'E	1	o	53	97	6	450	Sc	10	-	10
Gorleston	999·3	0	S'E	2	c+	55	92	6	4000	Nb	8	-	8
Valencia (Cahirciveen)	1007·0	+4	NNW	5	o+	54	85	7	1500	Sc	7	ASc	9
Roches Point	1004·0	+7	NNW	4	o	55	86	7	1600	ScCu	10	-	10
Pembroke (St. Ann's H.)	999·3	+4	NW	4	c	53	92	7	1500	Sc	10	-	10
Ross-on-Wye	997·1	+2	N	2	bc	55	92	7	4000	Cu	6	-	5
Leafield	997·0	+1	E	2	o/r	53	97	8	1600	CuNb	9	-	9
Andover	997·0	0	SSW	1	o	56	92	8	800	ScCu	10	-	10
S. Farnborough	996·7	0	SSE	1	o/r	55	92	7	800	Nb	9	-	9
London (Kew Obsy.)	997·2	0	S'E	3	ojp	57	85	7	800	ScCu	7	ACu	9
Croydon	997·9	0	SW'S	2	o	56	92	7	1500	Nb	9	-	9
Clacton-on-Sea	998·3	0	SSW	4	o	56	92	7	1500	Nb	8	ACu	10
Shoeburyness	998·3	0	SSW	3	opr$_0$	56	85	8	1500	Cu	7	ACu	9
Felixstowe	998·3	-1	S'W	4	o/r	57	85	6	1500	ScCu	9	-	9
Lympne	999·0	0	SSW	4	o/r	53	97	6	450	Sc	10	-	10
Scilly (St. Mary's)	1000·5	+1	NW'W	6	o	55	92	7	4000	CuNb	5	ACu	9
Falmouth (Pendennis)	998·5	+1	WNW	2	or$_0$	55	92	7	4000	ScCu	9	-	9
Plymouth (Cattewater)	997·3	+1	W	3	or$_0$+	54	97	7	1500	Nb	9	-	9
Portland Bill	996·9	0	WSW	5	cr	54	97	7	2800	Nb	8	-	8
Southampton (Calshot)	996·8	-2	SW	4	ojp	55	92	7	800	Sc	10	-	10
Dungeness	998·6	0	SW	4	c/r	55	92	7	2500	Nb	8	-	9
Guernsey	998·3	-1	WSW	4	o/r	53	97	7	1500	Nb	9	-	9

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 10th-11th °F	Temperature Max. Day 11th °F	Rainfall† Night 17h.-9h. 10th-11th mm.	Rainfall† Day 9h.-17h. 11th mm.	Sunshine Sunrise to 17h 11th	Sunshine Sunrise to Sunset 10th hr.
Berwick-on-Tweed	dddou	Trrhc	52	57	1	9	0·9	4·6
Douglas (I o M)	omcb	coir	50	55	4	—	0·6	1·2
Llandudno	pc	cpc	53	62	6	0·3	1·2	2·9
Colwyn Bay	rcb	cco	53	64	5	-	6·0	1·3
Rhyl	bcbc	bccbc	52	65	1	0·2	3·8	3·0
Southport	cor	ocorcu	51	63	3	3	2·4	2·1
Blackpool	cotlr	corn	53	65	4	3	3·8	1·6
Ilkley	og coc	ptl bc	52	63	1	4	3·9	2·0
Skegness	lrro	ctlrc	54	60	0·2	2	1·6	4·5
Aberystwyth	ror	b	52	60	3	3	2·0	0·5
Bath	ocbcp	bcoup	54	63	13	8	1·9	3·1
Leamington Spa	cb	cbpl	54	62	6	2	1·6	4·5
Lowestoft	oir	oir	54	60	1	4	0·6	3·4
Felixstowe	op	opc	55	60	1	2	1·1	3·8
Harwich & Dovercourt	od'Ro	odc	54	66	1	6	1·0	5·0
Southend	oro	orrcc	55	62	0·1	3	2·0	4·7

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 10th-11th °F	Temperature Max. Day 11th °F	Rainfall† Night 17h.-9h. 10th-11th mm.	Rainfall† Day 9h.-17h. 11th mm.	Sunshine Sunrise to 17h 11th
Ilfracombe	ocp	ocp	55	60	4	0·4	5·3
Bude	cpcpc	cpcpc	54	60	3	0·4	4·6
Paignton	ocq	bcoq pcop	54	63	17	2	5·9
Torquay	copb	cop	53	62	2	2	4·0
Jersey	cq	cq	56	61	3	1	4·0
Weymouth	oc	c	53	63	12	0·3	5·0
Bournemouth	ro	bbc	53	60	5	-	3·5
Portsmouth (S'thsea)	or	bbc	55	62	7	3	4·6
Littlehampton	ocr	bc	54	59	5	3	5·8
Worthing	R	bcco	55	60	5	5	2·3
Brighton	orrrr	ropco	51	60	3	6	2·0
Eastbourne	ror	ocbc	54	60	1	3	3·4
Hastings	ocoR	orcbc	54	59	1	6	2·8
Folkestone	o	bc	54	60	–	0·1	3·4
Dover	or	rocbc	54	58	0·2	1	3·0
Tunbridge Wells	oro	opcbc	54	62	1	4	2·9
Ramsgate	o	opob	54	62	–	1	2·7
Margate	op	orbcb	54	65	1	1	2·7
Deal	orc	rcbc	53	62	–	1	3·5

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22849 Friday 13th June 1924. Page 1.

Observations at 1300 G.M.T. 12th / Observations at 1800 G.M.T. 12th

STATIONS. (For heights see p. 5).	1300 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.	1800 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	1012.7	+4	NE	4	o	48	75	7	5700	StC	9	·	9	·	1015.4	+3	NE	4	o	47	75	7	5700	StCu	8	ASt	9	3
Stornoway	1014.0	+6	NNE	4	o	49	65	6	800	St	10	·	10	·	1016.6	+3	NNE	4	o	48	75	6	800	St	10	-	10	3
Wick	1011.5	+6	NNE	5	c	48	85	8	4000	StC	7	-	7	·	1014.9	+3	NNE	4	bc	48	85	8	4000	StCu	5	-	5	1
Castlebay	1011.5	+3	NNW	5	c	52	75	7	2500	StCu	7	-	7	·	1014.8	+4	NNE	5	b	50	75	8	-	-	-	-	-	5
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1015.8	·	ENE	3	c/r	49	75	8	4000	CuNb	7	-	7	·
Aberdeen	1008.6	+6	NNE	6	od₀	48	92	6	800	Nb	10	·	10	1	1013.3	+5	N	5	o	47	75	7	1500	St	10	-	10	4
Malin Head	1007.8	+5	N	5	bc-	53	85	8	2500	Cu	5	CiC	6	·	1011.6	+4	N	4	b	52	85	8	-	-	0	ACu	1	4
Renfrew	1005.8	+4	NNE	4	or₀	56	92	7	1500	Nb	10	·	10	2	1010.8	+6	NE	4	c-	54	75	9	2500	StCu	8	-	8	·
Edinburgh (Inchkeith)	1003.9	+6	NE	5	or₀r₀	50	97	8	·	CuNb	10	·	10	·	1010.8	+6	NE	5	o-	48	85	8	·	St	3	ASt	9	3
Leuchars	1006.4	+6	NE	5	o/r	51	92	6	220	StC	10	·	10	2	1011.4	+6	NNE	5	o-	48	85	8	1500	St	9	-	8	·
Eskdalemuir	1004.2	+4	NNE	5	or₀	50	97	6	800	Nb	10	·	10	2	1004.7	+6	N'E	5	or₀	46	92	6	800	St	10	-	10	·
Tynemouth	1002.6	+4	NNE	2	fbc	52	92	3	800	St	5	-	5	·	1006.9	+4	NNE	3	ifo	50	97	3	800	St	10	-	10	0
Blacksod Point	1009.2	+2	N	4	o	55	85	8	·	·	·	·	10	·	1014.3	+6	N	4	o	53	85	8	·	·	·	·	10	7
Donaghadee	1006.0	+2	NNW	2	od₀	55	85	8	800	St	10	·	10	·	1009.9	+3	N	4	bc-	53	85	8	800	CuNb	6	-	6	4
Birr Castle	1005.5	*	NW	1	o-°	57	85	7	1500	Nb	9	·	9	·	1008.0	·	NW	2	c-	62	75	6	2500	Nb	8	-	8	·
Holyhead	1003.4	+4	NNW	3	b-	57	85	6	-	-	0	AC	2	0	1005.8	+4	N	4	o/f	54	85	8	2500	StCu	9	-	9	4
Liverpool (Bidston)	1001.7	+3	NNW	1	c+	61	75	6	1500	Nb	7	·	7	·	1004.6	+4	NNE	2	oR-	55	85	6	1500	CuNb	10	-	10	3
Chester (Shotwick)	1000.9	+3	N	3	c	64	65	6	4000	Cu	8	-	8	1	1004.4	+4	N	2	oTLR	55	92	6	800	St	10	-	10	·
Harrogate	1001.3	+1	N	3	c-	59	75	6	4000	StC	4	ACu	8	·	1005.4	+4	N	3	fo	52	85	2	<150	St	10	-	10	·
Spurn Head	1000.8	+2	N	4	mmo	53	92	4	1500	St	10	-	10	*	1003.3	+3	N	4	mmo	52	97	4	1500	St	10	-	10	·
Birmingham (Edgbaston)	999.4	+2	NNE	4	c	61	65	6	2500	CuNb	8	·	8	1	1003.5	+4	N	2	otlm	54	92	6	2500	Nb	10	-	10	·
Cranwell	1000.0	+1	N'E	2	oPR-	56	92	8	1500	CuNb	9	·	9	2	1003.0	+3	N	3	c	57	85	6	1500	StCu	8	-	8	·
Gorleston	1000.5	0	SSW	4	bcr	61	75	7	2500	CuNb	5	-	5	·	1002.0	+3	E'S	2	b-	57	85	7	4000	CuNb	1	CiCu	2	0
Valencia (Cahirciveen)	1010.5	+2	NNW	5	opr₀	54	92	7	800	St	8	ASt	10	1	1012.6	+3	NNW	5	c-	56	85	7	1500	St	7	-	7	4
Roches Point	1007.9	+2	NNW	5	d-	57	75	8	2500	StC	9	-	9	·	1009.4	+2	NW	4	c	54	85	8	2500	StCu	8	-	8	0
Pembroke (St. Ann's H.)	1003.6	+5	N'W	5	b-	58	75	7	4000	StC	3	-	3	·	1006.3	+4	N'W	4	b	56	75	6	-	-	0	Ci	2	5
Ross-on-Wye	1000.0	+3	NNW	2	orl	58	85	6	4000	CuNb	10	-	10	2	1002.7	+3	NNW	2	ctl	58	85	7	4000	CuNb	7	-	7	·
Leafield	998.8	+2	NNW	3	ojp	60	85	8	2500	Nb	6	ASt	9	2	1001.6	+4	NE	2	bc/tlr	58	85	8	4000	Cu	6	-	6	·
Andover	998.5	+2	NE	1	cjp	61	75	8	1500	CuNb	8	-	8	1	1001.5	+4	NNW	2	oPR	57	97	8	1500	CuNb	8	Ci	9	6
S. Farnborough	998.2	+2	S	2	c/r	61	85	8	1500	CuNb	3	Ci	7	2	1000.5	+3	N	2	c/tlr	56	97	8	1500	CuNb	5	ACu	7	·
London (Kew Obsy.)	998.3	+2	NNE	2	cpr₀	61	65	7	4000	Nb	6	Ci	8	1	1000.9	+4	NNE	2	cr₀	54	75	6	4000	CuNb	7	Ci	8	·
Croydon	999.2	+2	-	0	cr₀d₀	54	92	7	800	Nb	9	-	9	1	1000.9	+3	SSW	2	or₀r₀	57	85	6	4000	St	7	ASt	9	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1000.5	+2	ESE	3	bc	60	65	7	2500	Cu	3	ACu	5	0
Shoeburyness	999.2	+1	N	1	odd	58	85	8	1500	StC	10	-	10	·	1000.7	+1	-	0	cFR-	58	85	8	1500	StCu	6	ACu	8	·
Felixstowe	999.5	+1	S'E	3	b	63	75	8	4000	CuNb	3	-	3	1	1000.4	+2	-	0	b	60	85	9	4000	CuNb	2	Ci	3	1
Lympne	999.6	+1	SW	4	c	59	75	7	1500	Cu	8	-	8	1	1000.9	+2	SSW	2	bc	55	65	8	1500	CuNb	5	-	5	·
Scilly (St. Mary's)	1005.6	+5	NW	6	o	56	92	7	4000	StC	9	-	9	·	1006.7	+3	NW	5	c	56	65	7	4000	StCu	5	ACu	7	5
Falmouth (Pendennis)	1003.1	+3	NNW	5	c·	58	85	8	5700	StC	7	-	7	·	1005.7	+3	NNW	5	bc-	54	75	8	5700	StCu	5	-	5	0
Plymouth (Cattewater)	1000.9	+3	NNW	5	c-	60	75	7	2500	StC	7	-	7	1	1004.3	+4	NNW	6	bc	60	75	7	4000	Cu	5	-	5	1
Portland Bill	998.8	+2	W	1	CPR	56	85	7	4000	CuNb	8	-	8	·	1000.9	+4	NW	1	ctl	57	85	7	4000	CuNb	8	-	8	4
Southampton (Calshot)	998.7	+2	WSW	2	c	61	85	8	2500	CuNb	4	Ci	7	2	1000.4	+3	NNW	4	bc/r	61	75	7	2500	CuNb	4	-	4	0
Dungeness	999.6	+1	SW	3	bc	59	85	7	4000	Cu	3	ACu	5	·	1000.6	+1	SW	2	b	57	85	8	4000	CuNb	3	-	3	3
Guernsey	1000.2	0	W	4	cr₀	58	85	7	2500	Cu	7	-	7	·	1003.0	+4	NW	4	o	56	85	7	-	-	0	ASt	9	3

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 13th

Station	Heights above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temp. Max. °F.	Temp. Min. °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	cbcfcp	cpbcr	crbcorr	·	·	51	1	2	3.6	·	·	6
Croydon {24 hours ended 0700	244	opbcrr	drocp	Rrodd	·	·	51	1	5	30	·	·	6
Greenwich (Royal Obsy.)	149	ort	ort	ororo	67	52	52	3	5	2.8	81	93	6
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	1.6	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	63	62	52	5		1.3	64	85	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	2.4	·	·	·
Camden Square	110	ocor	brctor	·	65	52	50	1	3	·	·	88	·
Kensington Palace	80			·	65		51	3	3	·	{At 18h	86	·
Hampstead Observatory	450	·	·	·	62	50	50	5	4	2.4	87}	94	·

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 12th

South Kensington Max.	Time.	Min.	Time.
-	-	-	-
-	-		

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 21 h. 45 m. to 13th 02 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	04 30	-	-
δ Ursae Minoris	04 30	-	-

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	C5	3	3	145
18h.	-	-	-	-
1h.	-	-	-	-
7h.	C8	6	3	115

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

12th - 13th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32 / 3.32	11.52 / 11.53	8.13 / 8.14
Greenwich	3.45 / 3.45	11.59 / 12.0	8.14 / 8.15
Wick	3.8 / 3.8	12.11 / 12.12	9.15 / 9.16
Valencia	4.23 / 4.23	12.40 / 12.41	8.58 / 8.59

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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; - = "decreasing"; + = "increasing."

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

¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 12th	WEATHER. 13h.-18h. 12th	WEATHER. 18h. 12th to 1h. 13th	WEATHER. 1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 12th Hours.
Lerwick	o	oco	o	oc	49	45	•	–	–	–	–	3.6
Stornoway	oo	oo	c	oo	51	43	•	–	–	–	–	0.6
Wick	oo	c	oo	oo	49	45	•	–	–	–	–	•
Castlebay	oc	cb	b	b	53	46	•	–	–	–	–	12.0
Nairn	Roq	cbecq	cq	cq	49	42	•	5	–	<0800	–	1.9
Aberdeen	ofrrir dm	iroo	oc	co	49	44	43	2	–	<0800	–	0.0
Malin Head	mco	cobc	bcl	bc	54	47	•	–	–	–	–	9.4
Renfrew	orR	oroK	cbcb	bb	57	34	25	1	–	<0800	–	2.1
Edinburgh (Inchkeith)	rr	r	co	bc	52	44	38	7	Trace	<0800	–	0.7
Leuchars	orr	oiro	oc	cbc	52	41	32	6	–	<0800	–	1.4
Eskdalemuir	ovim	iro	oroc	oco	53	40	37	1	Trace	0300	<2100	0.0
Tynemouth	bc	oife	oqrr	oq	54	46	44	Trace	3	1230	<2100	•
Blacksod Point	oo	ogo	oo	oc	56	51	•	0.3	–	–	–	•
Donaghadee	bcop	opcq	cq	bq	57	46	•	0.4	–	1230	–	•
Birr Castle	co	copro	co	co	63	52	40	Trace	–	1430	–	3.8
Holyhead	ocbc	bcorc	oro c	bcbo	58	48	47	Trace	Trace	1630	<2100	5.5
Liverpool (Bidston)	ocbc	bcctr	o		62	47	46	3	2	–	<2100	5.9
Chester (Shotwick)	ofmc	oproc	oRom	oromo	65	48	47	3	3	1530	<2100	3.3
Harrogate	F	C	mroc		61	43	42	0.1	1	<0800	<2100	1.8
Spurn Head	com	ffoo	ffod	dproq	60	46	•	–	7	–	<2100	1.4
Birmingham (Edgbaston)	cFPr	ort	oro	oo	63	46	45	5	0.2	1100	<2100	2.4
Cranwell	otIP	otIrc	ocbm	odmod	63	46	45	3	1	<0300	2200	4.2
Gorleston	cbc	cproc	co	od	64	52	49	0.1	0.1	1430	0530	9.5
Valencia (Cahirciveen)	op	odc	co	o	56	52	47	Trace	–	–	–	1.4
Roches Point	oco	c	cpb	bw	64	51	•	–	0.4	–	<2100	4
Pembroke (St. Ann's H.)	bck	bcgi	c	b-bc	60	50	•	–	–	–	–	7.2
Ross-on-Wye	pcoIrcrdIrpot		opo	oo	63	49	49	3	0.1	<0800	2200	1.7
Leafield	rocp	rococ	cobc	codro	64	47	47	7	1	<0800	0130	3.4
Andover	opr	olRoDoR	oor		62	50	50	7	0.2	1230	<2100	2.5
S. Farnborough	cotIrc	pIr	oopco	oprod	66	50	50	9	11	0800	0530	4.4
London (Kew Obsy.)	cbcfcp	cprocr	crbomrod	oo	65	51	51	1	2	<0800	<2100	3.6
Croydon	opIrr	orcp	Rr	oddfd	64	51	51	1	5	0300	<2100	3.0
Clacton-on-Sea	[illegible]	[illegible]	bccw	cwopd	63	53	52	–	Trace	–	0630	7.7
Shoeburyness	oPcou	wncbR	opro	o	64	52	48	4	0.1	<0800	<2100	1.0
Felixstowe	ocb	bbc	bco	oid	64	52	51	–	Trace	–	0630	9.7
Lympne	oc	cbc	bccw	or	60	47	40	–	2	–	0530	6.8
Scilly (St. Mary's)	ogpr	oyq	cbcq	co	58	52	•	1	–	<0800	–	3.7
Falmouth (Pendennis)	co	cobc	bc	bc	59	53	•	0.2	–	<0800	–	9.1
Plymouth (Cattewater)	cqobcq	cpcq	bcqb	bw	62	52	4	1	–	<0800	–	9.0
Portland Bill	p	rIr	c	c	59	53	•	2	–	<0800	–	•
Southampton (Calshot)	orrmo	pcoprIop	ocbcb	bbccodp	63	52	51	9	Trace	<0800	0530	4.0
Dungeness	rac	b	b-bc	cprc	60	49	•	0.2	2	<0800	0430	•
Guernsey	c crr	cproc	cbcc	bcbbcq	60	52	•	2	–	<0800	–	

13th June 1924

ISALLOBARS.

POSITION NUMBERS

Barometric Change from 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1000 12th	Scotia	SW	4	c	53	60
3	0200 13th	Orignoa	NNW	3	ro	56	53

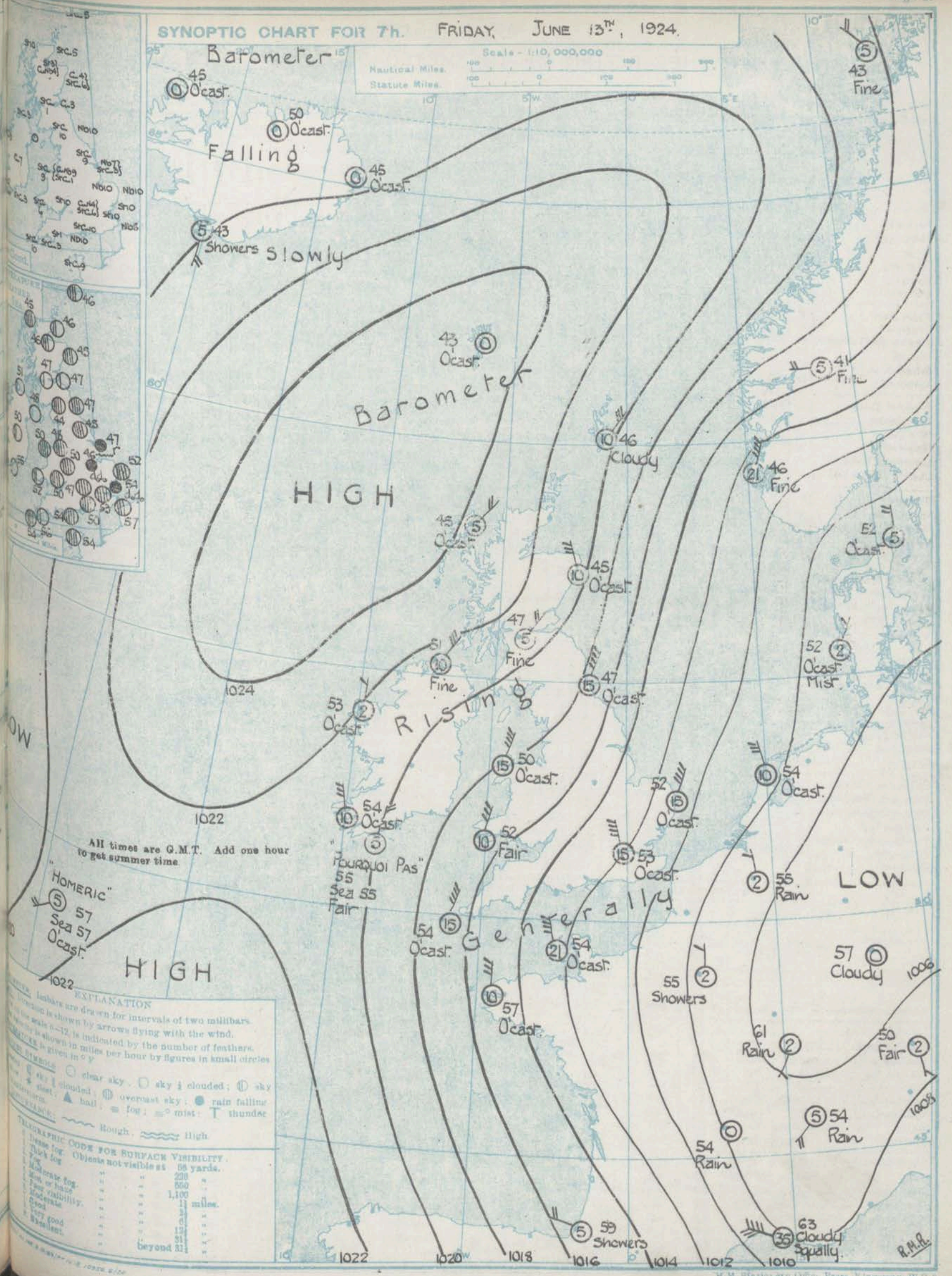
GENERAL INFERENCE.

An anticyclonic system now lies off the West and Northwest Coasts and will move in over the British Isles giving fair weather generally. Winds will be northerly in all districts at first becoming variable in the West and North and temperature after being rather low will rise generally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 13th June, 1924.	Further Outlook.
1. S.E. England 2. E. England	Wind N. or NE., fresh, decreasing; cloudy to fair, slight local rain early on coasts; visibility moderate to good; temperature rising.	Fair generally apart from a risk of drizzle on the extreme Western Coasts.
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. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind mainly N. or NE., moderate to light; fair generally; visibility moderate or good, but local morning mist; temperature rising.	
14. N. & N.W. Scotland 15. Hebrides	Wind NE. to variable, light; fair; visibility good apart from local morning mist; temperature rising.	
16. Orkneys and Shetlands	Wind NE. or variable; fair; visibility good; rather cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 14 - 15.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0845. G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Friday 13th June.....1924. No..165..

Observations at 0100 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1018·4	+2	NE	3	o	46	65	7	5700	StCu	5	aSt	9
Stornoway	51	1022·1	+4	NE	4	o-	•	•	5	•	•	•	•	•
Wick	81	1019·1	+2	N	3	o	45	85	8	4000	StCu	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1017·3	+3	NNE	4	b	49	75	8	5700	StCu	0	aCu	1
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1016·6	+3	NNE	4	c-	45	85	8	•	StCu	3	aCu	7
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1013·3	+4	NNE	6	orr	46	92	6	800	Nb	10	-	10
Blacksod Point ...	10	1018·3	0	N	3	o	52	85	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013·8	?	NNE	6	bc	50	85	7	4000	StCu	4	-	4
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1008·8	+4	N	5	oDD	50	97	2	450	St	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1009·1	+4	N	4	odd	51	97	6	800	Nb	10	-	10
Gorleston	13	1007·1	+5	NE'N	3	o-	52	97	7	4000	Nb	10	-	10
Valencia (Cahirciveen)	30	1018·4	+3	W	3	o+	52	97	6	-	Nb	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1011·0	+6	N	3	bc	51	92	7	1500	St	6	-	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1006·9	+4	NE	3	o	54	92	6	800	St	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1005·2	+5	N'E	2	c	51	97	6	4000	StCu	5	CiSt	8
Scilly (St. Mary's) ...	131	1012·2	+4	N	4	c+	54	92	8	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1010·2	+2	N	3	bc+	54	85	8	5700	StCu	5	-	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1007·2	+4	N	4	b	55	85	6	-	-	0	-	0
Southampton (Calshot)	12	1006·6	+5	N	3	b-	55	85	8	4000	StCu	2	-	2
Dungeness	21	1004·6	+4	NNE	1	bc	52	92	7	4000	Cu	3	CiSt	5
Guernsey	..													

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1020·5	+2	NE	3	c-	46	65	7	5700	StCu	5	ASt	7
Stornoway	1023·1	+3	NE	2	o	45	75	7	800	St	10	-	10
Wick	1021·5	+3	N	3	bc	46	75	8	4000	StCu	5	-	5
Castlebay	1021·0	+2	NE	3	p	49	75	8	4000	StCu	1	-	1
Nairn	1022·4	•	ENE	1	c	46	75	8	1500	CuNb	7	-	7
Aberdeen	1020·7	+4	NNW	3	o	45	75	8	2500	StCu	10	-	10
Malin Head	1020·5	+3	NE	3	b	51	86	8	4000	StCu	3	-	3
Renfrew	1021·2	+5	NE	2	b	47	75	8	5700	StCu	1	-	1
Edinburgh (Inchkeith)	1020·5	+4	ENE	4	b	47	75	8	•	Cu	3	-	3
Leuchars	1020·3	+4	N	4	bc+	47	65	8	2500	StCu	6	-	6
Eskdalemuir	1020·5	+5	NE'N	4	o-	44	75	8	2500	StCu	10	-	10
Tynemouth	1018·3	+5	NNE	4	o/r	47	75	7	1500	Nb	10	-	10
Blacksod Point ...	1021·0	+3	N	1	o-	53	75	8	•	•	•	•	0
Donaghadee	1020·0	+4	ENE	4	b-	48	75	8	—	—	0	-	0
Birr Castle	1019·7	•	NW	1	c-	50	97	6	4000	Cu	7	-	7
Holyhead	1018·5	+5	NNE	4	o	50	85	8	2500	StCu	9	-	9
Liverpool (Bidston) ...	1018·3	+5	NE'N	2	o/r	48	75	7	1500	CuNb	10	-	10
Chester (Shotwick) ...	1017·3	+6	N'W	3	o	49	85	6	1500	St	10	-	10
Harrogate	1017·6	+12	S'E	4	o	45	75	7	4000	StCu	9	-	9
Spurn Head	1014·6	+7	N	7	or	47	97	7	2500	Nb	10	-	10
Birmingham (Edgbaston)	1016·5	+6	NNE	4	o	47	85	6	1500	St	10	-	10
Cranwell	1015·4	+5	N	5	odd	46	97	6	800	Nb	10	-	10
Gorleston	1011·4	+4	N'E	4	o/r	52	92	6	4000	Nb	10	-	10
Valencia (Cahirciveen)	1024·1	+5	NNW	3	o	54	86	7	1500	StCu	10	-	3
Roches Point	1020·5	+5	N	1	b+	55	85	8	2500	StCu	3	-	6
Pembroke (St. Ann's H.)	1016·7	+5	N'E	3	bc	52	85	7	1500	StCu	6	-	10
Ross-on-Wye	1016·1	+6	N'E	3	o	50	85	7	1500	St	10	-	10
Leafield	1014·4	+6	NW	5	o/r	47	92	7	2500	StCu	10	-	10
Andover	1013·0	+8	N'E	4	or	50	92	8	800	St	10	-	10
S. Farnborough ...	1012·5	+5	NNW	2	o/r	50	97	8	800	StCu	10	-	10
London (Kew Obsy.) ...	1012·5	+5	N'W	4	o	53	85	6	800	St	10	-	10
Croydon	1012·0	+5	NNE	3	od	51	97	5	450	Nb	10	-	10
Clacton-on-Sea ...	1010·5	+5	N	2	odd	54	97	6	4000	St	10	-	10
Shoeburyness	1011·1	+3	NNW	3	o	54	85	7	2500	St	10	-	10
Felixstowe	1010·6	+6	N'E	3	od	54	97	6	800	St	10	-	10
Lympne	1010·1	+5	N	4	od	54	92	6	1500	Nb	7	ASt	10
Scilly (St. Mary's) ...	1016·1	+4	N'E	4	o	54	92	6	4000	StCu	10	-	10
Falmouth (Pendennis)	1015·0	+4	NNE	3	b-	56	85	7	5700	StCu	3	-	10
Plymouth (Cattewater)	1015·6	+6	NNW	3	b	65	85	7	1500	St	1	-	10
Portland Bill	1012·8	+8	NNE	4	o+	54	75	6	2500	Nb	10	-	5
Southampton (Calshot)	1012·7	+7	N	4	o/r	54	85	8	1500	StCu	10	-	9
Dungeness	1010·1	+4	NNE	4	c/r	57	85	8	4000	Nb	8	-	9
Guernsey	1013·0	+6	N'W	5	o+	54	92	6	5700	StCu	9	-	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....12th June.....

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11th-12th °F.	Temperature. Max. Day. 12th °F.	Rainfall.† Night 17h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-17h. 12th mm.	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th hr.
Berwick-on-Tweed	dffe	feugd	46	50	3	0·1	0·0	0·3
Douglas (IoM) ...	bbc	bcr	51	62	1	0·3	5·0	0·6
Llandudno	ecb	bec	52	59	3	-	4·1	1·2
Colwyn Bay ...	bc	bc	51	60	1	-	5·0	6·0
Rhyl	cbc	bc	50	62	7	-	6·6	4·1
Southport	cbcc	opbcc	51	64	1	-	6·2	2·4
Blackpool	c	bcc	53	63	-	-	4·0	4·0
Ilkley	ogebc	c	50	63	5	-	1·9	3·9
Skegness	cb	b	52	60	-	-	5·8	1·9
Aberystwyth ...	rcb	b	50	62	4	-	6·0	2·5
Bath	ocp	ctrop	53	65	7	4	1·2	1·9
Leamington Spa ...	cb	cblr	52	64	0·2	1	3·6	2·8
Lowestoft	oiroc	ocbc	52	61	1	1	3·3	1·1
Felixstowe	ocbc	bc	54	63	0·2	-	8·5	1·5
Harwich & Dovercourt ...	bc	bc	52	64	1	-	7·5	1·5
Southend	crc	cpoc	54	65	1	0·2	3·2	3·8
Ilfracombe	cbccp	cbcc	54	60	6	0·2	5·0	5·0
Bude	tccbc	bcbc	53	60	11	-	5·7	4·6
Paignton	ctlrp	orpt	53	65	14	8	3·8	4·0
Torquay	rocb	cotr	52	65	9	2	3·3	4·0
Jersey	cqp	bc	54	64	3	Trce	4·7	5·0
Weymouth	opc	ctpo	53	64	4	0·6	1·3	3·3
Bournemouth ...	oorco	oorcr	53	61	1	4	1·3	3·3
Portsmouth (S'thsea)	opbc	ctlR	54	65	2	15	4·7	4·7
Littlehampton ...	oc	opo	54	60	2	0·1	2·3	4·0
Worthing	o	c	54	62	3	-	2·0	4·0
Brighton	o	oc	54	64	2	-	4·0	3·3
Eastbourne	ococc	occbc	54	60	2	-	4·7	4·7
Hastings	ocbc	bcbbc	53	60	4	-	5·5	3·8
Folkestone	bc	bc	54	62	2	-	5·8	4·4
Dover	odoc	cbcb	54	59	2	1	2·4	4·1
Tunbridge Wells ...	bcop	bcop	52	64	5	-	8·1	4·4
Ramsgate	bcb	b	53	62	1	-	6·7	4·4
Margate	ocb	bbc	52	63	2	-	7·2	4·4
Deal	rocbc	bbc	52	63	2	-		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22350 Saturday 14th June 1924. Page 1

Observations at 1300 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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1022·6	+2	NE	3	bc-	48	65	8	4000	Cu	1	ACu	4	·
Stornoway	1023·2	0	NE	3	b-	50	65	8	4000	Cu	2	-	2	·
Wick	1023·3	+2	NE	2	bc-	48	75	8	5700	StCu	4	ACu	6	·
Castlebay	1022·9	+1	SE	4	D	51	65	8	4000	Cu.	1	-	1	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1023·1	+2	NNW	4	c-	51	65	8	2500	StCu	8	-	8	1
Malin Head	1021·8	+2	ENE	3	b	52	75	8	4000	Cu	1	-	1	·
Renfrew	1022·5	+1	SE	2	c	58	75	8	4000	StCu	7	-	7	1
Edinburgh (Inchkeith)	1022·7	+1	E	3	c+	49	75	8	·	Cu	4	ACu	8	·
Leuchars	1022·0	+3	ENE	3	bc	52	75	8	4000	StCu	6	-	6	0
Eskdalemuir	1022·4	+2	NE	4	c-	50	65	8	1500	StCu	7	-	7	2
Tynemouth	1021·0	+3	NNE	2	c-	49	65	7	1500	Nb	8	-	8	·
Blacksod Point	1021·4	0	N	1	bc	56	75	9	·	·	·	·	6	·
Donaghadee	1022·3	+1	-	0	b-	52	75	8	800	Cu	1	-	1	·
Birr Castle	1022·1	·	NW	1	o+	60	75	7	2500	StCu	9	-	9	·
Holyhead	1021·6	+3	N'E	4	b-	54	75	8	4000	Cu	1	-	1	0
Liverpool (Bidston)	1020·6	+2	NW	2	b-	58	65	8	2500	StCu	3	-	3	·
Chester (Shotwick)	1020·4	+1	NNW	3	c	58	65	7	4000	Cu	7	-	7	1
Harrogate	1021·0	+4	NNE	3	o	49	75	7	4000	StCu	8	ACu	9	·
Spurn Head	1019·2	+4	N	6	c	50	75	7	4000	Cu	7	-	7	·
Birmingham (Edgbaston)	1019·5	+2	NE	4	b	55	65	6	4000	Cu	3	-	3	2
Cranwell	1019·6	+3	N'E	4	c-	54	65	8	2500	StCu	8	-	8	2
Gorleston	1016·0	+5	N	6	o	50	75	6	5700	StCu	10	-	10	·
Valencia (Cahirciveen)	1023·2	+1	NW'W	2	c	58	75	8	2500	StCu	5	ACu	8	0
Roches Point	1023·1	+3	SE	2	o	58	75	8	2500	StCu	10	-	10	·
Pembroke (St. Ann's H.)	1020·6	+4	N'E	3	c	55	85	8	2500	StCu	7	-	7	·
Ross-on-Wye	1019·1	+2	N'W	2	bc-	56	65	6	4000	StCu	6	-	6	1
Leafield	1019·0	+4	NNE	4	o-	53	75	7	4000	StCu	9	-	9	2
Andover	1018·0	+5	NNE	4	o	52	85	7	800	St	9	-	9	1
S. Farnborough	1017·9	+5	NNE	4	o	50	97	7	800	StCu	10	-	10	2
London (Kew Obsy.)	1017·9	+6	N	4	o	51	75	7	1500	StCu	10	-	10	2
Croydon	1017·7	+6	NE'N	4	o	49	92	6	450	Nb	10	-	10	2
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1016·4	+5	NNW	5	o	51	75	8	2500	StCu	8	ASt	10	·
Felixstowe	1016·5	+7	N'E	5	o|r	51	86	6	800	Nb	10	-	10	1
Lympne	1015·1	+6	N	5	oroRo	51	92	5	220	Nb	10	-	10	2
Scilly (St. Mary's)	1020·9	+5	N'E	4	c	57	85	7	4000	StCu	8	-	8	·
Falmouth (Pendennis)	1019·9	+5	N	3	b	60	75	8	5700	Cu	3	-	3	·
Plymouth (Cattewater)	1018·5	+4	N'E	4	c-	60	65	7	2500	StCu	8	-	8	0
Portland Bill	1017·2	+6	NNE	5	o+	55	65	6	4000	StCu	10	-	10	·
Southampton (Calshot)	1018·1	+6	N	4	o	53	75	7	1500	StCu	10	-	10	0
Dungeness	1014·7	+4	NNE	6	orr	55	85	6	1500	Nb	10	-	10	·
Guernsey	1017·9	+5	N	5	o	54	85	7	2500	StCu	10	-	10	·

Observations at 1800 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1023·8	+2	NE	2	c-	47	65	8	5700	StCu	8	-	8	1
Stornoway	1023·0	0	NE	3	c+	49	75	7	800	St	8	-	8	2
Wick	1025·2	+2	NE	2	bc	48	75	8	4000	Cu	2	Ci	6	1
Castlebay														
Nairn	1023·8	·	E	2	bc-	50	75	8	4000	Cu	2	Ci	5	·
Aberdeen	1024·4	+2	N	3	b-	51	65	8	-	-	0	Ci	3	1
Malin Head	1022·5	0	E	3	c+	52	75	8	5700	StCu	1	Ci	7	1
Renfrew	1022·7	0	SSE	2	b-	58	75	6	-	-	0	-	0	·
Edinburgh (Inchkeith)	1023·2	+1	E	2	b	53	75	8	·	-	0	Ci.St	3	0
Leuchars	1023·4	+3	ESE	3	b-	44	75	8	-	-	0	Ci	1	·
Eskdalemuir	1023·2	+1	NNE	3	b-	53	65	8	-	-	0	Ci	1	·
Tynemouth	1024·6	+3	NNE	2	bc-	49	75	7	1500	Nb	5	-	5	2
Blacksod Point	1022·2	+1	NW'W	1	c	56	75	9	·	·	·	·	7	0
Donaghadee	1023·3	0	S	1	b-	55	65	8	-	-	0	-	0	2
Birr Castle	1022·1	·	NW	1	c-	64	65	6	4000	StCu	6	Ci	8	·
Holyhead	1023·3	+2	N'W	2	b	53	75	8	-	-	0	Ci	1	1
Liverpool (Bidston)	1022·5	+1	NW'W	3	b-	56	65	8	-	-	0	-	0	3
Chester (Shotwick)	1022·2	+2	WNW	5	b-	55	75	7	4000	StCu	1	-	1	·
Harrogate	1022·3	+1	N'W	1	ophₒ	48	75	7	5700	StCu	8	ACu	9	·
Spurn Head	1021·7	+3	N	6	o	47	85	7	-	StCu	10	-	10	·
Birmingham (Edgbaston)	1021·8	+3	NE	4	b	55	65	6	5700	StCu	3	-	3	·
Cranwell	1022·1	+3	N'E	4	o	50	75	8	4000	StCu	10	-	10	·
Gorleston	1014·6	+3	N'W	6	o	50	65	7	5700	StCu	10		10	1
Valencia (Cahirciveen)	1024·3	+1	NW'W	1	b	57	75	8	2500	StCu	1	ACu	3	3
Roches Point	1023·8	+1	S	1	bo	57	85	8	4000	CuNb	2	CiCu	4	0
Pembroke (St. Ann's H.)	1022·1	0	N'E	3	b	55	75	8	-	-	0	-	0	4
Ross-on-Wye	1020·4	+4	NE'E	2	b-	54	65	6	5700	Cu	1	-	1	·
Leafield	1021·3	+3	NE	4	b-	54	75	6	-	-	0	CiSt	6	·
Andover	1020·5	+3	N'E	4	bc-	56	75	7	2500	Cu	4	-	4	·
S. Farnborough	1020·5	0	NNE	4	bc	54	65	7	5700	Cu	4	-	4	·
London (Kew Obsy.)	1020·8	+4	N	4	c	53	65	8	2500	StCu	8	-	8	·
Croydon	1020·6	+4	NE'N	4	c	53	65	7	2500	StCu	8	-	8	·
Clacton-on-Sea	1014·2	+3	N	4	bc	53	65	7	4000	Cu	5		5	1
Shoeburyness	1019·7	+4	NNE	6	bc-	50	65	8	4000	Cu	4	-	4	·
Felixstowe	1014·7	+4	N	5	o	50	75	8	4000	Cu	9	-	9	4
Lympne	1018·3	+2	N	5	bc-	52	75	8	4000	StCu	6	-	6	·
Scilly (St. Mary's)	1022·5	+1	N'E	3	b+	56	85	7	-	-	0	CiCu	1	3
Falmouth (Pendennis)	1022·3	+2	N	2	b	54	75	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1020·8	+3	S	2	c-	57	85	7	4000	CuNb	7	-	7	0
Portland Bill	1019·6	+4	NNE	3	bc-	57	65	6	-	-	0	CiCu	6	4
Southampton (Calshot)	1020·4	+2	N	4	b-	57	85	7	4000	StCu	1	-	1	0
Dungeness	1018·8	+5	NNE	6	bc/r	53	75	7	4000	Cu	6	-	6	5
Guernsey	1020·7	+5	N	2	o	55	85	7	2500	StCu	10	-	10	1

London Observations. (Kew, Croydon: 24 hours ended 0700)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °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 0800 G.M.T. 14th)													
Kew	18	oo	oc	ucbco	·	·	41	-	-	2·3	·	·	8
Croydon	244	omd d₀	oc	cco	·	·	40	0·2	-	1·5	·	·	6
Greenwich (Royal Obsy.)	149	of₀o	oc	co	57	45	40	·	·	2·4	69	73	6
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	2·3	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	57	45	44	-	-	2·6	70	71	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	2·4	·	·	·
Camden Square	110	o	o	·	57	45	41	-	-	·	·	75	·
Kensington Palace	80	obc	oo	·	55		40	-	-	·	At 18h 59	73	·
Hampstead Observatory	450	·	·	·	54	42	35	Tr	-	3·6		75	·

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 13th

South Kensington Max.	Time.	Min.	Time.
1·0	19hr. 12th	<0·3	5hr. 13th
2·0	11hr. 13th		

Kew Observatory Max.	Time.	Min.	Time.
0·3	16hr. 12th	-	-
<0·3	Rest of day		

Pole Star Record at Greenwich Obsy.

Exposure from 13th 21 h. 45m. to 14th 02 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4·30	00·30	11
δ Ursae Minoris	4·30	00·24	9

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 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).

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
1h.	-	-	-	-
3h.	-	-	-	-
11h.	-	-	-	-
17h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

13th 14th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·32 / 3·31	11·53 / 11·53	8·14 / 8·14
Greenwich	3·40 / 3·40	12·0 / 12·0	8·15 / 8·16
Wick	3·8 / 3·7	12·12 / 12·12	9·16 / 9·17
Valencia	4·23 / 4·22	12·41 / 12·41	8·59 / 8·59

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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; - = "decreasing"; + = "increasing."

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.

[1] For explanation see Introduction.
* Information for those columns not usually received.
‡ The barometric change is expressed in half millibars.
§ For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	13h.-18h. 13th	18h.-13th to 1h. 14th	1h.-7h. 13th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 13th Hours.
Lerwick	cbc	bce	cbc	bcb	50	41	•	–	–	–	–	6.4
Stornoway	b-bc	c	c	c	51	46	•	–	–	–	–	5.4
Wick	oo	b	b-bc	c	49	45	•	–	–	–	–	•
Castlebay	D						•					
Nairn	cbc	bc	bccw	bc	54	37	•	–	–	–	–	6.3
Aberdeen	oo	c	bbw	bwb	52	38	34	–	–	–	–	6.7
Malin Head	bc	bccov	cobc	bc	53	46	•	–	–	–	–	9.9
Renfrew	bbcc	cbcb	bcbm	bcmw	60	36	29	–	–	–	–	11.4
Edinburgh (Inchkeith)	c	b	bc	c	54	42	34	Trace	Trace	–	–	11.1
Leuchars	bbc	b	bbcw	bcwc	54	36	30	–	–	–	–	13.8
Eskdalemuir	oc	cbcb	bb	bbw	55	30	28	–	–	–	–	11.2
Tynemouth	oo	c	bc	b-bc	49	39	35	–	–	–	–	•
Blacksod Point	bcbc	bcc	bcc	coc	59	55	•	–	–	–	–	•
Donaghadee	bc	bc	bc	bc	57	46	•	–	–	–	–	•
Birr Castle	co	co		bc	65	49	40	–	–	–	–	7.8
Holyhead	ccbc	b	b	bw	56	45	35	–	–	–	–	7.4
Liverpool (Bidston)	ocbcb	b	bm		59	43	39	–	–	–	–	10.5
Chester (Shotwick)	occ	cbcbb	bbcb	bwm	60	36	31	–	–	–	–	10.2
Harrogate	c	c	b	bc	51	38	30	–	–	–	–	5.8
Spurn Head	rqoc	c	oo	c	52	46	•	Trace	–	<0800	–	
Birmingham (Edgbaston)	o'bc	bc	bb	bb	57	40	29	–	–	–	–	6.5
Cranwell	oco	oco	oo	oo	55	43	40	Trace	–	<0800	–	5.7
Gorleston	codoq	coq	coq	oo	52	46	45	0.2	–	<0800	–	1.6
Valencia (Cahirciveen)	oc	cbcb	bc	bbw	59	46	39	–	–	–	–	7.1
Roches Point	bo	ocbc	bc	bcwo	63	49	•	–	Trace	–	–	
Pembroke (St. Ann's H.)	c	b	b-bc	b-bc	57	45	•	–	–	–	–	9.7
Ross-on-Wye	oc	bey	b3	bmw	61	37	33	–	–	–	–	5.2
Leafield	cdoc	cobc	b	bbc	56	34	29	Trace	–	<0800	–	7.0
Andover	or.o	ocbc	b	bbc	58	34	31	Trace	–	<0800	–	3.2
S. Farnborough	ooid.	oocbc	bcb	bbc	55	33	29	Trace	Trace	1230	–	3.0
London (Kew Obsy.)	oo	oc	c	cbco	56	44	41	–	–	–	–	2.3
Croydon	ordd.	oc	c	co	55	43	40	0.2	–	<0800	–	1.5
Clacton-on-Sea	og	ogcbc	bcc	cog	56	45	45	–	–	–	–	3.9
Shoeburyness	oo	dcbc	bccotto	o	58	44	•	–	Trace	–	–	2.9
Felixstowe	oid.	obco	obco	oo	56	45	45	Trace	–	<0800	–	3.6
Lympne	or.r.m	ocbcr.	bcco	o	56	43	42	7	–	<0800	–	1.9
Scilly (St. Mary's)	oc	cb	b	bbc	57	48	•	–	–	–	–	8.5
Falmouth (Pendennis)	bc	bc	bc	bc	60	49	•	–	–	–	–	13.2
Plymouth (Cattewater)	oc	cbc	cb	bw	62	48	37	–	–	–	–	5.2
Portland Bill	c	c	b-bc	b-bc	58	50	•	–	–	–	–	•
Southampton (Calshot)	ordoq	ocbc	bbw	bwb	53	42	33	Trace	–	0900	–	2.6
Dungeness	corr	c	c	oo	57	46	•	5	–	<0800	–	•
Guernsey	coq	omo	bm	b.	56	48	•	–	–	–	–	

ISALLOBARS.

14th JUNE, 1924.

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	12th 1010	Scotia.	NE	5	c	51	49	3
3	13th 0200	Arundel.	NNE	5	o	53	49	7

GENERAL INFERENCE.

The wedge of high pressure over the British Isles will maintain fair weather except on the Northwest Seaboard, where secondaries associated with a depression near Iceland may cause some rain. Over the Southeastern half of the Kingdom the fair weather is likely to last a day or two, temperature rising gradually.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 14th June, 1924.
1. S.E. England	Wind light, northerly, becoming variable; fair generally; visibility good; warmer.
2. E. England	Moderate or light N. wind; cloudy to fair; visibility good; rather cold then warmer.
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. E. Scotland	Light variable wind; fair generally; visibility mainly good; warmer.
12. S.W. Scotland 13. Isle of Man	Wind southerly, light or moderate; variable sky, perhaps local showers; visibility moderate; warmer.
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind southerly, moderate; variable sky, probably rain in places; visibility moderate; warmer.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 12 - 13.

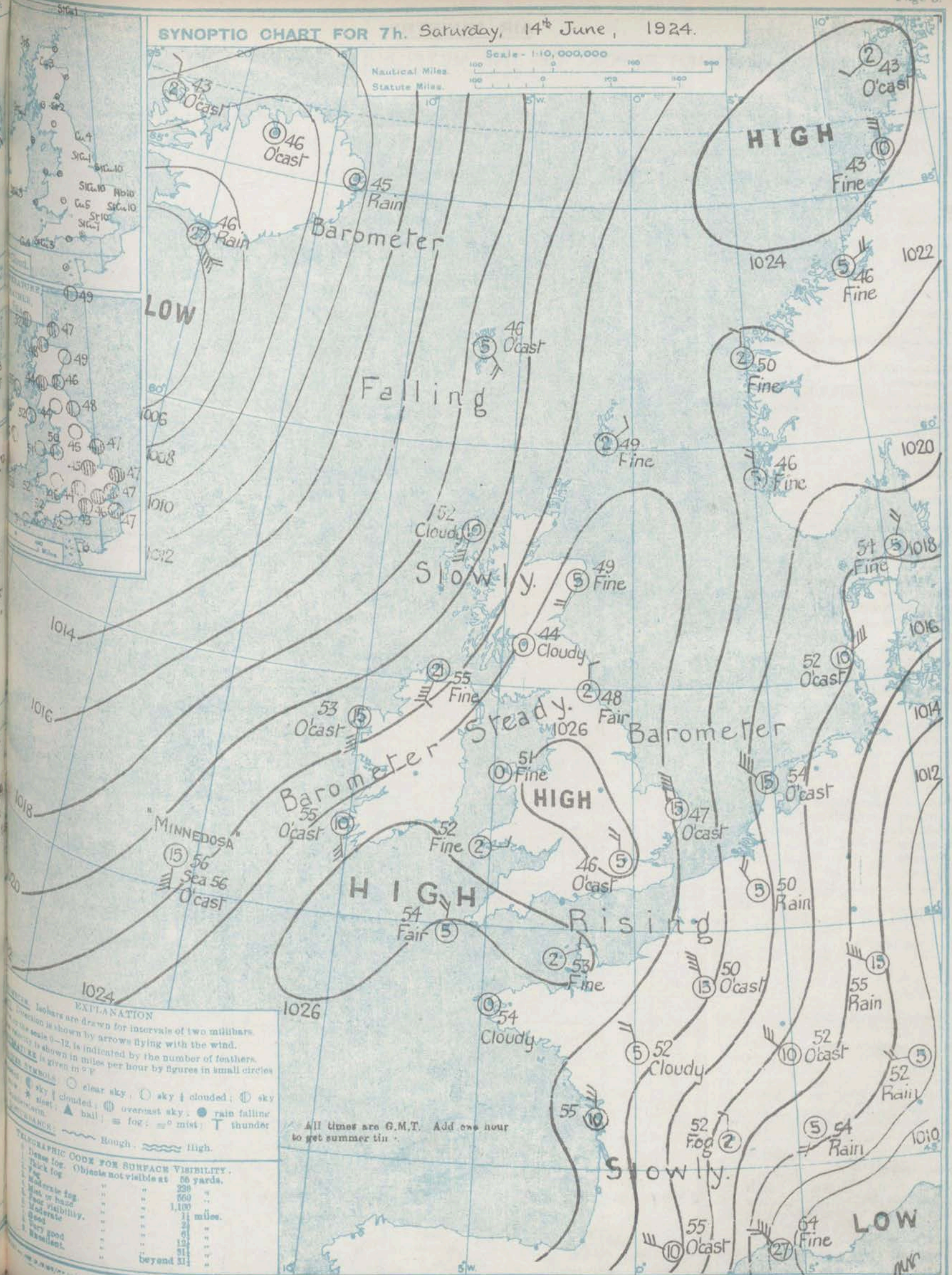
Further Outlook.

Fair for a day or two over South-eastern half of the British Isles; outlook uncertain for other districts.

G.C.S.

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 opposite page.


SYNOPTIC CHART FOR 7h. Saturday, 14th June, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
LOW
Barometer
Falling
Slowly.
Steady.
Rising
"MINNEDOSA"
EXPLANATION
All times are G.M.T. Add one hour to get summer time.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Saturday....14th June.....1924. No. 166

Observations at 0100 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.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1024·7	0	–	0	bc	43	85	8	5700	scu	2	Acu	4
Stornoway	51	1022·4	-1	SW	1	b-	•	•	6	•	•	•	•	•
Wick	81	1023·9	-1	S	2	c+	46	92	8	–	–	0	Asc	7
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	11	1022·6	0	S	2	c	47	85	8	5700	scu	1	Acu	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1024·7	+1	E	2	bc	45	85	8	•	sc	2	Acu	4
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1025·0	+1	NNE	1	bc-	44	85	6	1500	Nb	4	–	4
Blacksod Point	10	1022·4	0	NNW	1	bc	52	85	8	•	•	•	•	6
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1025·0	+1	–	0	b	47	85	8	–	–	0	Ci	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1023·4	+1	N	5	o	47	85	8	4000	Cu	10	–	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1024·6	+1	NNW	2	o	43	92	7	2500	scu	10	–	10
Gorleston	13	1021·7	+1	N	4	o	48	75	7	5700	scu	10	–	10
Valencia (Cahirciveen)	30	1024·6	0	S	1	b	51	97	9	–	–	0	Acu	1
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1024·5	+3	NE	2	bc	47	85	8	–	–	0	Acu	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1023·7	+2	NE	3	c	47	75	7	2500	scu	8	–	8
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1022·1	+2	N'W	4	o	45	75	8	4000	scu	10	–	10
Scilly (St. Mary's)	131	1024·9	+2	N	2	b	51	92	8	4000	Cu	1	Cicu	2
Falmouth (Pendennis)	200	1024·7	+2	N	3	b	51	92	8	5700	scu	2	–	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1023·8	+4	NE	2	b-	52	65	6	–	–	0	–	0
Southampton (Calshot)	12	1024·2	+2	NNE	2	b	47	75	8	–	–	0	–	0
Dungeness	21	1023·2	+1	NNE	2	o	47	75	8	4000	Nb	4	Asc	10
Guernsey														

Observations at 0700 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.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1023·0	-2	NE	1	b	49	75	8	5700	scu	1	Csc	2
Stornoway	1019·5	-2	SSW	3	c+	52	75	7	1500	sc	8	–	8
Wick	1022·1	-2	SSE	3	c	47	85	8	–	–	0	Csc	7
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	1022·1	•	–	0	bc	48	85	8	4000	cu	3	Acu	6
Aberdeen	1024·2	-1	SSW	2	b	49	75	7	–	–	0	Csc	1
Malin Head	1020·9	-1	SW	5	b+	55	75	8	7200	scu	1	Acu	3
Renfrew	1025·0	0	–	0	c	44	97	4	–	–	0	Cu	7
Edinburgh (Inchkeith)	1024·7	-1	SSW	1	bc+	46	85	8	•	sc	2	Ccu	6
Leuchars	1024·4	0	WSW	2	c	48	85	7	–	–	0	Ci	7
Eskdalemuir	1025·7	0	–	0	b	44	86	8	–	–	0	Csc	1
Tynemouth	1025·8	0	N	1	bc	48	75	7	4000	cu	4	–	4
Blacksod Point	1020·6	0	S	4	o+	53	92	8	•	•	•	•	10
Donaghadee	1024·3	0	S	3	b-	52	85	8	–	–	0	–	0
Birr Castle	1024·4	•	S	3	bc-	55	92	6	4000	scu	3	Acu	6
Holyhead	1025·5	0	–	0	b	51	92	7	–	–	0	Ccu	1
Liverpool (Bidston)	1026·3	0	SE	2	b-	50	75	6	–	–	0	Csc	2
Chester (Shotwick)	1025·8	+1	ESE	2	b	48	85	6	–	–	0	Cu	1
Harrogate	1025·7	0	NW	3	b-	45	75	8	5700	scu	1	–	1
Spurn Head	1025·4	+3	N	4	o	47	75	7	4000	scu	10	–	10
Birmingham (Edgbaston)	1027·6	+1	NNE	2	b	45	75	6	–	–	0	–	0
Cranwell	1025·9	+3	N'W	3	o	45	75	8	1500	scu	10	–	10
Gorleston	1022·9	0	NNW	4	o	47	75	7	4000	Nb	10	–	10
Valencia (Cahirciveen)	1024·9	+1	S'E	3	o+	55	92	7	800	sc	6	Acu	9
Roches Point	1026·1	+1	SW'W	2	o	53	85	8	2500	scu	9	–	9
Pembroke (St. Ann's H.)	1025·8	+1	E	1	b	52	85	6	–	–	0	–	0
Ross-on-Wye	1025·9	+1	NW	1	b	46	85	5	–	–	0	Ci	1
Leafield	1026·6	+2	NE	3	bc+	44	85	6	4000	cu	5	–	5
Andover	1025·7	+2	NNE	3	bc+	46	85	8	2500	cu	2	Ci	5
S. Farnborough	1025·3	+2	N	1	c+	43	97	7	2500	scu	7	–	7
London (Kew Obsy.)	1026·2	+2	N	2	o	46	75	8	2500	sc	10	–	10
Croydon	1025·4	+3	NE'N	3	o	45	75	7	1500	scu	9	–	9
Clacton-on-Sea	1024·2	+3	NNW	4	o	47	75	7	4000	sc	10	–	10
Shoeburyness	1024·7	+3	NE'N	3	o	47	65	8	4000	scu	10	–	10
Felixstowe	1024·2	+2	N	3	o	47	75	8	2500	scu	10	–	10
Lympne	1024·0	+2	NNW	3	o	45	75	8	2500	scu	10	–	10
Scilly (St. Mary's)	1025·9	+1	N'E	2	bc	54	92	7	4000	cu	4	–	4
Falmouth (Pendennis)	1026·5	+3	NNW	1	b	52	85	7	4000	scu	3	–	3
Plymouth (Cattewater)	1025·5	+3	N	1	b	52	85	7	220	sc	1	–	1
Portland Bill	1025·0	+2	NE	3	b	52	65	6	–	–	0	Ci	2
Southampton (Calshot)	1026·0	+2	N'E	3	b+	46	75	7	–	–	0	Cu	10
Dungeness	1024·4	+2	NNE	3	o	47	75	8	4000	scu	10	–	0
Guernsey	1026·2	+2	ENE	1	b	53	85	7	–	–	0	Ci	1

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 12th–13th °F	Temperature. Max. Day. 13th °F.	Rainfall.† Night 17h.–9h. 12th–13th mm.	Rainfall.† Day 9h.–17h. 13th mm.	Sunshine. Sunrise to 17h. 13th	Sunshine. Sunrise to Sunset. 12th hr.
Berwick-on-Tweed	ddgur	dcbcb	45	50	0·1	0·1	5·1	0·0
Douglas (I o M)	bc	b	45	57	–	–	12·3	6·0
Llandudno	bcb	b	50	57	–	–	8·7	5·2
Colwyn Bay	bc	b	49	57	–	–	9·0	5·8
Rhyl	bc	bcb	50	59	0·4	–	10·4	7·2
Southport	bcbc	bbcb	47	59	–	–	9·0	6·2
Blackpool	cbc	bb	47	59	–	–	10·1	4·8
Ilkley	bcbo	b	44	54	–	–	9·0	1·9
Skegness								
Aberystwyth	c	cb	52	59	–	–	11·0	7·5
Bath	oc	ocbcb	51	62	1	Trace	2·4	1·2
Leamington Spa	ocb	bcbz	49	59	0·2	–	5·4	3·6
Lowestoft	odoo	ooco	49	52	1	–	1·0	4·8
Felixstowe	o	oc	?	56	–	–	2·1	9·5
Harwich & Dovercourt	o	bc*	52	55	Trace	–	2·5	8·6
Southend	o	ocbc	53	57	0·2	–	2·0	3·2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 12th–13th °F	Temperature. Max. Day. 13th °F.	Rainfall.† Night 17h.–9h. 12th–13th mm.	Rainfall.† Day 9h.–17h. 13th mm.	Sunshine. Sunrise to 17h. 13th	Sunshine. Sunrise to Sunset. 12th
Ilfracombe	oc	bcbb	54	60	–	–	6·3	7·4
Bude	b	b	51	60	–	–	9·2	5·0
Paignton	bcbc	cobc	53	61	1	–	4·9	3·7
Torquay	b	b	51	61	3	–	6·3	2·7
Jersey	c	o	54	60	–	–	0·7	1·2
Weymouth	oc	co	52	64	–	–	1·2	1·5
Bournemouth	bc	bcc	51	58	0·3	–	2·5	5·0
Portsmouth (S'thsea)	o	oc	53	56	–	–	0·2	2·7
Littlehampton	oc	oc	52	56	2	–	0·5	1·4
Worthing	o	oco	53	56	2	–	0·4	2·1
Brighton	o	oc	53	59	5	–	1·4	4·2
Eastbourne	oc	o	53	60	4	–	0·4	
Hastings								1·6
Folkestone	r	o	51	57	1	7	0·0	7·3
Dover	rRo	oc	49	57	6	5	0·2	2·4
Tunbridge Wells	odo	ocbc	52	56	6	Trace	0·2	5·5
Ramsgate	o	oc	51	56	2	–	0·6	2·5
Margate	o	oc	54	56	2	–	0·3	3·3
Deal	ror	ocbc	49	57	7	1	0·0	

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22851 Sunday, 15th June 1924.

Observations at 1300 G.M.T. 14th

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	1021.8	-3	S	1	bc	50	75	8	5400	StCu	1	Ci St	4	•
Stornoway	1018.4	-1	SSW	5	opr	53	85	6	450	St	10	-	10	•
Wick	1021.3	-2	S	2	bc⊕	52	92	8	-	-	0	ACu	5	•
Castlebay														•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1022.1	-1	SSW	4	b	55	65	7	-	-	0	Ci	2	0
Malin Head	1021.1	0	SW	4	or	55	92	6	2500	Nb	8	A St	10	•
Renfrew	1023.0	-2	SW	3	c+	63	65	8	5700	StCu	4	Ci	7	0
Edinburgh (Inchkeith)	1022.4	-2	NW	1	bc	61	65	8	•	St	3	Ci Cu	6	•
Leuchars	1022.0	-4	SSW	3	c+	63	65	6	5700	Cu	4	Ci	8	0
Eskdalemuir	1024.7	-1	SW	4	bc	59	65	6	4000	Cu	5	Ci	6	0
Tynemouth	1025.2	0	SE	1	b	51	85	8	-	-	0	Ci	2	•
Blacksod Point	1020.5	0	S	3	od	54	92	7	•	•	•	•	10	•
Donaghadee	1023.5	0	S	3	bc+	62	65	8	-	-	0	Ci St	5	•
Birr Castle	1023.4	*	SW	2	c+	64	65	7	2500	StCu	7	-	7	•
Holyhead	1026.5	-1	SSW	3	bc+	60	75	7	-	-	0	Ci St	6	0
Liverpool (Bidston)	1025.4	-1	WSW	1	b-	59	55	8	5400	St	1	Ci	2	•
Chester (Shotwick)	1025.4	-1	ESE	2	b+	65	55	4	-	-	0	Ci	1	0
Harrogate	1025.0	+1	SE	1	b	61	75	8	-	-	0	A Cu	1	•
Spurn Head	1026.7	+1	ENE	2	b	53	75	7	-	-	0	-	0	*
Birmingham (Edgbaston)	1025.4	0	ESE	2	b	60	55	7	-	-	0	-	0	0
Cranwell	1026.2	+1	NE	2	b-	54	65	8	4000	Cu	3	-	3	1
Gorleston	1025.2	+2	NW	3	o	50	75	6	5400	StCu	10	-	10	-
Valencia (Cahirciveen)	1024.9	0	SE	4	odf	56	92	6	450	St	10	-	10	1
Roches Point	1026.1	0	SW'W	2	o	56	92	8	1000	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1026.6	+1	S	1	b	56	85	5	-	-	0	Ci	2	•
Ross-on-Wye	1025.4	0	E	2	b	61	40	6	-	-	0	-	0	0
Leafield	1026.0	0	W	1	b	59	65	6	-	-	0	-	0	1
Andover	1025.9	+1	NNW	1	bc	58	75	8	2500	Cu	4	-	4	0
S. Farnborough	1026.1	0	NNW	1	b-	61	55	4	2500	Cu	2	-	2	0
London (Kew Obsy.)	1026.8	0	N	1	bc	54	65	7	7200	Cu	3	Ci	4	1
Croydon	1026.4	0	N	2	bc-	54	65	6	4000	StCu	4	-	4	1
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1025.1	+1	NW	2	o-	51	65	8	4000	StCu	6	A St	9	•
Felixstowe	1025.9	+2	NNW	3	o	50	85	8	1500	StCu	10	•	10	0
Lympne	1025.8	+1	N	3	o	52	65	8	4000	StCu	10	•	10	0
Scilly (St. Mary's)	1026.9	+1	WN	1	bc	59	85	8	4000	StCu	1	Ci Cu	6	•
Falmouth (Pendennis)	1027.0	+2	S	1	b	62	75	8	4000	Cu	3	•	3	•
Plymouth (Cattewater)	1026.6	+1	S	3	b-	58	75	7	2500	StCu	3	-	3	0
Portland Bill	1026.3	+1	S	1	b-	54	75	6	-	-	0	-	0	•
Southampton (Calshot)	1026.9	0	N	2	b	58	55	4	4000	StCu	1	-	1	0
Dungeness	1026.1	+1	NNE	2	o	53	75	5	4000	StCu	10	-	10	•
Guernsey	1027.1	+2	E	1	b-	55	75	7	7200	CuNb	1	Ci St	2	•

Observations at 1800 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.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1020.5	-2	S	1	obr₀	48	85	6	4000	StCu	10	-	10	0
Stornoway	1016.7	-2	SSW	4	or	53	97	6	450	St	10	•	10	3
Wick	1018.3	-2	S	2	or	50	97	7	1500	Nb	6	A St	10	0
Castlebay														
Nairn	1019.4	•	WSW	1	c+	58	85	8	1500	St	4		4	•
Aberdeen	1020.4	-2	S	3	c⊕	54	75	6	5700	StCu	5	Ci St	8	1
Malin Head	1020.2	-1	SSW	4	or	54	92	7	5400	Nb	8	A St	10	1
Renfrew	1022.4	-1	SW	2	o	58	85	8	4000	StCu	10	-	10	•
Edinburgh (Inchkeith)	1021.4	-1	W	3	o+	60	65	7	•	-	0	Ci St	10	1
Leuchars	1020.9	0	WSW	3	o⊕	63	65	8	5100	StCu	2	A St	10	•
Eskdalemuir	1023.6	0	SW	4	c+	55	55	7	4000	StCu	1	A St	8	•
Tynemouth	1023.6	-2	S	1	b	53	65	7	1500	St	2	Ci	3	1
Blacksod Point	1019.9	0	S	2	od	55	97	7	•	•	•	•	10	5
Donaghadee	1022.9	0	SW	3	c+	54	75	8	800	St	8	-	8	4
Birr Castle	1022.8	•	SW	2	o+	64	85	6	2500	StCu	9	-	9	•
Holyhead	1025.0	-1	SSW	4	o+	56	88	6	-	-	0	Ci St	9	3
Liverpool (Bidston)	1024.6	0	NW	1	bc+	58	65	4	-	-	0	Ci	4	2
Chester (Shotwick)	1024.7	0	NW	4	bc+	62	65	7	-	-	0	Ci	5	•
Harrogate	1024.0	0	SE	2	b	61	85	6	-	-	0	A Cu	2	•
Spurn Head	1025.4	-1	ESE	3	b	49	85	7	-	-	0	Ci	2	•
Birmingham (Edgbaston)	1024.7	-1	NW	1	b	65	55	4	-	-	0	A Cu	1	•
Cranwell	1025.2	0	-	0	b	62	55	8	-	-	0	-	0	•
Gorleston	1025.6	0	NE	1	b	50	75	6	5400	StCu	1	-	1	0
Valencia (Cahirciveen)	1024.1	+1	SE	4	odf	56	92	6	450	St	10	-	10	3
Roches Point	1026.1	0	SW	3	o	53	92	4	800	St	10	-	10	0
Pembroke (St. Ann's H.)	[illegible]	-1	W	2	c+	56	85	6	..	-	0	A St	8	4
Ross-on-Wye	[illegible]	-1	SW	2	b	63	65	6	-	-	0	Ci	1	•
Leafield	1025.1	0	SW	1	b	61	65	6	-	-	0	-	0	•
Andover	1025.3	0	NW	1	b	63	65	4	-	-	0	-	0	*
S. Farnborough	1025.3	-1	NW	2	b	61	55	4	-	-	0	Ci	1	•
London (Kew Obsy.)	1026.4	-1	-	0	b	62	55	4	-	-	0	•	0	•
Croydon	1025.6	-1	W'S	1	b	58	65	6	-	-	0	Ci	1	•
Clacton-on-Sea	1026.0	0	WNW	1	c-	54	75	7	4000	StCu	7	-	7	0
Shoeburyness	1026.0	+1	WSW	1	b-	55	65	8	7200	Cu	2	-	2	•
Felixstowe	1025.4	-1	-	0	bc-	54	75	8	2500	StCu	4	-	4	1
Lympne	1025.8	0	NNW	2	c-	52	75	8	4000	StCu	7	-	7	•
Scilly (St. Mary's)	1027.4	0	-	0	b	60	85	8	4000	StCu	2	A Cu	3	0
Falmouth (Pendennis)	1026.6	0	N	1	b	59	75	8	4000	St	2	-	2	0
Plymouth (Cattewater)	[illegible]	0	SSW	2	b	54	85	4	4000	Cu	1	-	1	0
Portland Bill	1026.8	-1	W	1	b	55	46	6	-	-	0	-	0	3
Southampton (Calshot)	1026.1	-1	SW	4	b	55	75	7	-	-	0	Ci	1	0
Dungeness	1026.6	0	NNE	2	bc+	54	65	7	4000	Cu	2	A Cu	5	2
Guernsey	1026.6	-1	E	1	b	55	85	6	2500	Cu	2	-	2	0

LONDON OBSERVATIONS. (Weather and Temperature: 24 HOURS ENDED 0900 G.M.T. 15th; Humidity: Yesterday 15h. G.M.T., To-day 9h. G.M.T.)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	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.
Kew } 24 hours ended 0700	18	ocbc	bby	bybwow	•	•	34	-	-	8.1	•	•	•
Croydon } 24 hours ended 0700	244	obcm	bczb	ombowm	•	•	40	-	Tr	8.1	•	•	6
Greenwich (Royal Obsy.)	149	o	ob	bcobw	60	43	30	-	-	6.1	61	82	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7.5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•						7.4			•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	7.7	•	•	•
Camden Square	110			•						•	•		•
Kensington Palace	80	bcb	b	•	61	*	39	-	-	•	(At 18h 58)	81	•
Hampstead Observatory	450	•	•	•	62	45	37	-	-	7.9		81	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 14th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th ......h......m. to 15th ......h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

15th & 16th June, 1924

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.31 / 3.31	11.53 / 11.53	8.15 / 8.15
Greenwich	3.44 / 3.44	12.0 / 12.0	8.16 / 8.16
Wick	3.7 / 3.7	12.12 / 12.12	9.17 / 9.18
Valencia	4.22 / 4.22	12.41 / 12.41	9.0 / 9.0

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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

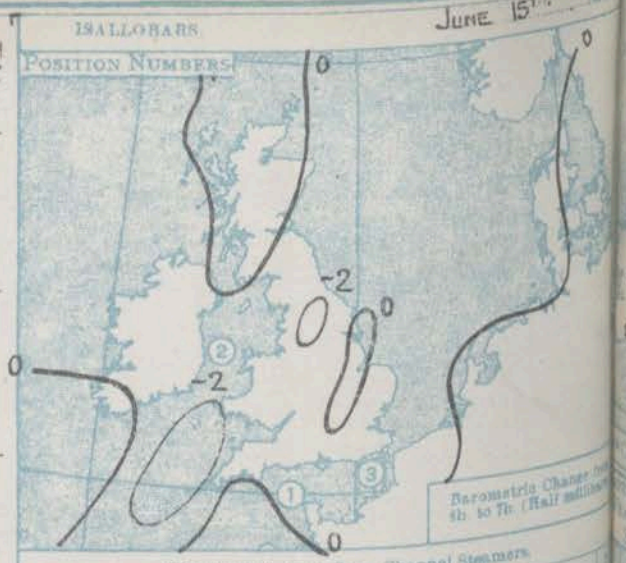
SEA DISTURBANCE.

0=no swell } Calm or
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

† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.–13h. 14	13h.–18h. 14	18h. 14 to 1h. 15	1h.–7h. 15	TEMPERATURE. MAX. Day. 7h.–18h.	MIN. Night. 18h.–7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.–18h. mm.	Night. 18h.–7h. mm.	Precipitation began.	Precipitation began.	SUN. 14 Hours.
Lerwick	bbc	bccgpr	omro	omrd	51	47	•	Trace	4	14.30	<2100	11.5
Stornoway	bp	rd	c	c	55	49	•	3	0.4	–	•	0.2
Wick	bbc	or.r.	or.ro	or.ro	54	50	•	0.3	1	16.30	<2100	•
Castlebay							•					
Nairn	bcg	bcpc	cpbc	bc	69	54	•	0.6	0.2	16.30	0230	7.2
Aberdeen	bbq	bqbcc	compr	ooir.	58	54	50	–	0.6	–	<2100	10.4
Malin Head	bcoirm	oir	oirm	mirco	59	51	•	3	2	12.30	<2100	2.5
Renfrew	cbcc	co	op.	or.	65	54	53	–	0.3	–	<2100	6.4
Edinburgh (Inchkeith)	c	c	oo	p	66	56	52	–	Trace	–	0430	11.5
Leuchars	cbcc	cbcco	oo	opr.o	67	54	50	–	0.1	–	0530	11.4
Eskdalemuir	bbc	bccy	cyom	omofc	61	48	47	–	–	–	•	10.5
Tynemouth	bbc	bbc	bco	o	54	50	49	–	–	–	–	•
Blacksod Point	rdd	rdd	oc	c	56	51	•	3	0.5	–	–	•
Donaghadee	bc	c	od	od	62	54	•	–	1	–	0230	•
Birr Castle	bcco	co	co	co	67	55	54	–	–	–	–	7.6
Holyhead	bbc	c		fc	60	51	49	–	–	–	–	11.6
Liverpool (Bidston)	bbc	bcb	bco		63	49	45	–	–	–	–	11.8
Chester (Shotwick)	bb	bbc	bccoc	bbw	68	45	38	–	–	–	–	12.8
Harrogate	bbc	bbc	bbc		65	46	41	–	–	–	–	14.1
Spurn Head	cobc	bbc	c	c	52	47	•	–	–	–	–	10.2
Birmingham (Edgbaston)	bb	bb	b	c	63	46	34	–	–	–	–	13.6
Cranwell	ocbcb	bb	bbcco	bbc	63	44	34	–	–	–	–	9.5
Gorleston	oo	oo	bw	bwxbc	56	41	32	–	Trace	–	<2100	0.2
Valencia (Cahirciveen)	oocl.	omd.	om	oor	58	53	53	0.3	5	12.30	<2100	0.0
Roches Point	oco	o	ofc	o	58	53	•	–	Trace	–	–	*
Pembroke (St. Ann's H.)	bbc	c	c	offcq	57	52	•	–	–	–	–	11.4
Ross-on-Wye	bz	bybz	bzbcbw	bcbwbcb	67	45	44	–	–	–	–	13.3
Leafield	bcb	b	bbc	bccm	63	42	35	–	–	–	–	14.1
Andover	bc	b	bbc	bccom	64	45	39	–	–	–	–	14.4
S. Farnborough	cbbc	by	byb	bbfcw	64	51	42	–	Trace	–	–	11.3
London (Kew Obsy.)	ocbc	bby	bybw	oow	62	46	34	–	–	–	–	8.1
Croydon	obcm	bcb	bm	bowm	59	40	40	–	Trace	–	–	8.1
Clacton-on-Sea	og	ogc	cbcb	bmw	54	43	40	–	–	–	–	1.5
Shoeburyness	g	ocbcb	bbc	bcc	54	41	*	–	Trace	–	–	1.9
Felixstowe	oco	ocbc	bcb	bw	54	45	35	–	Trace	–	–	1.4
Lympne	o	oc	cbcbw	bbccwr	52	39	32	–	–	–	–	1.4
Scilly (St. Mary's)	bc	bcb	bbcc	om	61	51	•	–	–	–	–	13.8
Falmouth (Pendennis)	bc	bc	b	cobc	63	49	•	–	–	–	–	14.4
Plymouth (Cattewater)	b	b	bo	owm	59	46	*	–	–	–	–	13.3
Portland Bill	bbc	bbc	fm	fm	56	50	•	–	–	–	–	*
Southampton (Calshot)	bby	byb	bom	bomm	61	44	43	–	–	–	–	14.5
Dungeness	oo	c	c	c	55	50	•	–	–	–	–	*
Guernsey	bbccbc	cbcbm	b	bffwbc	56	49	•	–	0.1	–	–	*



Observations from Cross Channel Steamers.

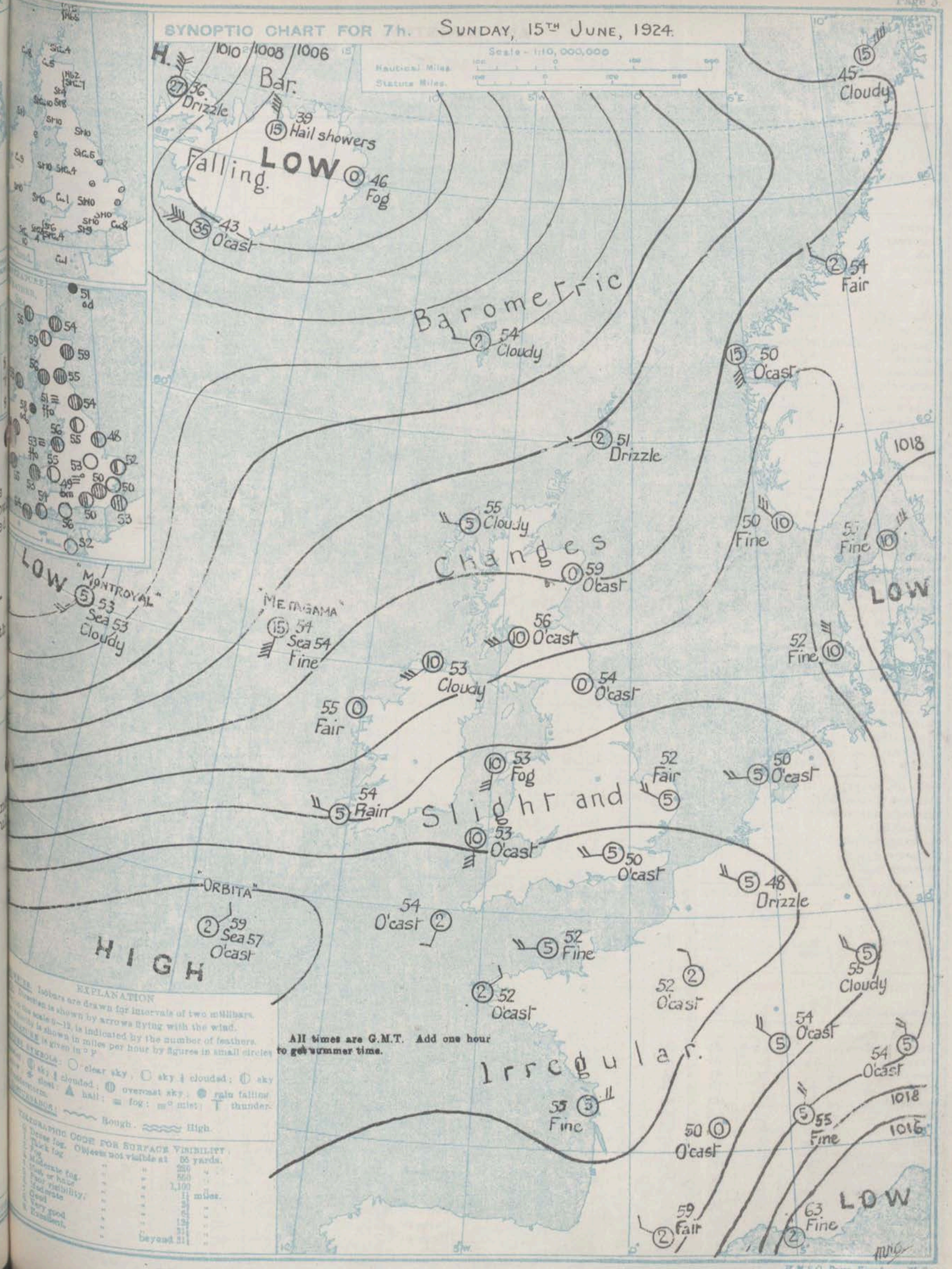
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	14th 0900	CAMBRIA	S	3	b	53	53
1	" 1200	REINDEER	NE	2	b	59	54
3	15th 0200	BRIGHTON	SW	3	b	51	53

GENERAL INFERENCE.

The wedge of high pressure extending from the Azores across Southern England is receding slow while a new depression is locate to the northwest fo Ireland and spreading east-north-eastwards. Fair weather will probably continue in the south and south-east of England but elsewhere conditions will be unsettled, with occasional rain or showers and freshening southwesterly winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 15th June, 1924.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light westerly winds; fair; morning mist; rising temperature.	Unsettled in the West and North, doubtful in the South.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Light or moderate S.W. winds; fair to cloudy, occasional rain or showers; morning mist; rising temperature.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Moderate or fresh S.W. winds; mainly cloudy, occasional rain; visibility moderate; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	As 7 - 11.	

† For Code see opposite page.



H.M.S.O. Press, Fetter Lane, W.C.4.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... SUNDAY, 15TH JUNE ...1924. No. 167...

Observations at 0100 G.M.T.... 15th ......

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 Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10
Lerwick	54	1016.9	-3	S	2	o/r	48	97	6	800	St	10	-	10
Stornoway	51	1014.5	0	WSW	2	b-	•	•	6	•	•	•	•	•
Wick	81	1014.4	-2	SW	2	or.r.	50	97	7	1500	Nb	6	A St	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	31	1019.9	0	WSW	4	or	54	97	7	2500	Nb	8	A St	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1020.3	-1	WSW	3	o	55	85	8	•	StCu	6	A St	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1022.6	-1	-	0	o+	52	75	6	4000	StCu	9	-	9
Blacksod Point	10	1020.1	0	SW	2	c	53	97	8	•	•	•	•	7
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26													
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1024.0	+1	SSE	3	c	49	94	4	5700	StCu	3	A Cu	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1024.3	-1	-	0	o	47	97	1	-	-	0	A Cu	9
Gorleston	13	1025.1	-1	SW	2	b	44	92	4	-	-	0	-	0
Valencia (Cahirciveen)	30	1022.8	-1	S	4	mo-	56	97	6	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1025.3	-2	W	3	o	53	85	8	2500	StCu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	1026.6	-1	SW'S	3	b	46	94	5	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025.5	0	W	3	b	44	92	8	-	-	0	-	0
Scilly (St. Mary's)	131	1025.9	-1	WSW	1	o+	52	92	8	4000	StCu	9	-	9
Falmouth (Pendennis)	200	1024.4	0	-	0	b	51	92	4	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1026.3	0		0	mb+	52	85	4	-	-	0	-	0
Southampton (Calshot)	12	1026.0	-1	S'W	3	o-	52	92	6	?	St	8	A Cu	9
Dungeness	21	1026.0	-1	W	1	b-	52	92	6	-	-	0	-	0
Guernsey														

Observations at 0700 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 Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10
Lerwick	1016.1	-1	WSW	1	od-	51	97	5	800	St	10	-	10
Stornoway	1014.1	+1	W	2	c	55	85	8	4000	Cu	8	-	8
Wick	1014.9	+1	N	1	o/r	54	92	4	4000	StCu	4	A St	10
Castlebay													
Nairn	1014.4	•	-	0	bc-	59	75	8	4000	Cu	5	-	5
Aberdeen	1014.9	0	-	0	o/r	59	85	8	2500	StCu	9	-	9
Malin Head	1019.4	0	SW	3	c	53	94	8	2500	St	1	Ci Cu	4
Renfrew	1019.6	-1	WSW	3	o/r	56	97	4	4000	StCu	10	-	9
Edinburgh (Inchkeith)	1019.2	0	W	3	o/r	55	92	7	•	St	8	Ci St	10
Leuchars	1018.4	-1	WSW	4	o	58	85	4	1500	St	4	A St	10
Eskdalemuir	1020.6	-1	SW'S	2	ffo	51	97	3	<150	St	10	-	10
Tynemouth	1020.9	-1	-	0	o	54	75	5	800	St	10	-	10
Blacksod Point	1019.0	0	-	0	bc-	55	92	9	•	•	•	•	6
Donaghadee	1020.0	0	W	1	od.	58	92	8	-	-	0	A St	10
Birr Castle	1021.2	•	SE	1	o	58	92	6	1500	Cu	9	-	9
Holyhead	1022.1	-1	S'W	3	ffo	53	97	3	<150	St	10	-	10
Liverpool (Bidston)	1022.2	-1	SSW	1	ct	56	75	6	5400	StCu	4	A Cu	8
Chester (Shotwick)	1022.1	-2	ESE	1	b+	55	85	9	-	-	0	Ci	2
Harrogate	1021.7	-2	SW	3	bc	55	75	7	5700	StCu	3	Ci St	6
Spurn Head	1022.5	+1	NNW	3	bc	48	92	6	-	-	0	A Cu	5
Birmingham (Edgbaston)	1023.6	-1	W	2	b+	52	85	7	2200	Cu	1	Ci Cu	2
Cranwell	1023.4	-1	W	3	b	53	85	6	-	-	0	Ci Cu	1
Gorleston	1022.8	0	W'N	2	bc+	52	85	6	-	-	0	A Cu	4
Valencia (Cahirciveen)	1021.6	0	WNW	2	or.r.	54	92	6	800	St	8	A St	10
Roches Point	1024.2	0	SW	2	o	55	94	4	1500	St	10	-	10
Pembroke (St. Ann's H.)	[illegible]	-2	S	3	o/f	53	97	6	800	St	10	-	10
Ross-on-Wye	1022.6	-1	W'N	1	b	53	85	4	4000	Cu	1	Ci Cu	2
Leafield	1024.3	-1	SW	2	mo	49	97	4	<150	St	10	-	10
Andover	1016.3	-1	NW	2	o	51	97	6	450	St	10	-	10
S. Farnborough	1024.1	-1	W	1	e-	52	97	6	450	St	8	-	8
London (Kew Obsy.)	1024.2	0	W'S	2	o	50	92	6	2500	St	10	-	10
Croydon	1024.2	0	W	2	o	51	94	6	1500	St	10	-	10
Clacton-on-Sea	1023.4	-1	W	2	mb	51	85	6	-	-	0	A Cu	2
Shoeburyness	1023.9	-1	W	1	c	51	85	6	1500	St	8	-	8
Felixstowe	1023.8	0	W'N	2	b	50	97	5	-	-	0	A Cu	1
Lympne	1024.2	-1	W	2	c	48	92	6	1500	St	6	Ci St	9
Scilly (St. Mary's)	1025.0	-2	SSW	1	o	54	97	6	4000	StCu	10	-	10
Falmouth (Pendennis)	1025.3	0	W	1	bc-	54	85	8	5400	StCu	4	-	4
Plymouth (Cattewater)	1025.4	-1	-	0	o	50	92	6	1500	St	10	-	10
Portland Bill	1024.2	-2	-	0	b/f	56	75	4	-	-	0	-	0
Southampton (Calshot)	1024.6	-1	NW'N	2	o+	52	92	6	1500	St	9	-	9
Dungeness	1024.9	-1	WSW	3	c+	53	85	6	2000	Cu	8	-	5
Guernsey	1025.0	0	W'S	2	b.	52	94	4	2500	Cu	1	-	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.... 14th JUNE ....

Stations	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 13–14 °F.	Temperature Max. Day 14 °F.	Rainfall† Night 17h.–9h. 13–14 mm.	Rainfall† Day 9h.–17h. 14 mm.	Sunshine Sunrise to 17h. 14	Sunshine Sunrise to Sunset 13 hr.
Berwick-on-Tweed	b	b	36	65	-	-	11.4	7.5
Douglas (I. o. M.)	b	b.b.g	53	59	-	-	9.8	14.6
Llandudno	b	b	41	62	-	-	11.8	11.2
Colwyn Bay	bc	bc	42	61	-	-	12.0	11.3
Rhyl	b	b	39	64	-	-	12.2	13.2
Southport	b	bbcb	40	63	-	-	11.8	12.0
Blackpool	b	cc	40	64	-	-	11.8	12.8
Ilkley	b	b	32	68	-	-	12.2	10.9
Skegness	oc	cb	45	53	-	-	6.7	3.9
Aberystwyth	cbb	b	44	62	-	-	11.0	13.5
Bath	b	b	39	66	-	-	12.0	3.6
Leamington Spa	bz	bz	38	64	-	-	12.5	6.4
Lowestoft	o	o	46	51	-	-	0.0	1.0
Felixstowe	o	o	45	53	-	-	0.0	3.5
Harwich & Dovercourt	o	o	45	53	-	-	0.0	3.1
Southend	o	o	46	55	-	-	0.0	3.5

Stations	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 13–14 °F.	Temperature Max. Day 14 °F.	Rainfall† Night 17h.–9h. 13–14 mm.	Rainfall† Day 9h.–17h. mm.	Sunshine Sunrise to 17h. 14
Ilfracombe	b	b	49	60	-	-	11.5
Bude	wbcb	b	42	60	-	-	12.5
Paignton	bw	b	49	62	Trace	-	11.4
Torquay	b	b	50	60	-	-	11.3
Jersey	b	b	48	62	-	-	11.2
Weymouth	b	b	44	61	-	-	11.5
Bournemouth	b	b	39	62	-	-	12.0
Portsmouth (S'thsea)	b	b	42	60	-	-	12.3
Littlehampton	bc	b	38	56	-	-	11.1
Worthing	cbc	bcb	43	57	-	-	8.3
Brighton	ob	ob	44	59	-	-	7.0
Eastbourne	obc	b	45	57	-	-	3.5
Hastings	o	obcc	45	55	-	-	2.0
Folkestone	co	co	45	54	-	-	1.5
Dover	o	o	47	53	-	-	0.0
Tunbridge Wells	o	cbcb	44	51	-	-	4.2
Ramsgate	o	o	46	53	-	-	0.0
Margate	o	o	47	53	-		0.0
Deal							

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22852 Monday, 16th June 1924. Page 1

Observations at 1300 G.M.T. 15th / Observations at 1800 G.M.T. 15th

STATIONS (For heights see p.4).	1300 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	1800 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
Lerwick	1015·6	0	W	2	ojp (bc)	54	85	8	2500	Nb	10 (5)	·	10 (5)	·	1015·8	0	W	1	b	54	85	7	2500	St	3	-	3	0
Stornoway	1016·7	0	SSE	2	c	57	85	8	4000	StCu	8	-	8	·	1015·7	-1	W	4	b-	58	75	9	4000	Cu	4	-	4	3
Wick	1017·4	0	SSW	1	c	52	92	8	2500	CuNb	6	A.Cu	7	·	1017·6	+1	SSW	1	bcjp	52	92	8	4000	CuNb	6	-	6	0
Castlebay														·														
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1015·4	·	?	?	c+	61	65	8	4000	Cu	4	ACu	8	·
Aberdeen	1018·2	+2	ENE	3	ojp	54	85	8	2500	Cu	10	-	10	1	1017·5	-2	E	1	bc-	53	92	6	450	St	3	-	3	0
Malin Head	1019·2	0	NW'N	1	c	55	85	8	5700	CuNb	6	A.Cu	7	·	1018·7	-1	NW'N	2	c	55	85	8	4000	Cu	5	A.Cu	7	1
Renfrew	1019·3	0	WNW	2	od₀	61	75	8	4000	St	10	-	10	!	1017·9	-1	SW	3	o	60	85	8	4000	StCu	9	-	9	·
Edinburgh (Inchkeith)	1018·6	-1	WSW	3	o	57	75	8	·	StCu	2	Ci.St	10	·	1017·3	-1	W	1	o:	57	85	7	·	St	2	A.Cu	9	
Leuchars	1017·5	-1	SW	4	o	65	65	8	4000	StCu	3	A.St	10	0	1016·4	-2	SW	3	c-	62	65	8	-	-	0	A.Cu	7	·
Eskdalemuir	1019·8	0	SSW	3	mo-	55	92	6	450	St	10	-	10	1	1018·4	-1	SW'S	3	od₀	55	97	6	800	St	10	-	10	·
Tynemouth	1019·7	-1	W	2	o/r	60	75	6	800	St	10	-	10	·	1018·5	-1	W	2	o	62	75	6	1500	Nb	10	-	10	0
Blacksod Point	1019·1	+1	SW'S	2	bc	61	85	9	·	·	·	·	6	·	1019·1	0	SW	1	bc-	57	85	9	·	·	·	·	4	0
Donaghadee	1020·1	0	-	0	od	55	92	7	220	St	4	A.St	10	·	1018·7	-1	NNW	2	od₀	53	97	7	-	·	0	A.St	10	0
Birr Castle	1020·1	*	SW	1	od₂	59	85	6	2500	Nb	9	-	9	·	1018·9	·	SW	1	c-	62	75	6	2500	Cu	8	-	8	·
Holyhead	1021·4	-1	S	3	mmo	56	97	4	220	St	10	-	10	1	1019·6	-2	SSW	3	o	55	92	6	1500	StCu	10	-	10	6
Liverpool (Bidston)	1021·2	-2	WNW	2	c+	60	75	8	1500	Nb	7	·	7	·	1019·6	-2	WNW	1	o	60	75	8	1500	CuNb	9	-	9	2
Chester (Shotwick)	1020·7	-1	W'N	4	o+	68	65	8	4000	Cu	8	Ci	9	0	1019·6	-1	W'S	3	o	64	65	9	2500	StCu	9	-	9	·
Harrogate	1020·2	-1	WSW	3	bc	62	85	7	4000	Cu	1	A.Cu	6	·	1018·9	-2	WSW	3	c	61	75	8	2500	CuNb	7	A.Cu	8	·
Spurn Head	1020·8	-3	ESE	3	bc	58	85	6	-	-	0	A.Cu	4	*	1018·8	-2	SE	2	o	55	85	6	2500	StCu	10	-	10	·
Birmingham (Edgbaston)	1021·4	-2	W	3	c	65	65	8	2500	StCu	7	-	7	·	1020·1	-1	WNW	2	o	63	75	8	4000	StCu	10	-	10	·
Cranwell	1021·1	-1	WSW	2	b	67	65	7	4000	Cu	1	Ci	1	1	1019·4	-2	WNW	1	o+	65	75	5		·	0	A.Cu	10	·
Gorleston	1021·4	-4	SSE	5	bc	62	65	6	4000	[illegible]	2	Ci.St	6	·	1019·7	-2	S'E	2	bc	61	85	6	4000	Cu	2	Ci.Cu	4	1
Valencia (Cahirciveen)	1021·3	-1	W'N	2	o	57	85	8	1500	StCu	8	A.St	9	!	1019·6	-2	W	1	bf₀	56	85	7	1500	St	4	A.St	9	0
Roches Point	1023·3	-1	SW	2	o	56	92	8	2500	StCu	4	A.St	10	·	1021·8	-1	SW	2	o	56	92	8	2500	StCu	8	Ci.Cu	9	0
Pembroke (St. Ann's H.)	1022·7	-1	S'E	2	o	56		7	1500	St	10	·	10	·	1020·9	-2	WSW	2	o/f	55	92	8	1500	St	9	-	9	3
Ross-on-Wye	1021·6	-2	SSW	2	o	64	75	6	2500	StCu	9	·	9	0	1020·0	-3	S'W	1	o+	64	75	8	4000	StCu	10	-	10	·
Leafield															1020·0	-3	SW	3	c+	63	85	7	5700	StCu	5	Ci.St	7	·
Andover	1022·3	-1	W'N	4	o+	63	75	8	2500	StCu	9	-	9	0	1020·8	-2	W'S	2	c	63	75	7	2500	StCu	8	-	8	*
S. Farnborough	1021·8	-2	W	3	bc+	71	55	8	4000	Cu	4	-	4	0	1020·3	-2	W'N	2	b	66	65	7	4000	Cu	2	-	2	·
London (Kew Obsy.)	1021·8	-2	SSW	2	b	66	55	7	4000	Cu	1	A.Cu	2	*	1020·4	-2	W'N	2	b	68	55	7	4000	Cu	1	A.Cu	2	·
Croydon	1021·6	-3	W	2	b+	69	55	7	4000	Cu	3	-	3	0	1020·1	-2	NW	2	bc+	66	65	8	2500	Cu	3	A.Cu	6	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1020·1	-2	W	4	b	61	85	6	-	·	0	Ci.St	2	1
Shoeburyness	1021·7	-1	SW	1	b	66	65	7	-	-	0	·	0	·	1019·8	-1	SW	1	b+	66	75	7	4000	Cu	1	-	1	·
Felixstowe	1021·9	-1	S	3	b	62	75	6	-	-	0	·	0	0	1020·1	-2	S	3	b	62	85	6	4000	Cu	1	-	1	1
Lympne	1022·5	-1	SW'S	3	c	59	75	6	1500	St	6	Ci.St	7	0	1021·0	-2	SW'S	2	bc	[illegible]	85	6	-	-	0	A.Cu	4	·
Scilly (St. Mary's)	1024·2	0	SSW	3	o	55	92	7	4000	StCu	5	A.St	10	·	1022·1	-2	WSW	2	o	55	97	4	1500	St	10	-	10	2
Falmouth (Pendennis)	1023·8	-1	WSW	2	o	57	85	8	5700	StCu	9	-	9	·	1021·9	-2	W	2	c-	58	75	8	5700	StCu	8	-	8	0
Plymouth (Cattewater)	1023·4	-2	SW	4	o	59	75	7	2500	StCu	9	-	9	0	1021·4	-2	SW	3	o	57	85	7	2500	StCu	9	-	9	1
Portland Bill	1023·7	0	W	3	b	56	75	7	-	-	0	Ci	1	·	1021·8	-2	W	3	b	55	85	7	-	-	0	Ci	1	3
Southampton (Calshot)	1023·2	-2	SW'S	5	bc-	60	75	7	4000	StCu	1	A.Cu	4	0	1021·4	-2	SW'S	4	b-	54	85	7	4000	Cu	1	-	1	0
Dungeness	1023·7	-1	SW	4	b	58	75	6	-	-	0	Ci	2	·	1021·3	-3	SW	3	bc+	55	85	6	2500	St	3	Ci.St	6	3
Guernsey	1024·4	-2	NNW	2	b	59	75	7	5700	Cu	2	Ci.Cu	3	·	1022·2	-3	N'W	1	b	59	75	8	-	·	0	-	0	0

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 16th

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	bcwbby	bybcy	bybwm	·	·	45	-	-	11·5	·	·	6
Croydon {24 hours ended 0700	244	obmz	bybcy	bcbwc	·	·	43	-	[illegible]	11·1			6
Greenwich (Royal Obsy.)	149	bz	b	bcp	74	50	38	·	·	10·9	45	63	6
City (Bunhill Row)	80			·	·	·	·			10·6	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	71	53	49	-	-	11·2	72	65	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	11·2	·	·	·
Camden Square	110	bcb	bbccb	·	74	54	48	-	-	·	·	71	·
Kensington Palace	80	bbc	bc	·	71	*	45	-	-	·	At 18h 58	68	·
Hampstead Observatory	450	·	·	·	69	53	42	-	-	11·2	·	80	·

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 15th

South Kensington

Max.	Time.	Min.	Time.
-	-	-	-
-	-		

Kew Observatory

Max.	Time.	Min.	Time.
-	-	-	-
-	-		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 21 h. 45 m. to 16th 02 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4 30	3 58	88
δ Ursae Minoris	4 30	3 52	86

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

16th - 17th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·31 3·31	11·53 11·54	8·15 8·16
Greenwich	3·44 3·44	12·0 12·1	8·16 8·17
Wick	3·7 3·7	12·12 12·13	9·18 9·18
Valencia	4·22 4·22	12·41 12·42	9·0 9·1

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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. Ш = lunar halo.
With present weather is [illegible] whenever [illegible] the general character of the weather.
A "solidus" divides actual [illegible] weather from preceding conditions, [illegible] 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

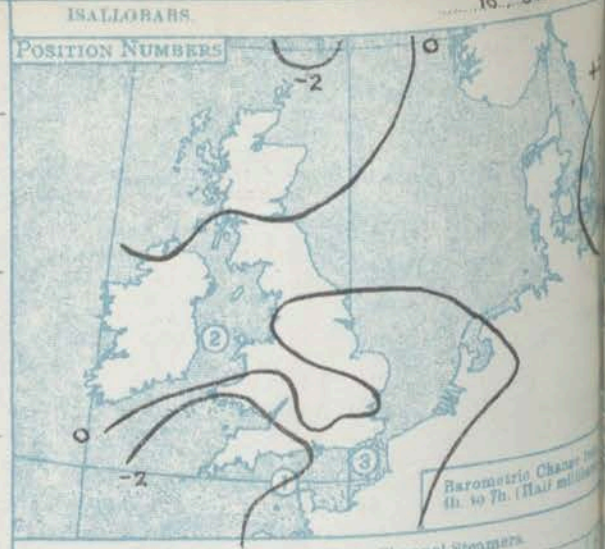
§ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 15th	Weather. 13h.-18h. 15th	Weather. 18h. 15th to 1h 16th	Weather. 1h.-7h. 16th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began	Sun 15th Hours.
Lerwick	od bc	bc	omd	ocbcm	55	49	.	-	0.1	-	42100	12.6
Stornoway	c	c	b-bc	p	59	48	.	0.4	-	-	-	7.3
Wick	c	c	c	c	59	46	.	-	-	-	-	.
Castlebay							.					
Nairn	bc	bcc	cqw	bccq	66	47	.	-	-	-	-	7.2
Aberdeen	op o	oirc	bcof	ofcbc	63	46	40	1	-	L0800	-	0.5
Malin Head	co	co	bccoc	cobc	57	46	.	-	-	-	-	5.2
Renfrew	op o	oid o	oc	cbcw	61	43	35	0.6	-	-	-	0.7
Edinburgh (Inchkeith)	d	p	p	cb	59	50	48	0.1	0.1	1530	42100	1.1
Leuchars	oo	opr c	cbcb	b	66	45	37	0.1	-	1530	-	1.6
Eskdalemuir	odfom	oid o	od mo	omoc	58	43	?	0.4	2	L0800	42100	0.0
Tynemouth	opif	o	o	obcm	64	55	52	0.1	0.2	L0800	-	.
Blacksod Point	bcb	bcbc	bcbc	bcbc	61	45	.	-	-	-	-	.
Donaghadee	ofd	iRof	bcffo	FFbc	58	48	.	5	-	L0800	-	.
Birr Castle	copr	co	oid	od d	62	53	52	1	1	0900	42100	0.1
Holyhead	fe i Dd	ombo	oido	om	59	52	52	1	0.5	0900	2200	1.0
Liverpool (Bidston)	cbcc	cbcoc		odm	65	55	55	-	1	-	0330	6.7
Chester (Shotwick)	bbco	ocoov	oo	oorp o	69	55	54	-	1	-	0430	9.6
Harrogate	b-bc	c		c	68	52	46	-	-	-	-	8.1
Spurn Head	b-bc	c	c	c	64	54	.	-	-	-	-	10.5
Birmingham (Edgbaston)	bcc	co	ocbc	bc	68	53	43	-	-	-	-	6.6
Cranwell	b-bc	bbccom	oc	cbcc	69	51	45	-	-	-	-	11.4
Gorleston	cq	cqbcq	bz	bcocz	64	53	49	-	-	-	-	12.0
Valencia (Cahirciveen)	co	oco	od	obo	59	53	50	1	4	L0800	42100	1.2
Roches Point	o	oco	of	ffo	58	53	.	-	0.1	-	-	*
Pembroke (St. Ann's H.)	oo	offo	offe	offcf	58	53	.	-	-	-	-	0.5
Ross-on-Wye	bcoco	oco	bsvco	bcof	66	53	51	-	Trace	-	42100	4.2
Leafield	fc	pcc	cowo	cbccm	67	50	45	-	-	-	-	9.2
Andover	cbcc	oc	b	bbccm	67	47	?	-	-	-	-	12.1
S. Farnborough	cbcbcy	bcyb	b	bbccm	73	47	?	-	-	-	-	12.1
London (Kew Obsy.)	bcwbby	by bcy	bybw	bwbwm	70	52	45	-	-	-	-	11.5
Croydon	obmz	by bcy	bcbw	bwcm	70	50	43	-	Trace	-	-	11.1
Clacton-on-Sea	bmz	bz	bczw	bczw	61	52	48	-	-	-	-	14.0
Shoeburyness	b	bz	bzbm	bm	69	48	?	-	Trace	-	-	12.4
Felixstowe	bz	bz	b	bmz	63	54	45	Trace	-	-	-	13.7
Lympne	ocm	om	bcbmw	bofe	69	55	37	-	-	-	-	10.9
Scilly (St. Mary's)	omo	om	oo	oc	59	52	.	-	-	-	-	0.0
Falmouth (Pendennis)	bcco	co	com	omfco	60	53	.	-	-	-	-	1.8
Plymouth (Cattewater)	oc	cbcc	oc	cbc	61	53	?	-	-	-	-	4.6
Portland Bill	b-bc	b-bc	b-bc	b-bc	58	53	.	-	-	-	-	.
Southampton (Calshot)	omcbc	bc	bmmw	bmwom	63	51	43	-	-	-	-	11.0
Dungeness	b-bc	b-bc	coff	off	59	49	.	-	-	-	-	.
Guernsey	bbccbc	bcb	bcb	b	61	49	.	-	-	-	-	.

Isallobars. 16th June, 1924.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	16th 2h	Arundel	NW	2	fb+	52	53

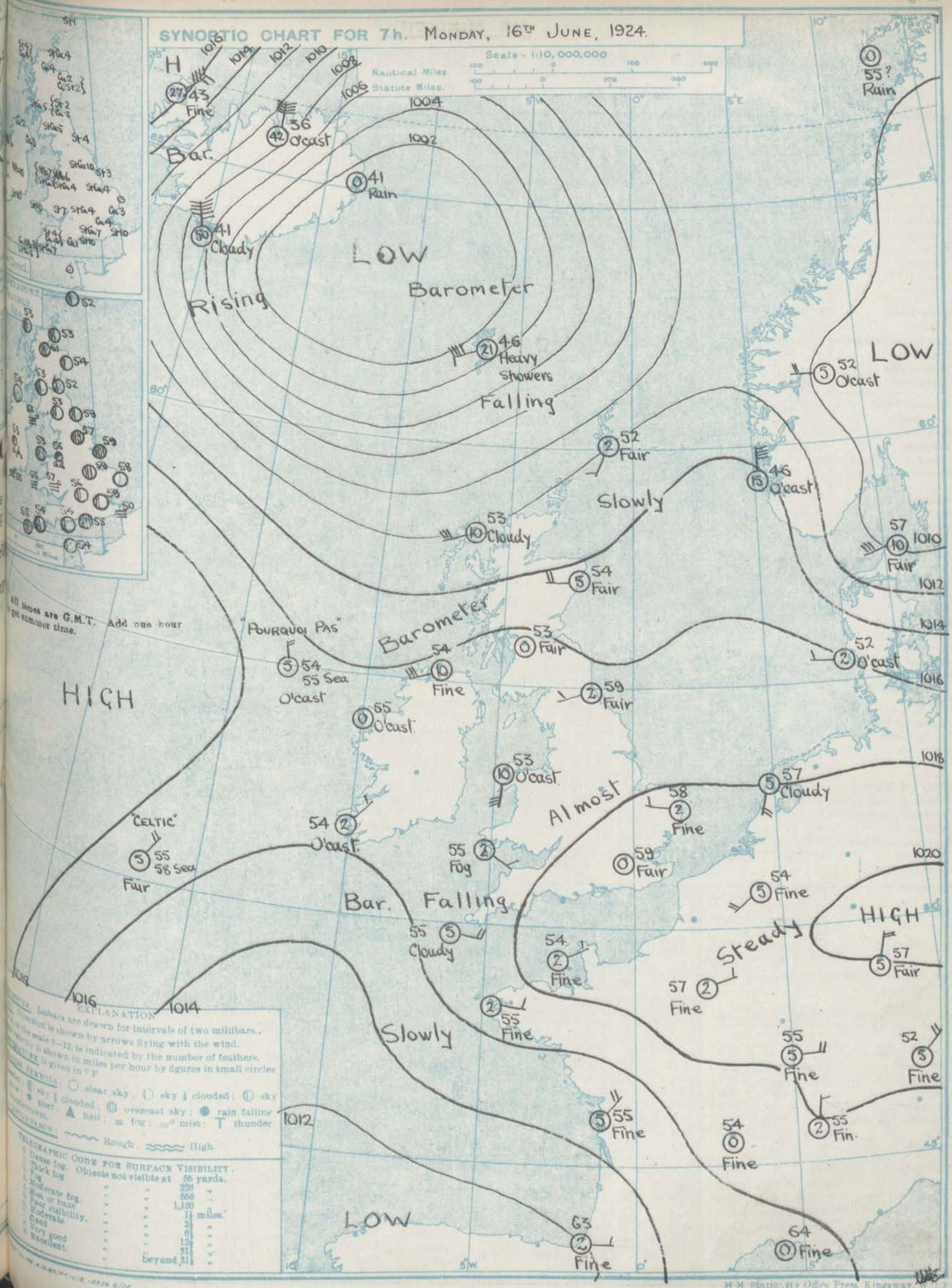
General Inference.

A depression north of the Faeroes is moving southeast and a shallow trough of low pressure westward of Ireland is spreading east. Winds light and variable at first, will become northwesterly or northerly with mainly cloudy weather, some showers, a tendency for thunder and a lower temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 16th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light variable winds; fair to cloudy, risk of local thunderstorms; morning mist; rather warm.	None issued.
4. W. Midlands 5. S.W. England 6. South Wales	Wind light, variable, becoming northerly; cloudy, some showers, risk of thunder; morning mist; becoming cooler.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly SW., light, becoming northerly; cloudy, some rain or showers; morning mist; becoming cooler.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind westerly, light or moderate, veering to NW. or N., and freshening; some rain or showers; visibility moderate to good; moderate to rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind becoming northerly, light or moderate; cloudy, occasional rain or showers; visibility moderate to good; cooler.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0935 G.M.T. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. MONDAY, 16TH JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles.
H
Bar.
Rising
LOW
Barometer
Falling
Slowly
Almost
Steady
Bar. Falling
HIGH
LOW
HIGH
LOW
Barometer
"POURQUOI PAS"
"CELTIC"
1004
1002
1006
1008
1010
1012
1014
1016
1018
1020
27 43 Fine
42 36 O'cast
0 41 Rain
50 41 Cloudy
21 46 Heavy Showers
5 52 O'cast
0 55? Rain
2 52 Fair
15 46 O'cast
10 53 Cloudy
10 57 Fair
5 54 Fair
0 53 Fair
5 54 55 Sea O'cast
10 54 Fine
2 59 Fair
2 52 O'cast
0 55 O'cast
10 53 O'cast
5 57 Cloudy
2 58 Fine
0 59 Fair
5 54 Fine
5 55 58 Sea Fair
2 54 O'cast
2 55 Fog
5 55 Cloudy
2 54 Fine
5 57 Fair
2 57 Fine
2 55 Fine
5 55 Fine
5 52 Fine
5 55 Fine
0 54 Fine
2 55 Fine
2 63 Fine
0 64 Fine
All times are G.M.T. Add one hour for summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Velocity is shown in miles per hour by figures in small circles
Temperature is given in °F
Weather symbols: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunder
Sea disturbance: Rough; High
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Code 1 Dense fog. Objects not visible at 55 yards.
Code 2 Thick fog " " 220 "
Code 3 Fog " " 550 "
Code 4 Moderate fog " " 1,100 "
Code 5 Mist or haze " " 1¼ miles.
Code 6 Poor visibility. " " 2 "
Code 7 Moderate " " 6 "
Code 8 Good " " 12 "
Code 9 Very good " " 31 "
Code 0 Excellent. " " beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Monday 16th June 1924. No. 168

Observations at 0100 G.M.T. 16th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1014·1	-3	SW	1	o/b	50	92	5	2500	St	10	-	10
Stornoway	51	1013·8	-2	-	0	bc-	•	•	6	•	•	•	•	•
Wick	81	1014·5	-2	SW	1	c	49	97	8	4000	StCu	8	-	8
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	58	1017·5	-1	SW	1	c	50	97	8	5700	CuNb	7	-	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	196	1016·0	-1	WSW	3	o	53	92	7	•	StCu	9	-	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	704	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1016·8	-1	-	0	o	56	92	6	1500	Nb	10	-	10
Blacksod Point	10	1017·2	-1	SW	1	bc	51	92	8	•	•	•	•	5
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1018·2	-1	SW'S	2	o/r	53	97	7	1500	StCu	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1017·5	-1	W	3	bc	55	97	6	-	-	0	ACu	6
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1018·7	-1	W	2	c	55	97	7	-	-	0	ACu	7
Gorleston	13	1018·8	0	SW	2	b	55	92	6	-	-	0	Ci	2
Valencia (Cahirciveen)	30	1017·7	-3	-	0	odd	54	97	4	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1019·0	-3	S	1	ff o	54	97	?	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1019·6	-2	SW'W	2	b	52	97	6	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1019·5	-1	SSW	1	ff o	48	97	2	-	-	0	-	0
Scilly (St. Mary's)	131	1020·1	-2	-	0	o	54	97	7	4000	StCu	9	-	9
Falmouth (Pendennis)	209	1021·3	-1	-	0	o	55	97	6	2500	St	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1019·1	-2	-	0	bc+	53	92	6	-	-	0	ACu	4
Southampton (Calshot)	12	1020·0	-2	WSW	1	b	53	92	6	-	-	0	Ci	1
Dungeness	21	1020·0	-1	SSW	2	ff o	50	97	2	450	St	10	-	10
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1012·1	-2	SW	1	bc-	52	85	6	2500	St	1	ACu	4
Stornoway	1011·9	-1	WSW	3	c-	53	85	7	800	St	8	-	8
Wick	1012·7	-2	WSW	1	c-	53	85	8	4000	StCu	4	ACu	7
Castlebay													
Nairn	1013·7	•	W	1	c	55	75	8	4000	StCu	7	-	7
Aberdeen	1014·3	-1	W	2	bc	54	75	8	2500	Cu	4	-	4
Malin Head	1016·3	0	WSW	3	b	54	85	8	4000	Cu	2	-	2
Renfrew	1016·5	0	-	0	bc+	53	85	7	2500	StCu	5	Ci	6
Edinburgh (Inchkeith)	1015·6	0	WSW	2	bc+	52	92	6	•	St	4	-	4
Leuchars	1014·9	-1	WSW	3	b	55	75	8	-	-	0	Ci	1
Eskdalemuir	1016·7	0	WSW	2	bc-	53	85	7	1500	StCu	5	Ci	6
Tynemouth	1016·9	0	WSW	1	bc-	59	85	6	800	St	4	ACu	6
Blacksod Point	1016·4	0	-	0	bc+	55	92	9	•	•	•	•	6
Donaghadee	1017·7	0	WNW	1	mbc-	52	97	4	800	Cu	3	AcSt	6
Birr Castle	1017·1	•	NNE	1	odd	53	97	4	800	Nb	10	-	10
Holyhead	1017·5	0	SSW	3	o	53	97	6	450	Nb	10	-	10
Liverpool (Bidston)	1017·1	0	WSW	1	odd	56	97	6	1500	Nb	10	-	10
Chester (Shotwick)	1017·3	0	S	2	o	58	92	8	2500	St	10		
Harrogate	1017·2	-1	WSW	3	o	57	85	7	4000	StCu	10	-	10
Spurn Head	1017·4	0	SW	1	c	59	85	6	2500	St	3	ACu	7
Birmingham (Edgbaston)	1018·0	-1	SW	1	bc	58	75	6	-	-	0	ACu	7
Cranwell	1017·9	0	W	2	c+	59	85	6	4000	StCu	4	ACu	0
Gorleston	1018·3	0	WNW	1	b	58	92	6	-	-	0	-	0
Valencia (Cahirciveen)	1016·3	0	NE	1	o	54	92	7	800	St	7	AcSt	9
Roches Point	1018·2	0	-	0	mo	55	97	4	4150	St	10	-	10
Pembroke (St. Ann's H.)	1017·4	-3	SE	1	fo	55	97	2	4150	St	10	-	10
Ross-on-Wye	1017·8	-1	-	0	mb-	57	92	4	4000	StCu	7	Ci	7
Leafield	1018·2	0	SSE	2	c-	56	97	6	-	StCu	4	AcSt	
Andover	1018·4	0	-	0	mc-	54	97	4	2500	StCu	7	-	7
S. Farnborough	1018·4	0	-	0	mc-	54	97	4	2500	StCu	7	-	7
London (Kew Obsy.)	1018·3	0	-	0	bc	59	85	6	4000	Cu	4	-	4
Croydon	1018·5	-1	NE	1	c⊕	61	85	5	4000	Cu	1	AcSt	3
Clacton-on-Sea	1018·1	0	NW	3	b	58	85	6	4000	Cu	3	-	1
Shoeburyness	1018·3	0	W'S	1	bf	61	75	5	-	St	1	-	2
Felixstowe	1017·9	-1	-	0	b	59	85	6	4000	Cu	2	-	10
Lympne	1018·8	0	S	1	ff o	49	97	2	4150	St	10		
Scilly (St. Mary's)	1017·4	-2	ESE	2	c	55	92	8	4000	StCu	8	-	8
Falmouth (Pendennis)	1017·2	-3	-	0	cf	54	97	7	4000	StCu	7	-	7
Plymouth (Cattewater)	1017·9	-1	-	0	c	57	85	7	2500	St	8	-	8
Portland Bill	1018·4	-2	-	0	o-	54	92	6	4000	Cu	4	Ci	4
Southampton (Calshot)	1018·6	-2	-	0	o	55	97	5	450	St	10	-	10
Dungeness	1019·6	-1	SSW	1	Fo+	50	97	1	220	St	10	-	10
Guernsey	1018·6	-1	ENE	1	b	54	85	8	-	-	0	CuSt	3

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 14th-15th °F	Temperature. Max. Day. 15th °F	Rainfall.† Night 17h.-9h. 14th-15th mm.	Rainfall.† Day 9h.-17h. 15th mm.	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th hr.
Berwick-on-Tweed	zczocg	pRd	52	64	-	3	0·0	12·0
Douglas (IoM)	o	o	43	60	-	-	0·1	9·8
Llandudno	cbcod	occb	47	66	-	0·5	6·6	12·0
Colwyn Bay	bc	bc	51	65	-	-	3·7	12·6
Rhyl	bcc	cbc	48	64	-	-	5·5	13·2
Southport	ocbco	ocbco	47	64	-	-	4·2	12·8
Blackpool	c	cpc	49	62	-	0·2	0·8	12·0
Ilkley	bcb	bcb	45	69	-	-	9·5	14·2
Skegness	b	b	47	71	-	-	10·2	9·5
Aberystwyth	ooc	o	50	62	-	-	0·3	11·8
Bath	o	ocbc	52	64	-	-	4·1	13·0
Leamington Spa	bcbc	cbo	44	69	-	-	8·1	13·9
Lowestoft	cocb	bbbc	42	62	-	-	10·0	0·2
Felixstowe	bm	bm	43	63	-	-	12·0	1·5
Harwich & Dovercourt	b	bm	43	65	-	-	12·0	1·8
Southend	b	b	45	71	-	-	9·5	1·5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 14th-15th °F	Temperature. Max. Day. 15th °F	Rainfall.† Night 17h.-9h. 14th-15th mm.	Rainfall.† Day 9h.-17h. 15th mm.	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th hr.
Ilfracombe	o	o	52	59	-	-	0·1	12·5
Bude	o	o	50	61	-	-	0·2	14·5
Paignton	bwbc	bccbc	45	68	-	-	9·7	13·4
Torquay	bbc	cbc	47	66	-	-	7·7	13·2
Jersey	bc	bc	49	60	-	-	9·0	13·5
Weymouth	b	b	47	66	-	-	11·1	13·9
Bournemouth	b	b	48	68	-	-	8·5	14·6
Portsmouth (S'thsea)	cb	bb	49	67	-	-	6·5	13·5
Littlehampton	bc	bc	52	59	-	-	8·1	10·5
Worthing	obc	b	50	62	-	-	7·0	4·0
Brighton	c	c	48	61	-	-	1·9	4·0
Eastbourne	bbc	b	46	59	-	-	9·7	
Hastings	ocbcb	bbcc	43	59	-	-	6·0	2·1
Folkestone	bc	bc	45	61	-	-	11·2	2·7
Dover	bmm	bbc	44	58	-	-	12·2	0·0
Tunbridge Wells	bcb	b	41	69	-	-	7·5	5·9
Ramsgate	b	bm	45	62	-	-	12·0	0·0
Margate	b	b	44	65	-	-	12·2	0·2
Deal	b	b	42	63	-	-	12·4	

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22853 Tuesday 17th June 1924.

Observations at 1300 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 Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground
Lerwick	1011.3	-1	SW	2	o	54	75	6	2500	St	3	Ci.St	10	•
Stornoway	?1016.4	+1	W	4	c-	55	65	7	800	Cu	7	-	7	•
Wick	1011.9	0	NW	3	cpro	55	85	8	2500	Cu.Nb	8	-	8	•
Castlebay														•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1013.7	0	ESE	2	c	57	75	6	2500	Cu	7	-	7	1
Malin Head	1015.9	0	W	4	bc	57	75	8	4000	Cu	3	A.Cu	4	•
Renfrew	1015.6	-1	SW	4	c	62	75	8	4000	St.Cu	7	-	7	0
Edinburgh (Inchkeith)	1015.4	-1	WSW	2	c+	60	65	8	•	Cu	5	Ci.St	7	•
Leuchars	1014.2	-1	W	3	c	62	55	8	4000	St.Cu	7	Ci	8	0
Eskdalemuir	1015.3	-1	WSW	3	c	63	55	7	4000	Cu	4	A.Cu	7	1
Tynemouth	1016.7	0	SE	1	c+	59	85	6	1500	Nb	8	-	8	•
Blacksod Point	1016.5	0	NW	1	bc	59	65	9	•	•	•	•	6	•
Donaghadee	1017.2	0	SSE	2	bc-	55	85	8	450	St.Cu	6	-	6	•
Birr Castle	1015.5	[illegible]	NE	1	o-	58	85	6	1500	Nb	9	-	9	•
Holyhead	1017.1	-1	NW'N	1	c	56	92	6	2500	Cu	1	A.Cu	8	1
Liverpool (Bidston)	1016.8	+1	NW	1	bc-	60	75	7	2500	Cu	6	—	6	•
Chester (Shotwick)	1016.6	0	NNW	3	oro	61	85	7	2500	St.Cu	10	-	10	1
Harrogate	1016.6	0	WSW	3	o	60	85	7	4000	St.Cu	10	-	10	•
Spurn Head	1016.9	-1	ESE	3	o	60	85	6	4000	Cu	9	-	9	*
Birmingham (Edgbaston)	1016.3	-1	SSW	2	o+	67	65	8	5700	St.Cu	9	-	9	0
Cranwell	1017.1	0	W'S	2	c	72	55	8	4000	St.Cu	3	Ci.St	7	0
Gorleston	1018.2	0	SE	2	b	65	75	6	5700	Cu	2	-	2	
Valencia (Cahirciveen)	1015.0	-3	-	0	o	59	85	8	1500	St	7	A.St	10	1
Roches Point	1016.6	-1	SSE	2	o	60	85	8	4000	St.Cu	4	A.St	10	•
Pembroke (St. Ann's H.)	1015.9	-3	-	0	bc/f	58	75	8	2500	Cu	1	A.St	6	
Ross-on-Wye	1015.7	-2	SE	3	bc	68	55	7	4000	Cu	4	Ci	5	0
Leafield	1016.3	-3	SSE	4	bc	69	55	8	4000	Cu	6	•	6	0
Andover	1016.6	-2	SE'S	2	o⊕	67	55	8	2500	Cu	3	Ci.St	10	0
S. Farnborough	1016.7	-1	SE	3	bc	70	45	8	4000	Cu	1	Ci	6	0
London (Kew Obsy.)	1016.5	-3	S	2	b	71	55	8	4000	Cu	1	-	1	0
Croydon	1016.7	-2	SSE	2	bc+	71	55	8	4000	Cu	1	A.St	5	0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1017.4	0	ESE	2	b	67	65	7	-	-	0	Ci.St	1	•
Felixstowe	1017.5	-1	S	3	b	66	65	7	5700	Cu	1	-	1	0
Lympne	1017.3	-2	S	1	b/f	60	85	6	1500	Cu	1	-	1	1
Scilly (St. Mary's)	1014.7	-3	E'S	4	c+	60	85	7	4000	St.Cu	5	A.St	8	•
Falmouth (Pendennis)	1015.0	-2	E	3	c+	55	85	8	5700	St.Cu	8	-	8	•
Plymouth (Cattewater)	1015.2	-3	SE	3	c	65	55	8	4000	St.Cu	4	Ci.St	8	0
Portland Bill	1014.3	-2	E	2	c+	58	75	6	-	-	0	Ci.St	8	•
Southampton (Calshot)	1016.3	-2	ESE	4	c+	61	75	7	-	-	0	Ci	7	0
Dungeness	1018.5	-1	-	0	fb-	55	92	3	-	-	0	-	0	•
Guernsey	1015.5	-2	ENE	2	bc+	60	85	-	-	-	0	Ci	6	

Observations at 1800 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 Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea.† 0-9
Lerwick	1011.9	+2	SW	2	bc	52	75	6	4000	Cu	4	A.Cu	5	1
Stornoway	1013.2	+1	W	3	c+	52	65	7	4000	Nb	8	-	8	2
Wick	1013.3	+1	SW	1	o	52	85	8	2500	Cu.Nb	10	-	10	0
Castlebay														
Nairn	1014.1	•	W	1	bc-	58	75	9	4000	Cu.Nb	5	-	5	•
Aberdeen	1013.5	0	NNW	3	cpro	57	75	8	4000	Cu.Nb	8	-	8	0
Malin Head	1016.1	0	NNE	2	b	55	85	8	4000	Cu	3	-	3	0
Renfrew	1015.4	+1	WNW	3	c+	61	75	9	4000	St.Cu	8	-	8	•
Edinburgh (Inchkeith)	1014.0	-1	WSW	3	bc	60	65	8	•	-	0	Ci.St	4	1
Leuchars	1014.0	0	WSW	3	bc-	62	65	8	5700	Cu	3	Ci	4	•
Eskdalemuir	1014.8	-1	W'S	2	bc	63	55	8	4000	Cu	2	A.Cu	5	•
Tynemouth	1014.9	-1	SE	2	c	58	85	6	800	St	4	A.Cu	8	0
Blacksod Point	1015.5	-0	N	2	c+	57	85	9	•	•	•	•	8	6
Donaghadee	1016.3	0	SSE	1	c+	56	85	8	-	-	0	Ci.St	8	0
Birr Castle	1014.2	•	NE	1	or	58	92	6	1500	Nb	10	-	10	•
Holyhead	1015.4	-2	NNE	1	o⊕	57	92	8	5700	St.Cu	4	Ci.St	9	1
Liverpool (Bidston)	1015.0	-2	NW	2	o+	59	85	7	2500	St.Cu	8	A.Cu	10	2
Chester (Shotwick)	1014.9	-1	WNW	4	o+	62	85	8	5700	St.Cu	4	Ci.St	9	
Harrogate	1015.2	+1	SE'S	2	c+	65	65	8	2500	St.Cu	6	A.St	7	•
Spurn Head	1015.9	-1	ESE	3	c	54	92	6	2500	St	7	-	7	•
Birmingham (Edgbaston)	1014.6	-2	S	2	o	67	65	8	2500	Cu	1	A.St	10	•
Cranwell	1015.8	-2	SE	1	bc	68	75	8	-	-	0	Ci.St	6	•
Gorleston	1017.8	-1	SSE	2	b	61	75	6	-	-	0	Ci.Cu	2	0
Valencia (Cahirciveen)	1013.8	-1	NNE	2	or-	56	92	6	800	St	10	-	10	3
Roches Point	1015.8	-1	SSE	2	o	57	92	8	4000	St.Cu	3	Ci.St	10	0
Pembroke (St. Ann's H.)	1013.9	-4	NNE	2	o	60	75	8	-	-	0	A.St	10	3
Ross-on-Wye	1014.1	-2	SSE	1	o⊕	65	55	8	-	-	0	Ci.St	9	•
Leafield	1014.4	-3	SE	2	-c	65	65	8	-	-	0	Ci.St	8	•
Andover	1014.1	-2	SE'E	1	o⊕	65	65	7	2500	St	3	Ci.St	10	-*
S. Farnborough	1014.7	-3	SE	3	o⊕	68	55	7	-	-	0	Ci	9	•
London (Kew Obsy.)	1014.7	-2	ESE	3	c	70	45	7	-	-	0	Ci	7	•
Croydon	1015.1	-2	SE	2	c⊕	66	65	8	-	-	0	Ci.St	8	•
Clacton-on-Sea	1016.9	-2	ESE	2	c⊕	63	85	6	-	-	0	Ci.St	7	0
Shoeburyness	1016.0	-2	ESE	1	bc+	63	75	6	-	-	0	Ci.Cu	4	•
Felixstowe	1016.4	-1	SE'E	2	o-	63	85	7	-	-	0	Ci.St	9	0
Lympne	1015.6	-2	E	2	bc+	64	55	7	-	-	0	Ci.St	4	•
Scilly (St. Mary's)	1012.7	-2	E	3	o	57	92	6	2500	St.Cu	10	-	10	3
Falmouth (Pendennis)	1013.3	-2	E	3	o	57	85	7	4000	St.Cu	10	-	10	0
Plymouth (Cattewater)	1013.2	-3	E	3	o	59	65	7	-	-	0	A.St	10	0
Portland Bill	1013.0	-2	E	3	o+	57	75	7	-	-	0	A.St	10	3
Southampton (Calshot)	1014.2	-4	E	4	o+	63	65	7	-	-	0	Ci.St	9	0
Dungeness	1015.7	-3	ENE	2	b-	64	65	7	-	-	0	Ci	3	2
Guernsey	1012.4	-4	E'N	4	c	57	85	6	-	-	0	Ci	8	5

LONDON OBSERVATIONS.

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. °F.	Temperature Min. °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 0900 G.M.T. 17th											
Kew } 24 hours ended 0700	18	bcby	bycy	cyoycmw	•	•	52	-	-	9.6	•	•	5
Croydon } 24 hours ended 0700	244	czbbcy	bccoy	coeue	•	•	44	Tr	-	12.7	•	•	6
Greenwich (Royal Obsy.)	149	bcb	⊕bc	coco	74	54	49	-	-	10.8	50	69	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	8.4	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	73	58	53	-	-	9.1	52	65	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	7.1	•	•	•
Camden Square	110	cbc	bbc	•	77	55	51	-	-	•	•	64	•
Kensington Palace	80	bbc	bbc	•	74	*	52	-	-	•	At 18h 47	68	•
Hampstead Observatory	450	•	•	•	72	54	47	-	-	8.3		63	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 16th.

South Kensington 9h. 15th - 9h. 16th

Max.	Time.	Min.	Time.
0.3	20h. 15th	<0.3	16-17h 15th
0.6	7-8h 16th		

Kew Observatory

Max.	Time.	Min.	Time.
0.4	22h. 15th	<0.3	5h. 16th
0.3	10h. 16th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 16th 21 h. 45 m. to 17th 02 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	0 48	18
δ Ursae Minoris	4 30	0 24	9

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soil (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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
17th	C	5	1	15°
18th	-	•	•	•
6th	-	-	-	-
00th	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

17th - 18th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.31	11.54	8.16
	3.31	11.54	8.16
Greenwich	3.44	12.1	8.17
	3.44	12.1	8.18
Wick	3.7	12.13	9.18
	3.7	12.13	9.19
Valencia	4.22	12.42	9.1
	4.22	12.42	9.1

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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, [illegible]
— = has decreased += has [illegible]ased.

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 } 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

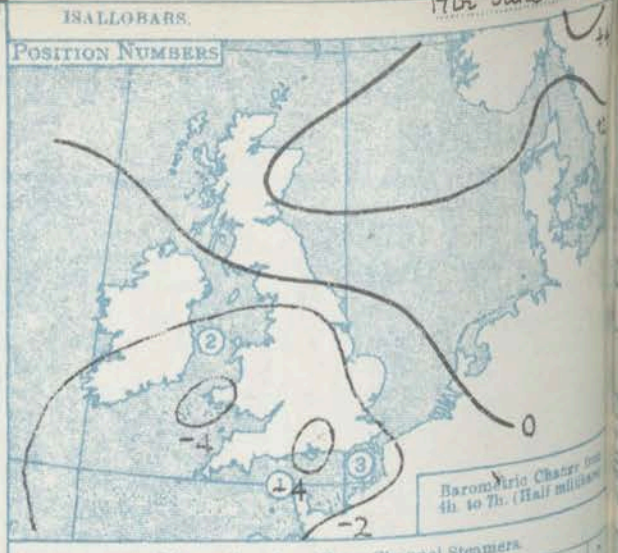
For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 16th	WEATHER. 13h.-18h. 16th	WEATHER. 18h. 16th to 1h. 17th	WEATHER. 1h.-7h. 17th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 16th Hours.
Lerwick	bccom	oprebc	bc	bc	56	47	•	Trace	-	1430	-	9.4
Stornoway	c	p	c	c	56	45	•	0.4	0.3	-	-	6.6
Wick	cpor	cporo	c	c	61	45	•	0.2	-	1100	-	•
Castlebay							•					
Nairn	cbc	bccpbc	bccw	bc	65	45	•	0.2	-	1430	-	7.6
Aberdeen	bcyc	cpr	cbo	coLr	62	47	41	0.3	Trace	1330	0530	5.9
Malin Head	bcv	bcv	bccov	oLR	59	46		-	3	-	0330	8.5
Renfrew	bccbc	cbcc	co	ordo	63	49	42	-	0.1	-	0230	8.9
Edinburgh (Inchkeith)	c	bc	orro	olr	62	51	49	-	0.1	-	2400	15.1
Leuchars	bbcc	cbcb	bbc	corro	65	48	38	-	0.3	-	0430	12.8
Eskdalemuir	bbccy	cybcy	bcyco	orlr	65	50	49	-	1	-	0430	9.7
Tynemouth	c	cm	bcm	b-bc	67	51	49	-	-	-	-	•
Blacksod Point	bcbc	bcc	oo	oo	59	51	•	-	0.5	-	-	•
Donaghadee	c	oo	o	oq	59	49	•	•	-	-	-	
Birr Castle	coido	coir	coir	cobc	61	49	42	1	0.3	1630	<2100	0.0
Holyhead	c	c	oo	c	58	53	49	-	-	-	-	3.3
Liverpool (Bidston)	c	cod		cm	64	56	54	Trace	-	<0800	-	4.0
Chester (Shotwick)	oog	occo	oom	omoof	67	52	46	Trace	-	<0800	-	2.5
Harrogate	oo	c		c	67	52	49	-	-	-	-	2.4
Spurn Head	c	c	c	c	65	52	•	-	-	-	-	6.6
Birmingham (Edgbaston)	c	co	oc	co	70	53	46	-	-	-	-	4.4
Cranwell	c	coc	c	bcrc	73	48	42	-	Trace	-	-	10.7
Gorleston	b.bc	bbc	cozw	bccz	65	54	44	-	-	-	-	12.4
Valencia (Cahirciveen)	ode	oldr	orcbc	bbc	59	47	38	3	5	<0800	<2100	0.0
Roches Point	oco	oco	obcw	bdco	64	50	•	-	Trace	-	-	*
Pembroke (St. Ann's H.)	oifc	c	b-bc	b-bc	62	52	•	-	-	-	-	2.3
Ross-on-Wye	mbccbc	bcyoyco	ow	ow	69	52	48	-	-	-	-	5.4
Leafield	cbcc	coc	co	co	63	50	48	-	-	-	-	8.6
Andover	ffc	oo	o	o	69	49	44	-	-	-	-	7.4
S. Farnborough	cmbbc	bcco	oow	oow	72	51	48	-	-	-	-	9.7
London (Kew Obsy.)	bcby	bycy	cyoyc	ccmw	73	56	52	-	-	-	-	9.6
Croydon	czbcy	bccoy	co⊕⊕	o⊕wm⊕	72	51	44	Trace	-	-	-	12.7
Clacton-on-Sea	bcz	bccz	cz	cz	65	58	56	-	-	-	-	11.3
Shoeburyness	b	bbc	bc	c	69	46	-	-	-	-	-	10.0
Felixstowe	bmzb	bbco	ooc	cwco	67	56	52	-	-	-	-	11.5
Lympne	of	bbcy	bcbbc	coc	65	55	52	-	-	-	-	7.1
Scilly (St. Mary's)	c	co	ocbc	bcc	61	52	•	-	-	-	-	3.3
Falmouth (Pendennis)	c	co	co	co	59	54	•	-	-	-	-	4.9
Plymouth (Cattewater)	c	cyo	oc	bcbbc	66	56	-	-	-	-	-	7.7
Portland Bill	bbc	c	c	c	60	56	•	-	-	-	-	
Southampton (Calshot)	ommcbcc	c	ocbc	c	63	57	55	-	-	-	-	7.5
Dungeness	fbf	f-m	c	c	65	54	•	-	-	-	-	
Guernsey	bbcm	bcc		c	61	54	•	-	-	-	-	

ISALLOBARS. 17th June

POSITION NUMBERS



Barometric Change from 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	16th 9h.	Cambria	NNW	3	oc	53	52
3	17th 2h.	Brighton	E	3	bc	56	54

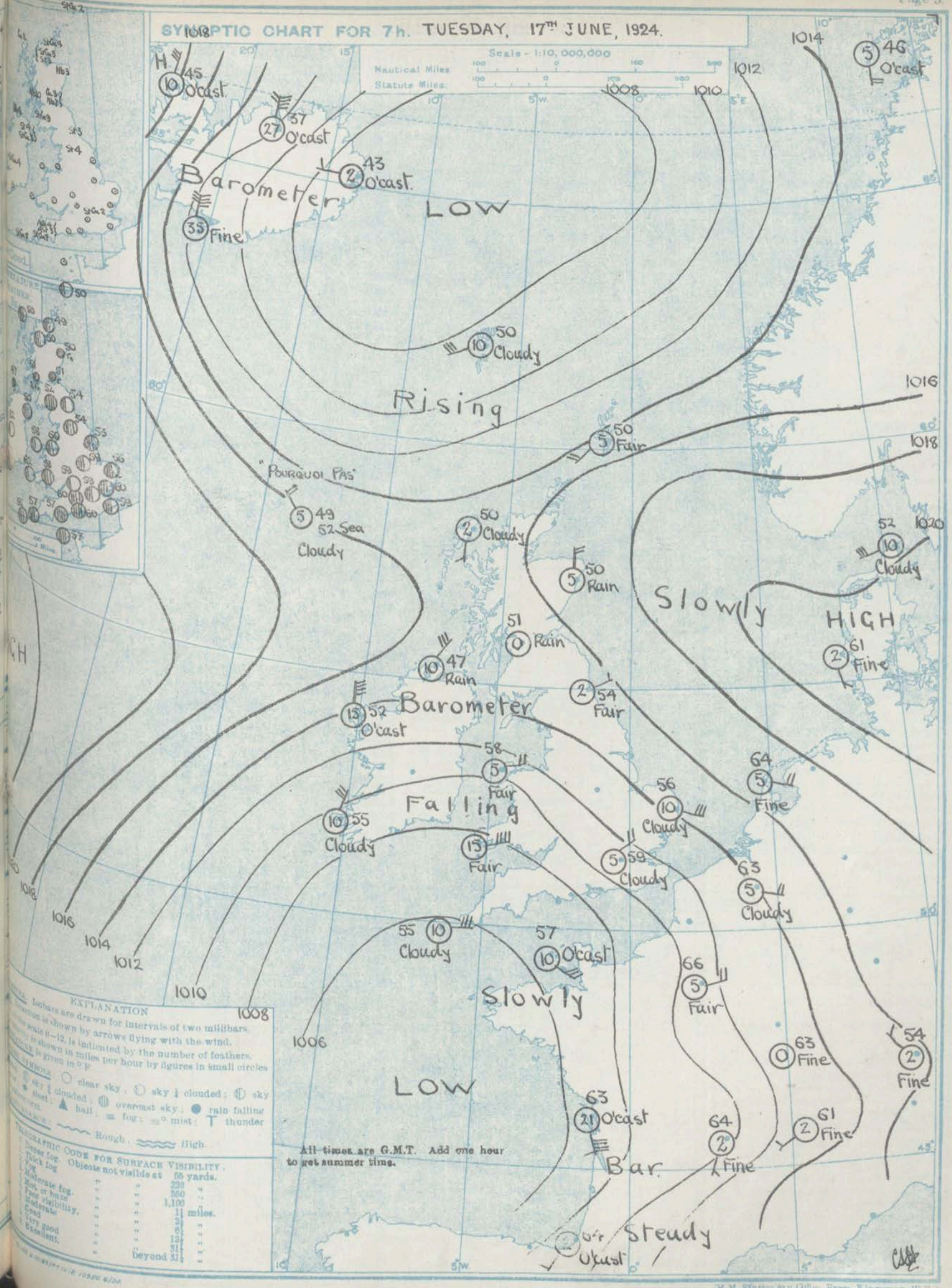
GENERAL INFERENCE.

A depression southwest of the British Isles is growing deeper while another depression north of the Faeroes is filling up. Freshening easterly winds are probable over England and Southern Scotland and light indefinite winds further north. There is a risk of local thunderstorms but the weather will be mainly fair over England with rather high temperatures.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 17th June, 1924.	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	Moderate or fresh easterly winds; mainly fair but a risk of local thunderstorms; visibility moderate or good; rather high temperature.	Mainly fair.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind E. to N.E., light to moderate; some rain with local thunderstorms, improving; visibility mainly good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind light and indefinite; mainly fair; visibility moderate to good; cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	Wind between N. and N.E., moderate or fresh; mainly fair, but local showers; visibility moderate to good; moderate temperature	
20. S.W. Ireland	Wind between N. and N.E., moderate or fresh; mainly fair; visibility moderate to good; rather warm.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0905 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. TUESDAY, 17TH JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Barometer
LOW
Rising
Slowly
HIGH
Falling
Slowly
LOW
Bar.
Steady
"POURQUOI PAS"
1018
1016
1014
1012
1010
1008
1006
1020
45 O'cast
37 O'cast
43 O'cast
35 Fine
50 Cloudy
50 Fair
49 52 Sea Cloudy
50 Cloudy
50 Rain
51 Rain
47 Rain
52 O'cast
54 Fair
58 Fair
55 Cloudy
Fair
56 Cloudy
59 Cloudy
64 Fine
63 Cloudy
55 Cloudy
57 O'cast
66 Fair
63 Fine
63 O'cast
64 Fine
61 Fine
54 Fine
46 O'cast
52 Cloudy
61 Fine
O'cast
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Force, on scale 0–12, is indicated by the number of feathers.
Temperature is given in °F.
Weather symbols: clear sky; sky ½ clouded; sky clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunder.
Sea: Rough; High.
METEOROLOGIC CODE FOR SURFACE VISIBILITY.
Objects not visible at 55 yards.
Thick fog
Fog
Moderate fog
Mist or haze
Poor visibility
Moderate
Good
Very good
Excellent
230
550
1,100
1 miles
2
6
12
31
beyond 31

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 17th June 1924. No. 169.

Observations at 0100 G.M.T. 17th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013·2	0	SW	2	bc	48	85	6	5700	St.Cu	2	ast	5
Stornoway	51	1015·0	0	W	2	bc	*	*	6	*	*	*	*	*
Wick	81	1014·9	+2	SSW	2	bc+	45	92	8	4000	St.Cu	2	ast	4
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1016·5	0	NNE	4	o	50	85	8	5700	St.Cu	9	-	9
Renfrew	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	106	1015·5	+2	SW	1	or fog	53	92	8	*	St.Cu	9	-	9
Leuchars	34	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1015·1	0	-	0	bc-	52	92	6	800	St	5	-	5
Blacksod Point	10	1014·6	-1	N	4	o	53	85	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1013·3	+1	-	0	0	55	75	8	2500	St.Cu	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1016·2	-1	SE	2	bc	55	97	6	-	-	0	acu	4
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1016·2	0	SE'E	2	bc	53	97	6	-	-	0	ast	6
Gorleston	13	1016·6	-2	SE	1	bc-	54	92	6	-	-	0	Ci	6
Valencia (Cahirciveen)	30	1012·3	-4	SW	2	bc-	54	97	8	-	St.Cu	5	-	5
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1012·0	-3	NE	1	bc	54	85	8	-	-	0	ast	5
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	305	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	290	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	59	*	*	*	*	*	*	*
Croydon	244	1013·9	-2	E'S	1	o⊕	55	85	6	-	-	0	Ci.St	10
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1013·7	-1	E'N	4	c⊕	58	85	7	-	-	0	Ci.St	8
Scilly (St. Mary's)	131	1009·4	-3	E	3	b-	53	92	7	-	-	0	Ci.Cu	2
Falmouth (Pendennis)	209	1009·6	-3	ENE	2	c-	55	85	7	4000	St.Cu	8	-	8
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1011·0	-2	E	5	bc-	57	75	6	-	-	0	Ci	5
Southampton (Calshot)	12	1012·1	-3	E	4	b-	59	85	6	-	-	0	Ci	3
Dungeness	21	1013·4	-1	E	3	c⊕	55	92	6	2500	St	3	Ci.St	7
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1014·5	+1	SW	2	bc	50	75	7	5700	St.Cu	2	acu	5
Stornoway	1015·1	+1	S	1	c	50	75	7	4000	Cu	8	-	8
Wick	1016·4	+1	SSW	2	c-	49	85	8	4000	St.Cu	4	Ci	7
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	1016·5	*	WNW	1	bc	50	85	8	1500	St	6	-	6
Aberdeen	1016·8	+2	N	2	or fog	50	85	7	2500	Nb	3	ast	10
Malin Head	1015·6	0	NE	3	or	47	85	8	4000	Nb	6	ast	10
Renfrew	1015·3	0	-	0	or fog	51	97	6	5700	Nb	10	-	10
Edinburgh (Inchkeith)	1015·1	+1	NE	1	or	51	92	8	*	Nb	10	-	10
Leuchars	1015·5	+1	ENE	2	o	52	85	7	2500	St	4	ast	10
Eskdalemuir	1014·9	-1	NNE	3	o/fr/r	52	85	6	2500	St.Cu	9	ast	10
Tynemouth	1015·0	0	ENE	1	bc	54	92	6	1500	St	3	Ci	5
Blacksod Point	1013·9	-1	N	4	o	52	85	8	*	*	*	*	10
Donaghadee	1015·1	-1	NNE	4	c-	50	92	8	800	St	7	-	7
Birr Castle	1010·5	*	NE	2	bc-	52	97	6	4000	St.Cu	4	-	4
Holyhead	1010·5	-2	E'N	2	bc	58	85	6	-	-	0	Ci.Cu	6
Liverpool (Bidston)	1011·4	-1	E	3	c	60	65	5	-	-	0	Ci.St	7
Chester (Shotwick)	1011·7	-2	SE	2	fc-	57	85	3	-	-	0	Ci	8
Harrogate	1014·2	-2	-	0	o-	54	92	5	4150	St	4	ast	10
Spurn Head	1014·5	-1	E	4	c	53	97	6	-	-	0	acu	7
Birmingham (Edgbaston)	1011·0	-3	ESE	3	c⊕	59	85	6	-	-	0	Ci.St	8
Cranwell	1013·9	-3	E	2	c	59	92	6	-	-	0	Ci.St	7
Gorleston	1015·0	-1	ESE	3	c	56	85	6	-	-	0	Ci	7
Valencia (Cahirciveen)	1009·3	-3	NE'N	3	c+	55	85	7	1500	St.Cu	7	-	10
Roches Point	1009·6	-3	NE	1	o	57	92	7	-	-	0	Ci.St	5
Pembroke (St. Ann's H.)	1008·0	-4	E	4	bc	?	65	8	-	-	0	Ci	10
Ross-on-Wye	1009·9	-2	E	2	o	58	85	6	-	-	0	ast	3
Leafield	1010·2	-3	SE	3	c⊕	59	85	6	-	-	0	Ci.St	7
Andover	1009·3	-3	ENE	3	o	60	75	6	-	-	0	ast	10
S. Farnborough	1010·1	-2	ENE	2	o	60	92	6	-	-	0	Ci	9
London (Kew Obsy.)	1011·0	-2	ENE	2	c	59	85	5	5700	St.Cu	2	Ci	7
Croydon	1011·0	-3	NE	1	c⊕	59	85	5	-	-	0	Ci.St	8
Clacton-on-Sea	1013·1	-1	E	4	c⊕	60	85	6	-	-	0	Ci.St	7
Shoeburyness	1011·4	-2	SE'E	3	c/f	60	75	6	-	-	0	Ci.St	7
Felixstowe	1013·2	-2	E	4	o	61	75	6	-	-	0	Ci	9
Lympne	1011·5	-2	E	4	c⊕	59	75	6	-	-	0	Ci.St	8
Scilly (St. Mary's)	1006·0	-3	E	3	c+	55	92	6	4000	St.Cu	8	-	8
Falmouth (Pendennis)	1006·2	-2	E	3	c+	57	85	7	4000	St.Cu	7	-	7
Plymouth (Cattewater)	1006·7	-1	E	3	c+	59	75	8	-	-	0	acu	10
Portland Bill	1007·2	-2	E	4	o+	57	85	8	-	-	0	Ci.St	10
Southampton (Calshot)	1008·9	-5	ENE	5	o⊕	60	75	6	-	-	0	Ci.St	10
Dungeness	1011·7	-1	ENE	4	c	59	75	6	-	-	0	Ci.Cu	7
Guernsey	1006·9	-3	SE	3	o	57	85	8	-	-	0	Ci.Cu	7

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 15th-16th °F	Temperature. Max. Day. 16th °F	Rainfall.† Night 17h.-9h. 15th-16th mm.	Rainfall.† Day 9h.-17h. 16th mm.	Sunshine. Sunrise to 17h 16th	Sunshine. Sunrise to Sunset. 15th hr.
Berwick-on-Tweed	drbbc	bcbcy	52	64	1	-	10.0	0.0
Douglas (I o M)	c	b	52	59	-	-	1·3	0.1
Llandudno	c	c	55	64	0·3	-	1·6	7·0
Colwyn Bay	bc	c	56	63	-	-	3·2	3·7
Rhyl	c·bc	c·bc£o	57	64	-	-	2·2	5·6
Southport	f.o.c	c·bc	56	64	3	0·3	3·7	4·5
Blackpool	f·oo	o·c	55	65	0·3	-	3·2	1·6
Ilkley	o.bc	bc·b	52	69	-	-	2·5	9·7
Skegness	o.c·b	b.bc·b	52	70	0·2	-	11·7	10·6
Aberystwyth	o·c	bc	53	61	-	-	3·0	0·3
Bath	o.c.bc.b	bc.c.o	53	69	-	-	5·2	5·7
Leamington Spa	bc.c	b	57	72	-	-	6·7	8·4
Lowestoft	b	b	52	65	-	-	11·6	11·2
Felixstowe	bz	bz.bc	52	66	-	-	11·2	13·7
Harwich & Dovercourt	b	b	60	69	-	-	11·4	13·6
Southend	b	b	54	70	-	-	10·0	11·5
Ilfracombe	o.c.o	o.c.o	55	64	-	-	2·5	4·3
Bude	bc.c	c	53	64	-	-	6·5	10·4
Paignton	bc.	bc.c.o	53	61	-	-	8·1	4·6
Torquay	b	b.bc.c	54	62	-	-	8·6	11·5
Jersey	b	bc	51	70	-	-	9·0	13·3
Weymouth	b	b.bc.o	48	66	-	-	8·8	10·7
Bournemouth	b	b	52	64	-	-	9·5	10·4
Portsmouth (S'thsea)	bc.b	b·bc	53	66	-	-	7·9	10·1
Littlehampton	om bz	bc	47	66	-	-	7·4	7·1
Worthing	o.bc	b	48	64	-	-	7·7	8·1
Brighton	o	b	46	65	-	-	5·7	12·1
Eastbourne	f.bc.b	b	45	64	-	-	7·0	6·3
Hastings	fm c.bc	bc.b.bc	49	66	0·1	-	8·1	11·2
Folkestone	f.	b	46	68	-	-	6·0	13·0
Dover	o f.c.bc	bc	47	66	-	-	5·2	13·3
Tunbridge Wells	b	b	45	69	-	-	11·6	13·3
Ramsgate	bm	bm	51	66	-	-	11·7	12·1
Margate	b	b	52	69	-	-	12·1	12·0
Deal	b	b	48	69	-	-	12·1	12·0

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22854 Wednesday 18th June 1924. Page 1.

Observations at 1300 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1016·3	+2	SW	2	bc	54	65	8	4000	Cu	1	CiSt	4	·
Stornoway	1015·0	0	SW	3	c	54	75	7	4000	Cu	8	-	8	·
Wick	1016·0	+0	S	2	c	52	85	8	5700	StCu	4	CiSt	7	·
Castlebay														·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1016·5	-1	NE	3	o	52	85	7	1500	St	10	-	10	1
Malin Head	1013·4	-2	N'E	4	c	52	75	8	-	-	0	CiSt	7	·
Renfrew	1012·9	-3	ENE	3	bc	61	85	6	2500	StCu	4	-	4	0
Edinburgh (Inchkeith)	1014·2	-1	ESE	3	b/r	55	85	8	·	-	0	CiSt	3	·
Leuchars	1014·6	-2	ENE	3	bc-	55	85	7	4000	StCu	1	CiCu	6	1
Eskdalemuir	1011·4	-3	NE'E	4	b	65	65	6	4000	Cu	2	CiSt	3	0
Tynemouth	1013·6	-1	ESE	1	bc	59	85	6	1500	St	3	Ci	5	·
Blacksod Point	1011·0	-0	NE	4	o	55	75	8	·	·	·	·	10	·
Donaghadee	1011·9	-1	NNE	4	c	54	85	8	800	Cu	4	CiSt	7	·
Birr Castle	1008·1	·	NE	2	c+	61	85	6	1500	Cu	8	-	8	·
Holyhead	1007·0	-4	ENE	4	c	64	75	6	5700	Cu	5	CiSt	7	0
Liverpool (Bidston)	1007·0	-3	E	4	o	71	55	6	4000	St	10	-	10	·
Chester (Shotwick)	1007·7	-4	SE'E	3	o+	71	65	7	4000	Cu	2	ASt	10	0
Harrogate	1012·2	-2	ESE	3	bc	69	55	7	-	-	0	CiCu	6	·
Spurn Head	1011·9	-3	E	4	o	58	85	6	-	-	0	ASt	10	·
Birmingham (Edgbaston)	1008·0	-3	ESE	4	o	68	65	7	-	-	0	ASt	10	0
Cranwell	1010·8	-2	E'S	4	o	69	75	6	-	-	0	ASt	9	0
Gorleston	1012·5	-3	SE	4	c	63	75	6	-	-	0	ASt	8	·
Valencia (Cahirciveen)	1005·7	-5	NE	4	c-	62	75	7	5700	StCu	4	ACu	7	!
Roches Point	1006·4	-4	E'N	2	o	60	75	7	5700	StCu	10	-	10	·
Pembroke (St. Ann's H.)	1006·4	-3	SE	4	orr	60	85	6	-	-	0	ASt	10	
Ross-on-Wye	1006·8	-4	ESE	3	o+	70	55	6	-	-	0	ASt	9	0
Leafield														
Andover	1007·3	-3	E'S	3	o	70	65	7	4000	St	4	ASt	10	0
S. Farnborough	1007·1	-3	E	4	o⊕	74	55	7	-	-	0	CiSt	9	0
London (Kew Obsy.)	1007·9	-3	E	3	o⊕	73	55	6	-	-	0	CiSt	9	0
Croydon	1008·2	-2	SE	3	o-	72	65	6	-	-	0	CiSt	9	0
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1009·6	-2	ESE	4	o	64	76	6	-	-	0	ASt	9	·
Felixstowe	1010·3	-3	E'S	4	o⊕	65	75	7	-	-	0	CiSt	9	0
Lympne	1008·3	-2	E	4	o⊕	70	55	6	-	-	0	CiSt	9	0
Scilly (St. Mary's)	1004·6	-2	E'S	3	opr₀	58	92	5	2500	StCu	10	-	10	·
Falmouth (Pendennis)	1004·2	-2	E	5	o	57	85	7	4000	StCu	10	-	10	·
Plymouth (Cattewater)	1004·0	-2	E	4	o/r	61	75	7	5700	Nb	6	ASt	10	0
Portland Bill	1005·9	-3	E	6	o+	58	75	6	4000	StCu	10	-	10	·
Southampton (Calshot)	1007·3	-3	ESE	5	o	62	75	6	-	-	0	CiSt	9	0
Dungeness	1008·6	-4	E	2	c⊕	65	65	6	-	-	0	CiCu	8	·
Guernsey	1005·2	?	SE	1	ojp	64	75	7	4000	Nb	3	CiSt	9	·

Observations at 1800 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Ves. 0-9
Lerwick	1017·6	+2	S	1	bc	52	75	8	5700	StCu	2	ACu	4	0
Stornoway	1014·7	-1	WNW	3	bc-	53	75	8	4000	Cu	3	ACu	5	2
Wick	1015·9	0	NE	1	c+	50	85	8	-	-	0	ACu	7	0
Castlebay														
Nairn	1013·4	·	ENE	4	c+	53	75	8	1500	St	8	-	8	·
Aberdeen	1015·0	-2	ENE	2	ffo	51	97	2	<150	St	10	-	10	0
Malin Head	1010·2	-3	N	5	o+	51	85	8	5700	Nb	8	ACu	9	4
Renfrew	1010·4	-3	ENE	4	o	59	92	6	1500	St	4	CiSt	10	·
Edinburgh (Inchkeith)	1011·6	-3	ENE	4	o/f	51	97	6	·	St	10	·	10	2
Leuchars	1012·6	-3	NE	5	FFo	51	97	1	<150	St	10	·	10	·
Eskdalemuir	1009·2	-1	E	5	c	63	55	6	5700	Cu	2	CiSt	8	·
Tynemouth	1010·8	-3	ESE	2	c+	55	85	6	1500	St	8	·	8	1
Blacksod Point	1008·8	-1	NE	4	o	54	75	8	·	·	·	·	10	?
Donaghadee	1008·2	-3	N	3	c+	54	85	7	800	St	8	·	8	4
Birr Castle	1003·6	·	E	2	c	66	65	6	2500	Cu	8	-	8	·
Holyhead	1004·3	-3	E	1	o/r	64	85	6	5700	StCu	4	ASt	9	0
Liverpool (Bidston)	1006·6	-2	ESE	2	orr	65	75	5	1500	CuNb	10	·	10	3
Chester (Shotwick)	1005·4	-2	E'S	3	or	64	85	6	2500	Nb	7	ASt	10	·
Harrogate	1008·8	-3	SE'E	3	c	68	45	7	800	St	4	CiSt	8	·
Spurn Head	1009·6	-4	E	4	c	54	97	6	5700	StCu	3	Ci	7	·
Birmingham (Edgbaston)	1006·4	-2	ESE	3	o	68	65	7	4000	CuNb	2	ACu	9	·
Cranwell	1008·3	-1	ES'E	3	o	67	75	7	-	·	0	ASt	9	·
Gorleston	1010·2	-2	SE'E	4	bc-	61	75	6	-	·	0	CiCu	6	1
Valencia (Cahirciveen)														
Roches Point	1002·7	-3	N'E	1	or-	56	97	5	1500	Nb	10	·	10	0
Pembroke (St. Ann's H.)	1003·9	-3	SE	4	cjp	58	85	7	1500	Nb	8	·	8	4
Ross-on-Wye	1006·3	-4	ESE	2	o	68	75	7	4000	CuNb	3	ASt	10	·
Leafield	1006·7	-3	SE	4	o	69	65	7	5700	StCu	7	CiSt	10	·
Andover	1005·5	-2	E'S	3	o	70	75	7	4000	StCu	8	ASt	10	·
S. Farnborough	1005·9	-2	SE	3	o+	73	65	7	-	·	0	ACu	9	·
London (Kew Obsy.)	1006·0	-2	ESE	3	c	77	55	7	-	·	0	CiSt	7	·
Croydon	1006·3	-3	SSE	2	c	73	55	8	-	·	0	Ci	8	·
Clacton-on-Sea	1008·0	-2	ESE	4	bc	65	75	6	-	·	0	Ci	6	1
Shoeburyness	1007·4	-2	ESE	2	bc	66	75	7	-	·	0	Ci	4	·
Felixstowe	1008·0	-3	E'S	4	o+	65	75	8	-	·	0	Ci	9	4
Lympne	1007·0	-1	ESE	4	c	71	65	7	-	·	0	CiSt	8	·
Scilly (St. Mary's)	1002·7	-2	S	3	bc-	59	92	6	4000	StCu	5	·	5	3
Falmouth (Pendennis)	1005·2	0	SW	4	c+	58	85	7	4000	CuNb	7	·	7	1
Plymouth (Cattewater)	1004·6	+1	S	5	c-	58	92	7	1500	StCu	6	ACu	8	1
Portland Bill	1005·3	0	E	2	o	57	85	6	2500	Nb	10	·	10	4
Southampton (Calshot)	1005·2	-3	ESE	5	o	64	85	6	-	·	0	ASt	10	3
Dungeness	1007·4	-2	ESE	3	bc-	65	75	8	-	·	0	Ci	5	2
Guernsey	1006·3	+4	W'S	3	c/r	59	85	7	5700	StCu	5	ACu	8	3

London Observations

24 Hours ended 0900 G.M.T. 18th (Kew, Croydon: 24 hours ended 0700)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	czezy	ozyey	cyHrure	·	·	46	-	2	5.0	·	·	7
Croydon	244	co⊕m	o⊕ cy	coyp⊕m	·	·	46	-	0.5	7.7	·	·	8
Greenwich (Royal Obsy.)	149	o	oc	dco	77	53	39	·	·	4.9	53	62	7
City (Bunhill Row)	80	·	·	·						6.1			·
Westminster (St. James' Pk.)	27	·	·	·	76	54	51	-	-	5.4	50	86	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	3.8	·	·	·
Camden Square	110	cbcc	oc	·	79	54	50	-	Tr	·	·	62	·
Kensington Palace	80	b bc	bc	·	77	*	47	-	2	·	At 18h 52	64	·
Hampstead Observatory	450	·	·	·	76	55	45	-	0.3	7.2		67	·

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 17th

South Kensington Max.	Time.	Min.	Time.
1.0	1400 16	<0.3	1600 16
1.0	0800 14		

Kew Observatory Max.	Time.	Min.	Time.
0.3	0400 17	<0.3	1600 17
0.4	0700 17		

Pole Star Record at Greenwich Obsy.

Exposure from 17th 21 h. 45 m. to 18th 2 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4 30	2 30	56
δ Ursae Minoris	4 30	2 17	51

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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
12h	-	-	-	-
18h	-	-	-	-
0h	-	-	-	-
6h	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

18th - 19th June 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·31	11·54	8·16
	3·31	11·54	8·17
Greenwich	3·44	12·1	8·18
	3·44	12·1	8·18
Wick	3·7	12·13	9·19
	3·7	12·13	9·19
Valencia	4·22	12·42	9·1
	4·22	12·42	9·2

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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 } 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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 17h.	13h.-18h. 17h.	18h. 17h. to 1h. 12h.	1h.-7h. 18h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN 17h. Hours.
Lerwick	bc	bbc	co	p	56	48		-	-	-	-	12.4
Stornoway	c	c	c	p	56	47		-	0.3	-	-	6.4
Wick	c	c	oFFe	FeFeor,r,	53	47		-	0.2	-	06.30	
Castlebay												
Nairn	bccp	cbq	cqobm	om	55	50		-	0.5	-	-	1.6
Aberdeen	ir, irp	oOff	of cfq	ocprooHr	56	49	47	2	2	<0800	04.30	0.2
Malin Head	cov	co	otlm	omlR	59	50		-	6	-	0330	5.4
Renfrew	or,cbc	ooccco	or,r,	or,r,	63	52	51	-	1	-	2400	4.7
Edinburgh (Inchkeith)	robc	beff	mmo	bomm	54	50	46	2	0.1	<0800	0230	3.0
Leuchars	oprbc	bccoF	OFF	oFm	56	50	47	3	-	<0800	-	2.3
Eskdalemuir	oob	beycy	cyopor,	oroco	68	50	47	-	0.3	-	<2100	7.9
Tynemouth	b-bc	c	c	oRRH	59	51	49	-	9	-	0130	
Blacksod Point	ddo	oo	pgq	bpc	56	52		0.1	4	-	-	
Donaghadee	oo	o	orbc	bc	55	52		-	2	-	2200	
Birr Castle	coz	coz	TLR	co	68	51	44	-	11	-	<2100	6.9
Holyhead	bbcm	pm	irr,o	c	64	54	51	trace	3	1730	<2100	7.4
Liverpool (Bidston)	pcm	orm	bt lr		73	54	50	1	2	1730	<2100	5.3
Chester (Shotwick)	cfczo	ocoprmorHRo		opr,bbc	74	51	46	0.4	4	1730	<2100	4.9
Harrogate	c	c	c	otthrm	70	54	50	-	21	-	2400	3.6
Spurn Head	c	c	c	bbc	59	54		-	-	-	-	6.5
Birmingham (Edgbaston)	co	co	otRRHrc	cbbc	70	50	45	-	11	-	<2100	2.8
Cranwell	oc	oo	or,t	co	72	51	45	-	trace	-	-	5.1
Gorleston	coz	coz	cq	beco	64	56	49	-	-	-	-	7.9
Valencia (Cahirciveen)	coc		lr bc	cbc	63	51	44		18		<2100	2.1
Roches Point	oo	oR	Hrm	pRo	63	54		9	13	15.30	-	
Pembroke (St. Ann's H.)	cor	qpr	cqbc	bcq	62	54		0.4	2	12.30	<2100	3.0
Ross-on-Wye	cbbcc	Po	pqtlRbc	bbc	72	52	46	trace	8	13.30	<2100	3.0
Leafield	co	co	oqtlRc	co	70	48	39	-	4	-	<2100	5.4
Andover	oo	o	otlPRo	oc	72	48	42	-	1	-	<2100	3.6
S. Farnborough	coy	ocyycbcc	otl R	o	75	50	44	-	2	-	2200	7.4
London (Kew Obsy.)	czczy	ozycy	cyothr	ortlro	78	55	46	-	2	-	2200	5.0
Croydon	co⊕m	o⊕cy	coyb, ⊕	ocmw	75	53	45	-	0.5	-	2200	7.7
Clacton-on-Sea	cz	cbcz	bccz	cz	65	60	56	-	-	-	-	9.3
Shoeburyness	c	cbc	bc	c	68	53		-	-	-	-	8.4
Felixstowe	c	oto			64	58	52	-	-	-	-	9.7
Lympne	oy⊕	ocy	c	om	72	54	54	-	-	-	-	9.9
Scilly (St. Mary's)	cor	obc	ocpq	yqp,	60	53		3	0.5	<0800	2200	4.2
Falmouth (Pendennis)	coR	co	co	co	60	53		3	-	0900	-	4.9
Plymouth (Cattewater)	opr,	oprc	cbcbpq	bccpq	63	55	50	trace	0.2	11.00	2400	3.5
Portland Bill	c	oo	bbc	bbc	59	54		-	1	-	<2100	
Southampton (Calshot)	oo	oo	otlrocbc	bcc	64	55	50	trace	1	1730	2200	4.2
Dungeness	c	c	c	c	68	54		-	-	-	-	
Guernsey	c	cprrc	bcc	p	63	54		1	-	1330	-	

SUN 17h. Hours.

ISALLOBARS. 18th JUNE, 1924.

POSITION NUMBERS

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	14th 1000	CAMBRIA	N	6	0	53	51
1	- 1100	RENDCEA	ENE	3	co+	57	54
3	18th 0100	ARUNDEL	WSW	2	bc	56	54

GENERAL INFERENCE.

The depression recently to the south of the British Isles is now centred over Southwest Ireland and appears to be moving very slowly northwest. Winds will be southeasterly or easterly with rather high temperatures in most districts. Rather unsettled weather is probable and there is some risk of further thunderstorms but considerable fair periods may be expected.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday 18th, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind mainly S. to S.E., light or moderate, tending to freshen later; mainly fair but a risk of some rain and perhaps thunder later; visibility moderate; very warm.	With-held.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind mainly S. to S.E., moderate or fresh; mainly fair but a risk of some rain and perhaps thunder later; visibility moderate or good; rather high temperature.	
9. N. Midlands 10. N.E. England	As 1 - 3.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland	Wind between S. and E., moderate to fresh; occasional rain and a risk of local thunderstorms, but considerable fair periods, visibility moderate; rather warm to moderate temperature.	
15. Hebrides 16. Orkneys and Shetlands	Wind easterly, fresh at times; some rain but fair periods; visibility moderate; moderate temperature.	
~~17. N.W. Ireland~~ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between S. and E., moderate to fresh; occasional rain and a risk of local thunderstorms, but considerable fair periods; visibility moderate; rather warm.	

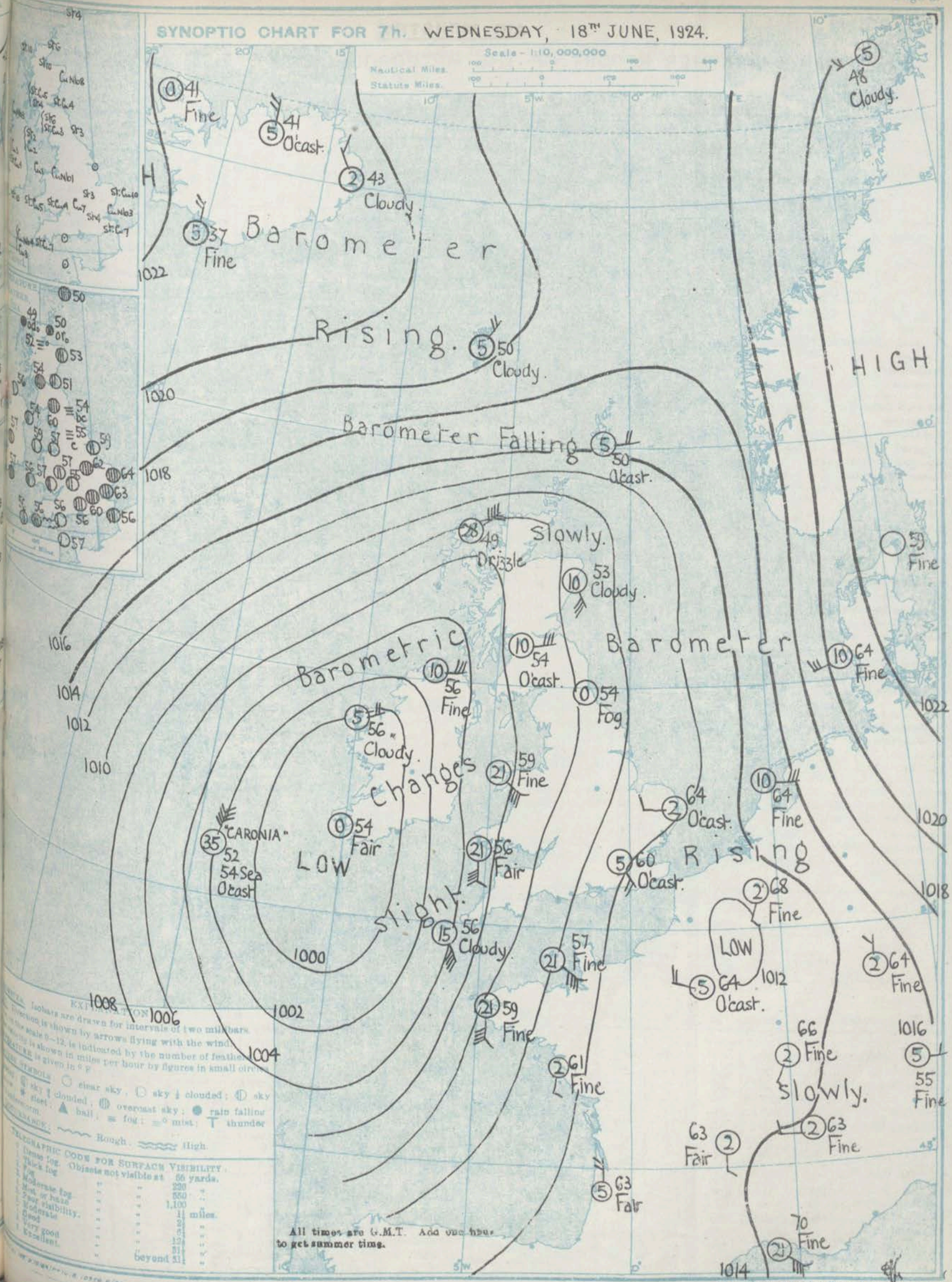
E/N

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

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 GMT.

† For Code see opposite page.

SYNOPTIC CHART FOR 7h. WEDNESDAY, 18TH JUNE, 1924.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday 18th June 1924. No. 170

Observations at 0100 G.M.T. 18th June

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1015.2	0	NE	1	o|p	49	92	8	4000	Nb	3	A St	10
Stornoway	51	1012.5	-3	NE	4	0+	•	•	5	•	•	•	•	•
Wick	81	1013.0	-3	ENE	1	ff o	48	97	1	<160	St	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1004.4	-4	E	2	o|Hr	52	94	4	4000	Nb	10	-	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1005.5	-2	ENE	4	o|m	61	97	7	•	St	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1008.1	-2	-	0	o+	52	92	6	1500	St	9	-	9
Blacksod Point	10	1002.1	-5	?	6	o PR+	53	85	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1004.9	+1	3	4	o|r	67	92	7	1500	St Cu	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1007.4	-1	SSW	4	c	56	94	7	5400	St Cu	5	A Cu	8
Birmingham (Edgbaston)	545	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1004.2	0	-	0	o	58	94	6	2500	St Cu	9	-	9
Gorleston	13	1009.7	0	S	4	o	58	85	7	-	-	0	A St	9
Valencia (Cahirciveen)	30	1009	-3	S	3	bc-	53	97	8	4	Cu Nb	5	-	8
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1004.0	0	SSE	3	b-	54	85	8	-	-	0	Ci	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	62	•	•	•	•	•	•	•
Croydon	244	1009.5	+2	SW	1	o ⦶	56	92	4	-	-	0	Ci St	9
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1009.8	+3	SWbW	2	c	60	85	4	-	-	0	A Cu	8
Scilly (St. Mary's)	131	1000.4	-3	SSE	6	c|pr.	54	92	8	4000	St Cu	8	-	8
Falmouth (Pendennis)	200	1003.0	-2	S	6	o	56	85	4	4000	St Cu	9	-	9
Plymouth (Cattewater)	82	-	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1004.4	+2	S	2	b.	55	83	6	-	-	0	-	0
Southampton (Calshot)	12	1009.3	+2	SSE	3	b.	55	85	4	4000	St Cu	2	Ci	3
Dungeness	21	1009.5	+2	SW	3	c+	56	92	7	4000	Nb	3	Ci St	7
Guernsey														

Observations at 0700 G.M.T. 18th June

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1014.8	-2	E	2	o-	50	92	6	800	St	4	A St	10
Stornoway	1006.4	-3	NE	6	od.	49	97	3	450	St	10	-	10
Wick	1008.4	-5	ESE	2	oc r.	50	97	6	1500	St	6	A St	10
Castlebay													
Nairn	1006.8	•	-	0	mm.o	52	92	6	1500	St	10	-	8
Aberdeen	1008.8	-1	SSE	3	c|Hr	53	92	6	1500	Cu Nb	8		3
Malin Head	1002.4	-1	ESE	3	b|r	56	92	6	5400	Cu Nb	3	-	9
Renfrew	1006.0	0	E	3	o-	54	97	4	1500	St Cu	9	-	4
Edinburgh (Inchkeith)	1004.1	+1	ENE	2	bc|r	51	97	5	•	St Cu	4	-	9
Leuchars	1004.2	+1	ENE	2	o|F	53	97	6	225	St Cu	9	-	4
Eskdalemuir	1006.6	+1	SE	4	o+	?	86	6	1500	St	9	Ci	5
Tynemouth	1009.1	0	-	0	ff bc	54	92	2	1500	St	3		8
Blacksod Point	998.4	0	ENE	2	c	56	92	8	•	•	•	•	4
Donaghadee	1005.4	0	SSE	3	bc-	54	92	8	800	St	4	-	7
Birr Castle	1000.0	•	SE	2	c-	57	85	5	800	St Cu	7	A Cu	2
Holyhead	1005.3	+1	SE'S	5	b	59	75	8	2500	Cu	1	Ci	2
Liverpool (Bidston)	1004.5	+2	SE	2	b+	57	85	6	2500	Cu Nb	3	Ci	4
Chester (Shotwick)	1004.9	+2	SE	4	bc+	57	80	8	1500	St			8
Harrogate	1009.1	+1	SSE	2	fc	55	92	3	<150	St	6	Ci St	5
Spurn Head	1010.6	+3	SSW	2	bc	59	75	7	-	-	0	Ci	5
Birmingham (Edgbaston)	1009.5	+2	S	3	bc+	55	85	8	-	-	0	A St	8
Cranwell	1010.4	+3	S	3	o	62	75	8	4000	St	3	A St	10
Gorleston	1011.9	+3	W	1	o	62	73	6	5400	St Cu	10	-	6
Valencia (Cahirciveen)	999.4	0	-	0	bc+	54	92	7	7200	St Cu	4	A Cu	10
Roches Point	999.8	-1	SSE	1	o	57	97	7	1500	St	10	-	8
Pembroke (St. Ann's H.)	1004.1	0	S	5	bc	56	85	8	4000	St Cu	5	Ci	5
Ross-on-Wye	1008.6	+2	S	3	bc	57	85	8	4000	St Cu	4	-	7
Leafield	1010.6	+2	S	3	c-	53	97	6	4000	Cu	7		8
Andover	1010.3	+2	SE'S	1	c	54	92	8	-	-	0	A St	4
S. Farnborough	1011.6	+3	SE	3	o-	56	92	7	4000	St Cu	1	A St	9
London (Kew Obsy.)	1012.0	+3	SSE	2	o-	60	95	6	2500	St	4	A St	10
Croydon	1012.0	+3	SW	2	o	56	85	7	5400	St Cu	4	Ci St	9
Clacton-on-Sea	1012.1	+4	SW	3	c	63	85	6	5400	Cu Nb	3	Ci	5
Shoeburyness	1012.5	+3	ESE	1	c	63	75	8	7200	St Cu	4	Ci St	9
Felixstowe	1012.3	+3	-	0	o	63	85	6	-	-	0	A Cu	9
Lympne	1011.9	+3	SSE	1	c ⦶	59	86	7	-	-	0	Ci St	7
Scilly (St. Mary's)	1003.0	+2	SE	4	c	56	92	7	4000	Cu Nb	7	-	7
Falmouth (Pendennis)	1004.4	+2	S	4	c-	56	92	7	4000	St Cu	8	-	8
Plymouth (Cattewater)	1004.4	+3	S	6	c|pr.	56	92	7	800	St	8	Ci	10
Portland Bill	1006.2	+2	S	5	b	56	85	6	-	-	0	A St	9
Southampton (Calshot)	1010.8	+2	S	5	o+	59	75	8	-	-	7	-	7
Dungeness	1012.6	+3	-	0	c	56	92	7	4000	St Cu	0	Ci St	8
Guernsey	1010.0	+2	SSE	3	b	57	85	8	-				

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 16th-17th °F	Temperature. Max. Day 17th °F	Rainfall.† Night 17h.-9h. 16th-17th mm.	Rainfall.† Day 9h.-17h. 17th mm.	Sunshine. Sunrise to 17h. 17th	Sunshine. Sunrise to Sunset. 16th hr.
Berwick-on-Tweed	bcowe	bcbcz	50	54	0·1	-	1·2	10·6
Douglas (IoM)	cbbcc	cbco	54	67	-	-	6·2	1·9
Llandudno	bcc	co	53	72	-	-	3·9	1·6
Colwyn Bay	bc	co	54	74	-	-	6·4	3·4
Rhyl	bc	cbcco	52	76	-	-	6·3	2·2
Southport	bccz	dczco	56	74	-	-	5·0	4·3
Blackpool	zc	coz	53	73	-	-	5·1	3·7
Ilkley	bcbcc	bc	52	72	-	-	2·4	3·8
Skegness	ocbc	bc	55	68	-	-	6·3	12·8
Aberystwyth	cbb	o	54	75	-	-	4·5	2·5
Bath	bcco	o	54	72	-	-	2·0	5·6
Leamington Spa	cb	cb	52	72	-	-	4·1	6·7
Lowestoft	bbbc	bccoc	54	63	-	-	8·2	11·7
Felixstowe	bc	bcz	57	65	-	-	8·1	11·3
Harwich & Dovercourt	bcb	bccbz	58	68	-	-	9·8	11·4
Southend	bczb	bcz	57	73	-	-	6·0	10·0
Ilfracombe	obccd	op	55	68	-	-	4·3	2·5
Bude	bcc	c	50	68	-	-	4·0	6·3
Paignton	obc	coro	56	61	-	1	1·0	8·1
Torquay	bccor	ror	55	61	-	3	0·6	3·8
Jersey	obc	ct	51	76	-	-	2·3	4·1
Weymouth	cbcc	co	57	68	-	-	1·5	9·5
Bournemouth	o	o	56	68	-	-	2·0	5·0
Portsmouth (S'thsea)	bco	bc	57	70	-	-	3·0	3·3
Littlehampton	bc	bc	46	70	-	-	6·9	5·7
Worthing	bbc	bbc	56	71	-	-	8·8	5·1
Brighton	bc	bc	59	75	-	-	9·5	5·1
Eastbourne	cbcc	cbcc	57	67	-	-	7·3	3·2
Hastings	cbcc	bcbbc	59	72	-	-	9·3	7·6
Folkestone	bc	bc	55	74	-	-	7·9	12·8
Dover	cbc	bcbbc	56	72	-	-	7·5	12·8
Tunbridge Wells	bbc	bcb	52	76	-	-	8·8	12·0
Ramsgate	bm	bm	56	65	-	-	9·8	12·0
Margate	bcc	cbbc	56	70	-	-	8·5	
Deal	bc	bc	54	69	-	-		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22855 THURSDAY 19TH JUNE 1924.

STATIONS. (For heights see p.4).	Observations at 1300 G.M.T. 18th: 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.	Observations at 1800 G.M.T. 18th: 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	¶
Lerwick	1013·3	−1	S'E	2	ojp	54	85	6	2500	St	2	ASt	10	*	1012·1	−2	S'E	2	0	53	85	6	800	St	4	CiSt	10	1
Stornoway	1005·5	−1	NE	2	b-	63	75	8	-	-	0	-	0	*	1005·4	0	-	0	bc+	64	75	8	4000	Cu	6	-	6	0
Wick	1007·9	−1	SSE	2	o/Hr	52	92	6	1500	St	6	CiSt	10	*	1007·6	0	S	2	0	53	97	6	1500	?	6	ASt	10	1
Castlebay														*														
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	*	1006·3	•	-	0	bc-	61	75	7	1500	St	6	-	6	•
Aberdeen	1008·7	0	SSE	4	c⊕	58	85	6	-	-	0	CiSt	8	1	1009·6	+1	S	2	bc-	57	75	6	—	-	0	CiSt	5	0
Malin Head	1002·0	−2	SE	6	c	61	75	8	4000	Cu	7	-	7	*	1001·3	0	SE	6	c	60	75	8	4000	Cu	7	-	7	3
Renfrew	1006·9	0	SE	3	c	65	65	7	4000	StCu	7	Ci	8	1	1007·5	+1	SSW	4	ojp	60	85	7	2500	CuNb	9	-	9	•
Edinburgh (Inchkeith)	1007·7	−1	NE	2	c/f	56	85	7	•	Cu	4	CiSt	7	*	1007·8	0	SSW	2	c	67	65	8	•	Cu	4	CiSt	7	
Leuchars	1007·6	0	ENE	2	c	60	85	6	4000	Cu	1	CiSt	7	0	1007·4	0	S	3	b-	60	55	7	—	-	0	ACu	2	•
Eskdalemuir	1008·3	0	S'E	4	c	65	65	6	4000	Cu	5	Cu	8	0	1008·4	+1	SW	4	o	60	75	6	4000	StCu	8	-	8	•
Tynemouth	1009·2	0	S	3	bc/f	67	55	6	800	Cu	3	ACu	5	*	1009·2	0	SE	2	bc	56	85	6	800	St	3	Ci	4	1
Blacksod Point	998·2	−0	-	0	or.	61	85	8	•	•	•	•	9	*	998·6	+1	-	0	bc	61	85	8	•	•	•	•	6	4
Donaghadee	1006·5	0	SSE	4	c+	56	75	8	1500	St	8	-	8	*	1006·6	0	S	4	bc-	54	75	8	450	Cu	4	-	4	5
Birr Castle	999·1	•	SE	4	o+	59	85	7	1500	Nb	9	-	9	*	1001·2	•	SE	3	c-	61	75	6	2500	Nb	8	-	8	•
Holyhead	1006·6	+2	SSE	5	opr.	59	75	7	2500	Nb	9	-	9	1	1007·6	+2	S'E	4	c	59	75	7	5700	StCu	7	-	7	4
Liverpool (Bidston)	1007·6	−0	SE	3	bc	67	55	8	2500	StCu	5	-	5	*	1008·4	+2	S'E	3	c+	65	55	8	2500	CuNb	7	-	7	4
Chester (Shotwick)	1007·6	−1	S	5	c	67	65	8	2500	Cu	7	Ci	8	1	1008·6	+2	SSE	4	c	64	65	8	2500	StCu	7	-	7	•
Harrogate	?	+1	S	3	bc	65	65	6	4000	StCu	5	CiSt	6	*	1009·5	0	S	3	bc	66	65	6	4000	Cu	5	-	5	•
Spurn Head	1011·7	+1	SE	4	c	63	75	7	5700	StCu	6	Ci	8	*	1011·6	0	ESE	4	bc	57	92	7	4000	Cu	6	-	6	•
Birmingham (Edgbaston)	1009·5	0	SSW	5	c	65	55	8	5700	CuNb	6	Ci	7	2	1010·2	+1	SSW	4	bc	65	55	8	4000	Cu	4	ACu	5	•
Cranwell	1011·3	0	S'E	4	o	68	65	8	4000	StCu	5	CiSt	10	0	1011·2	0	S'W	4	bc-	69	55	8	4000	Cu	2	Ci	4	•
Gorleston	1013·6	−0	S	2	ojp	66	65	6	4000	Nb	3	ACu	8	*	1013·8	0	SSE	3	c-	64	65	6	—	-	0	Ci	7	0
Valencia (Cahirciveen)	999·8	+2	W	3	c-	56	92	7	800	StCu	7	-	7	1	1000·9	+2	S'E	4	o+	56	85	7	1500	St	8	ASt	10	3
Roches Point	1001·9	+3	S	4	o	60	85	6	1500	St	10	-	10	*	1003·3	+1	S	3	c-	57	92	8	2500	StCu	7	-	7	3
Pembroke (St. Ann's H.)	1006·4	+3	S	5	bc	58	85	8	4000	StCu	6	-	6	*	1007·4	+2	S	5	b	56	85	8	4000	StCu	3	-	3	6
Ross-on-Wye	1009·5	+1	S'W	4	bc	65	65	8	4000	Cu	5	-	5	1	1010·1	+1	SSW	4	b-	64	55	8	4000	Cu	3	-	3	•
Leafield	1010·3	+1	S	5	bc-	66	65	8	4000	Cu	4	CiSt	5	*	1011·1	+1	S	4	bc	62	75	8	4000	Cu	4	Ci	5	•
Andover	1011·4	+2	SSW	4	c	66	65	8	4000	StCu	6	Ci	7	0	1011·6	+1	SSW	3	b-	64	65	8	4000	Cu	2	-	2	*
S. Farnborough	1011·7	0	SSW	4	bc	69	55	8	2500	Cu	2	Ci	5	0	1011·6	0	SSW	3	bc	68	55	8	2500	Cu	2	Ci	5	•
London (Kew Obsy.)	1012·1	+0	S	4	bc	70	55	8	2500	Cu	1	Ci	4	0	1012·1	0	S'W	2	bc-	72	45	8	4000	Ci	1	Ci	4	•
Croydon	1012·2	+0	SW'S	4	c-	68	55	8	4000	Cu	1	Ci	7	0	1012·2	0	SW'W	2	c	67	55	8	—	-	0	Ci	7	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	*	1012·7	0	SE	5	bc	63	75	7	-	-	0	Ci	6	0
Shoeburyness	1013·2	0	SW	1	bc-	69	65	8	-	-	0	Ci	4	*	1012·7	−1	SSW	1	o+	66	65	8	4000	St	8	-	8	•
Felixstowe	1013·4	+1	SSE	3	o	66	75	8	-	-	0	ACu	9	0	1012·9	−1	SE'S	2	b	65	65	8	—	-	0	ACu	3	0
Lympne	1013·5	0	SE	3	c-	63	65	8	4000	Cu	1	Ci	7	0	1013·0	−1	-	0	o/r	61	65	8	5700	StCu	7	ASt	9	•
Scilly (St. Mary's)	1005·4	+2	S'E	4	o	59	85	7	4000	StCu	9	-	9	*	1007·2	+1	S	5	bc	57	92	7	4000	Cu	6	-	6	5
Falmouth (Pendennis)	1007·6	−1	S	5	c	58	85	7	4000	StCu	7	-	7	*	1008·3	+1	S	5	bc	58	85	7	4000	StCu	4	-	4	1
Plymouth (Cattewater)	1009·4	+2	SSW	6	b	59	85	8	2500	Cu	1	-	1	0	1010·3	+2	SSW	5	b	57	85	8	4000	Cu	1	Ci	3	5
Portland Bill	1010·4	+2	S	4	bc+	60	75	6	4000	Cu	4	-	4	*	1010·7	0	-	0	c+	58	85	6	4000	StCu	8	-	8	4
Southampton (Calshot)	1012·3	+1	S	4	b-	66	65	8	4000	Cu	2	Ci	3	0	1012·1	0	ESE	4	bc-	62	85	8	4000	Cu	4	Ci	6	0
Dungeness	1013·7	+1	S	1	bc	62	75	7	-	-	0	CiCu	6	*	1013·6	0	ESE	1	c	63	55	8	4000	StCu	3	Ci	8	1
Guernsey	1011·6	0	S	3	b	63	75	8	-	-	0	Ci	1	*	1011·5	0	W	1	b	63	65	8	5700	Cu	1	Ci	3	1

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 0900 G.M.T. 19th)	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 0700)	18	obcy	bcy	ywofbc	*	*	46	-	6	8·0	*	*	8
Croydon (24 hours ended 0700)	244	oc⊕	bcyc	cyorcobw	*	*	46	-	2	8·0	*	*	8
Greenwich (Royal Obsy.)	149	oc	c	corbcc	74	52	41	-	2	8·3	50	70	7
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	9.4	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	71	54	50	2		9.0	51	64	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	8·8	*	*	*
Camden Square	110	bcoc	bcc	*	73	55	51	-	2	*	*	69	*
Kensington Palace	80	bcb	bbc	*	72	*	49	-	3	*	(At 18h 50)	72	*
Hampstead Observatory	450	*	*	*	70	53	45	-	3		*	79	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 18th

South Kensington

Max.	Time.	Min.	Time.
0·3	1400 17th	<0·3	18th 0100-0400
0·3	0800 18th		

Kew Observatory

Max.	Time.	Min.	Time.
less	than	0·3 all	day

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18 21 h. 45 m. to 19 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4 30	NIL	0
δ Ursæ Minoris	4 30	NIL	0

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per ½ sec.	Stren.	Direc.
13h.	cg	7	3	55°
19h.	-	-	-	-
00h.	-	-	-	-
07h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

19th & 20th JUNE, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.31 / 3.31	11.54 / 11.54	8.17 / 8.17
Greenwich	3.44 / 3.44	12.1 / 12.1	8.18 / 8.18
Wick	3.7 / 3.7	12.13 / 12.13	9.19 / 9.19
Valencia	4.21 / 4.21	12.42 / 12.42	9.2 / 9.2

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. " less than 200 m.
m mist, " 1000—10000 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.
" 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. - = "decreasing." + = "increasing."

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

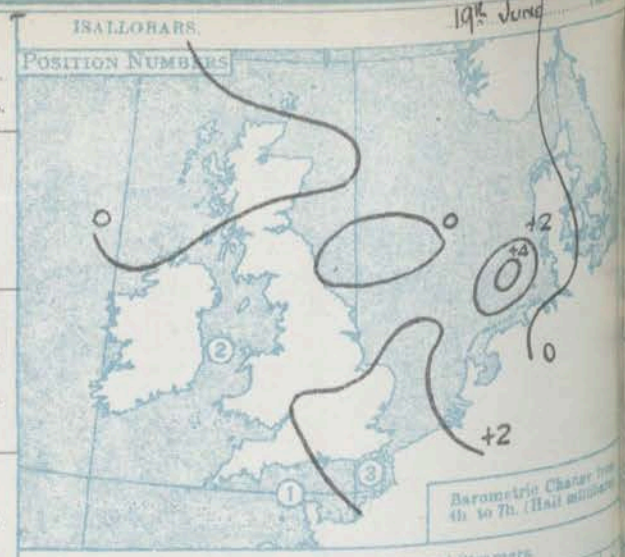
SEA DISTURBANCE.

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

† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	WEATHER. 13h.-18h. 19th	WEATHER. 18h. 18th to 1h. 19th	WEATHER. 1h.-7h. 19th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN 18 Hours.
Lerwick	omprc	om	co	cpbc	57	50	.	0·1	Trace	1230	0130	0·2
Stornoway	b-bc	c	c	bbc	67	47	.	-	0·6	-	-	8·8
Wick	orlo	oo	oo	f.m	56	48	.	0·4	-	<0800	-	.
Castlebay							.					
Nairn	obcm	bcmc	cmbc	dcb	63	50		-	-	-	-	6·7
Aberdeen	it is.oom	cmbc	bcom	omcm	60	46	39	Trace	-	<0800	-	4·3
Malin Head	bcrco	irco	bc	bccR	64	52	.	0·4	2	<0800	<2100	8·7
Renfrew	omc	coP	op	ocm	66	44	34	1	Trace	1630	<2100	2·0
Edinburgh (Inchkeith)	mmc	c	c	c	67	51	40	-	-	-	-	10·6
Leuchars	b-bc	czby	bycm	cmw	69	44	37	-	-	-	-	8·7
Eskdalemuir	occ	cybco	ocbc	cow	66	46	42	-	-	-	-	7·6
Tynemouth	bcif	b	bcb	bff or	68	50	44	-	0·5	-	06·30	.
Blacksod Point	pcpg	bcpc	c	oo	63	52	.	2	0·1	-	-	.
Donaghadee	oo	opcb	bcc	o	59	51	.	0·2	-	1230	-	.
Birr Castle	cpr.q	copR		copr	62	51	43	3	0·2	1100	05·30	3·6
Holyhead	prq	bcp.	cprb	bc	62	54	51	1	1	0900	<2100	7·1
Liverpool (Bidston)	b bcc	cbc	bbc		70	52	48	-	-	-	-	10·6
Chester (Shotwick)	ccq	ccq		cbcb	69	47	39	-	-	-	-	10·1
Harrogate	c	b		bbcbm	67	49	42	-	0·2	-	-	8·0
Spurn Head	b-bc	c	c	cop	63	54		-	0·2	-	06·30	9·7
Birmingham (Edgbaston)	c	bc	bcb	bb	68	52	46	-	-	-	-	7·3
Cranwell	oco	ocbc	c	obcc	71	51	43	-	0·4	-	01·30	10·6
Gorleston	cjp	opr.c	co	orflc	67	55	43	Trace	7	1330	01·30	2·0
Valencia (Cahirciveen)	bcp.c	cc	oor	op	62	50	49	0·1	4	1230	<2100	1·9
Roches Point	opco	oc	or	ro	61	52	.	1	1	<0800	2200	.
Pembroke (St. Ann's H.)	cop	bcy	bcq	cq	58	53		-	-	-	-	10·8
Ross-on-Wye	bc	bcy	bbc b	bcob	67	51	43	-	-	-	-	13·3
Leafield	bc	bc	bc	bc	66	51	45	-	-	-	-	8·4
Andover	c	cbcb	bccobr	o	67	50	47	-	0·4	-	2400	9·6
S. Farnborough	ocbcy	bcy	bcyoR	bc	71	50	46	-	5	-	2200	9·7
London (Kew Obsy.)	obcy	bcy	bcyworaR	oc	73	54	46	-	6	-	<2100	8·0
Croydon	oc⊕	bcyc	cyorr	obw	70	51	46	-	2	-	2200	8·8
Clacton-on-Sea	cz	cbcz	bcz	bcbcz	64	54	55	-	0·4	-	2200	6·2
Shoeburyness	cbc	bcbbcco	ocbc	bcbw	71	54	*	-	0·1	-	-	7·1
Felixstowe	oc	cb	bobr	obrbc	69	56	48	-	0·4	-	2400	6·8
Lympne	ocpr	cpr.	orrtlr	orrtlr	65	50	46	Trace	2	1230	2200	7·0
Scilly (St. Mary's)	cop.	cbc	cp.bc	bcc	60	53	.	0·2	0·1	0900	<2100	11·0
Falmouth (Pendennis)	cok	bc	co	cobc	58	54	.	1	-	?	-	9·4
Plymouth (Cattewater)	bq	bq	bbcq	co	60	55	52	-	-	-	-	11·6
Portland Bill	b-bc	b	bbc	c	61	54	.	-	-	-	-	
Southampton (Calshot)	cbc	bycbc	bccotbc	c	68	54	48	-	Trace	-	2200	9·3
Dungeness	cprc	c	cotlr	orcbc	65	54	.	Trace	3	1100	<2100	.
Guernsey	b	b	b	bwbcb	67	51	.	-	-	-	-	



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	19th 0900	CAMBRIA	SSE	5	c	55	53
3	19th 0100	BRIGHTON	NE	3	bcll	54	54

GENERAL INFERENCE.

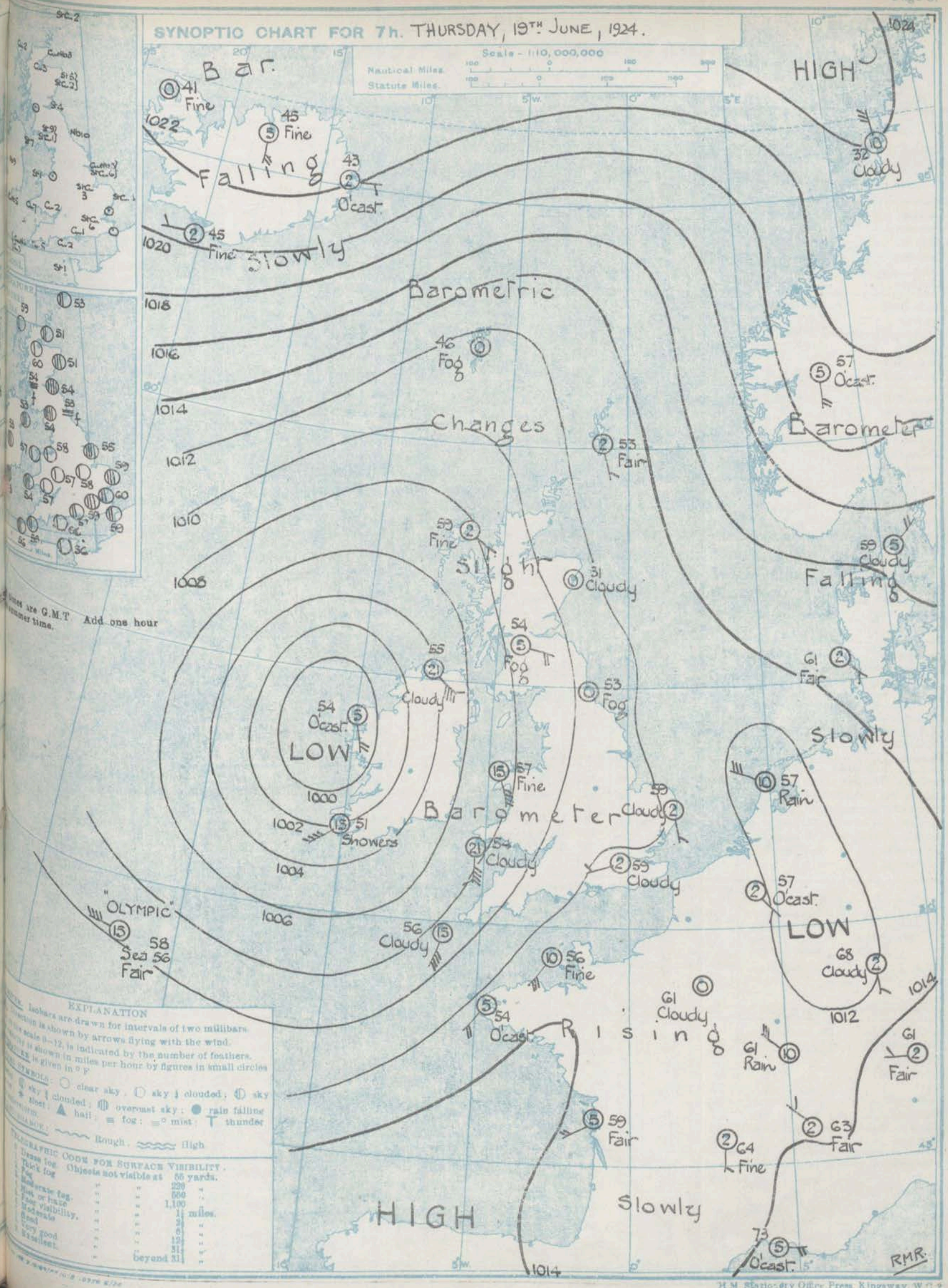
The depression off the west coast of Ireland will probably continue to drift very slowly towards the north or northwest. Winds will be mainly from S. and SW., light or moderate and the weather rather unsettled, with local thunderstorms but considerable fair periods in all districts. Temperature will be moderate in the southern and western coastal districts and rather high elsewhere.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 19th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind mainly S. to SW., light or moderate; mainly fair, but occasional showers, thunder locally; visibility moderate or good; rather warm.	With-held.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind mainly S. to SW., light or moderate; mainly fair but occasional showers, thunder locally; visibility moderate or good; moderate temperature to rather warm.	
9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	Wind southerly, light to moderate; mainly fair, but occasional showers, thunder locally; visibility moderate or good apart from morning mist; warm.	
16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly S. to SW., light or moderate; mainly fair, but occasional showers, thunder locally; visibility moderate to good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0940. G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

SYNOPTIC CHART FOR 7h. THURSDAY, 19TH JUNE, 1924.



Times are G.M.T. Add one hour summer time.

EXPLANATION

Isobars are drawn for intervals of two millibars. Pressure is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Velocity is shown in miles per hour by figures in small circles. DIRECTION is given in ° P.

CLOUD SYMBOLS: ○ clear sky, ◐ sky ½ clouded, ◐ sky ¾ clouded, ◍ overcast sky; ● rain falling, ✱ sleet, ▲ hail, ≡ fog, ≡° mist, ⊤ thunder.

SEA SURFACE: Rough, High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0	Dense fog. Objects not visible at	55 yards.
1	Thick fog " "	220 "
2	Fog " "	550 "
3	Moderate fog " "	1,100 "
4	Mist or haze " "	1 miles.
5	Poor visibility " "	2 "
6	Moderate " "	6 "
7	Good " "	12 "
8	Very good " "	31 "
9	Excellent " "	beyond 31 "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY 19TH JUNE 1924. No. 141.

Observations at 0100 G.M.T. 19th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013.5	0	S	1	ojp	51	97	6	4000	Nb	5	A St	9
Stornoway	51	1007.5	0	-	0	b-	*	*	6	*	*	*	*	*
Wick	81	1009.9	+2	SSW	3	0	50	85	8	1500	St	6	Ci St	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1003.9	+3	SE	5	b	53	92	8	-	-	0	A Cu	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	100	1009.4	+2	SW	1	bc	51	75	8	*	St	2	Ci St	4
Leuchars	34	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1010.4	0	-	0	b-	53	85	6	800	St	2	-	2
Blacksod Point	10	999.5	0	SSE	2	c	56	86	7	*	*	*	*	8
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1004.4	-1	SE'S	3	b-	55	85	8	4000	Cu	2	Ci	3
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1011.6	0	S	2	c	56	94	7	5400	St Cu	8	-	8
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1011.0	0	ESE	1	0+	55	92	7	4000	St Cu	6	A St	9
Gorleston	15	1012.4	-1	SW	2	0	56	85	7	-	-	0	A St	10
Valencia (Cahirciveen)	30	1002.6	+1	W	3	or	51	94	8	+	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1004.2	0	SSW	4	bc	54	85	8	4000	St Cu	6	-	6
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	239	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	56	*	*	*	*	*	*	*
Croydon	244	1012.2	-2	S'W	3	o/r	54	92	7	2500	Nb	6	A St	10
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1012.0	+1	-	0	o/r	55	92	7	2500	Cu Nb	10	-	10
Scilly (St. Mary's)	131	1004.5	+1	SW'S	4	b-	54	92	7	4000	Cu	3	-	3
Falmouth (Pendennis)	209	1008.6	0	SSW	5	c	55	92	7	4000	St Cu	7	-	7
Plymouth (Cattewater)	82	-	*	SSW	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1011.2	0	SW	2	c+	55	85	6	4000	Cu	7	-	7
Southampton (Calshot)	12	1011.7	-1	ESE	3	0	54	85	7	4000	St Cu	8	A St	10
Dungeness	21	1012.1	0	-	0	or+	54	92	8	2500	Nb	10	-	10
Guernsey	-													

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1013.4	0	SSE	1	bc-	53	92	6	5400	St Cu	2	A St	6
Stornoway	1007.4	+1	SE	1	b	59	75	9	4000	Cu	2	-	2
Wick	1010.1	0	SSE	2	bc+	51	97	8	1500	Cu Nb	3	Ci St	8
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	1009.4	*	E	1	b-	60	70	8	4000	Cu	3	-	7
Aberdeen	1010.4	0	-	0	c	51	94	6	1500	St	7	-	7
Malin Head	1003.1	0	SE	5	cjp	55	85	7	4000	Cu	7	-	10
Renfrew	1008.1	-2	ESE	2	fo+	54	92	3	-	-	0	Ci St	0
Edinburgh (Inchkeith)	1009.1	0	ENE	1	o+	54	92	7	*	St	4	A Cu	9
Leuchars	1009.2	0	E	1	c	52	92	6	-	-	0	A Cu	10
Eskdalemuir	1009.3	0	SE	3	o	54	75	6	1500	St	10	-	10
Tynemouth	1010.2	0	-	0	ffo	53	92	2	1500	Nb	10	-	10
Blacksod Point	998.5	-1	SSE	2	o	54	92	8	*	*	*	*	8
Donaghadee	1007.2	0	SSE	3	c-	53	85	8	450	St	7	-	9
Birr Castle	1001.2	*	SE	1	o+	53	92	6	1500	Nb	9	Ci	9
Holyhead	1004.5	0	SSE	4	b	54	85	7	1500	St	0	Ci St	3
Liverpool (Bidston)	1004.3	0	SE	3	b	58	75	7	-	-	0	Ci	3
Chester (Shotwick)	1004.1	0	3	3	bc	54	85	7	-	-			
Harrogate	1010.5	0	-	0	mb	56	75	4	-	-	0	A Cu	2
Spurn Head	1011.6	-1	SE	2	o	55	92	7	4000	St Cu	9	-	9
Birmingham (Edgbaston)	1010.8	+1	SSW	3	b	54	75	8	2500	Cu	1	Ci	2
Cranwell	1011.6	0	SW	1	bc	60	85	8	4000	St Cu	3	A Cu	7
Gorleston	1012.2	0	S	1	c+	59	85	6	5400	St Cu	4	A Cu	7
Valencia (Cahirciveen)	1003.1	+3	SW	4	obr	51	92	6	800	St	8	A St	10
Roches Point	1004.9	+3	W'S	4	o	53	92	8	4000	Cu Nb	8	Ci	9
Pembroke (St. Ann's H.)	1004.6	+2	S	5	c	54	85	8	2500	Cu	7	-	7
Ross-on-Wye	1010.6	0	SW'S	4	b	54	75	8	4000	Cu	2	-	4
Leafield	1011.2	+1	S	3	bc	56	92	7	4000	Cu	4	-	4
Andover	1012.1	+1	S	1	o	54	97	7	450	St	9	-	9
S. Farnborough	1011.9	+2	S	3	bc	54	85	7	1500	Cu	1	Ci	4
London (Kew Obsy.)	1012.3	+2	WSW	1	c-	59	85	6	2500	St Cu	6	Ci	7
Croydon	1011.9	+1	WSW	3	bc-	59	85	7	4000	Cu	2	Ci	6
Clacton-on-Sea	1011.9	+2	S	3	bc	60	85	7	-	-	0	Ci St	0
Shoeburyness	1012.3	+1	SW	1	b-	61	75	7	-	-	0	Ci St	1
Felixstowe	1011.8	+2	SE	2	b-	60	85	8	4000	St Cu	1	Ci	2
Lympne	1012.3	+1	S	2	b	58	92	7	-	-	0	Ci St	1
Scilly (St. Mary's)	1008.4	+1	SSW	4	c-	56	45	8	4000	Cu Nb	7	-	7
Falmouth (Pendennis)	1009.7	+1	SW	4	bc-	55	85	8	5400	Cu	5	-	5
Plymouth (Cattewater)	1010.6	+2	SW	4	o-	56	92	7	800	St Cu	9	-	9
Portland Bill	1011.2	0	SSW	3	b-	56	85	7	4000	Cu	2	-	7
Southampton (Calshot)	1012.3	+1	S'W	3	c	58	85	8	1500	St	1	Ci	4
Dungeness	1012.1	+1	SSE	1	bc-	59	85	7	-	-	0	Ci Cu	1
Guernsey	1012.9	+2	SW	3	b	56	92	8	-	-	0	A Cu	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18TH JUNE 1924

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 17h.-18h.	Temperature. Max. Day. 18h.	Rainfall.† Night 17h.-9h. 17h.-18h.	Rainfall.† Day 9h.-17h. 18h.	Sunshine. Sunrise to 17h. 18h.	Sunshine. Sunrise to Sunset. 18h.
			°F	°F	mm.	mm.		hr.
Berwick-on-Tweed	bctrb	bbcbz	50	69	1	-	8.1	1.4
Douglas (IoM)	bccb	cirbc	52	60	7	-	7.5	6.2
Llandudno	c	c	51	66	-	-	3.8	3.9
Colwyn Bay	c	c	51	68	4	-	7.8	6.4
Rhyl	bc	cbc	52	67	5	-	10.2	6.3
Southport	bbcc	cbcc	54	70	8	-	10.6	5.0
Blackpool	bc	cc	55	70	7	-	8.6	5.1
Ilkley	bcbbc	b	53	70	7	-	6.4	2.4
Skegness	ococb	b	55	71	-	-	9.0	7.0
Aberystwyth	rcc	b	53	65	2	-	3.5	5.0
Bath	bcb	bbc	49	68	2	-	10.3	2.0
Leamington Spa								
Lowestoft	o	ooc	57	65	-	-	0.6	8.2
Felixstowe	c	b	60	68	-	-	5.2	9.5
Harwich & Dovercourt	bcc	bcb	60	69	-	-	7.2	10.6
Southend	cbcc	bc	59	73	-	-	6.0	7.7
Ilfracombe	bbc	bc	54	65	0.1	-	10.1	4.2
Bude	cpbcc	cbcbc	54	63	3	0.2	8.3	2.0
Paignton	bcqbc	cbc	51	65	-	-	5.1	1.1
Torquay	b	b	54	65	0.1	-	9.1	3.3
Jersey	b	b	57	69	0.3	-	11.2	1.5
Weymouth	b	bbc	54	67	1	-	11.7	2.0
Bournemouth	b	b	53	66	1	-	10.5	3.0
Portsmouth (S'thsea)	ocbb	b	54	67	3	-	7.2	7.0
Littlehampton	bc	bc	57	65	0.1	-	7.1	5.3
Worthing	bc	b	55	66	3	-	7.9	3.3
Brighton	bc	bc	53	66	6	-	8.3	7.3
Eastbourne	cbc	bcbbc	53	64	-	-	6.9	8.1
Hastings	ocbcb	bbcco	55	65	-	-	5.7	11.4
Folkestone	bc	bc	55	70	-	-	6.7	9.5
Dover	op.oc	cbcco	56	67	-	Trace	4.7	7.6
Tunbridge Wells	oc	b	52	70	-	-	6.3	9.3
Ramsgate	cbcm	bcm	58	65	-	-	5.1	11.2
Margate	c	bcb	61	70	-	-	4.9	9.7
Deal	tcoc	bbc	57	70	-	-	5.3	

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22856 FRIDAY 20th JUNE 1924. Page 1.

STATIONS. (For heights see p. 4).	Observations at 1300 G.M.T. 19th: 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.	Observations at 1800 G.M.T. 19th: 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	1013.2	0	SE	2	b-	56	85	6	5700	St.Cu	3	A St	6	•	1012.5	0	SE	2	0	52	92	6	800	St	10	•	10	1
Stornoway	1006.5	-1	E	2	o+	58	75	7	800	St.	10	-	10	•	1006.1	-1	•	0	c+1	60	85	7	4000	CuNb	8	•	8	0
Wick	1009.6	+1	SSE	1	0	51	97	7	1500	St	6	A St	10	•	1009.7	+1	SSE	2	bc/r	50	97	8	1500	CuNb	3	A St	5	0
Castlebay														•	1005.1	0	E	4	c	55	85	7	2500	StCu	7	-	7	4
Nairn														•	1007.4	•	S	2	bc+	66	55	8	4000	Cu	6	•	6	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.8	+2	SSE	3	bc+	54	92	6	450	St	0	•	0	0
	1010.3	0	SE	1	c/r	55	92	4	5700	St.Cu	8	-	8	1														
Malin Head	1003.0	0	SE	4	or	55	92	7	4000	Nb	8	A Cu	9	•	1003.9	+1	SSE	5	bc/r	57	75	8	4000	Cu	6	•	6	3
Renfrew	1008.4	0	SSE	4	c-	61	75	8	5700	St.Cu	8	-	8	1	1008.6	0	SSW	3	bc-	59	75	9	4000	StCu	5	Ci St	6	•
Edinburgh (Inchkeith)	1008.5	-1	ESE	1	c	60	75	8	•	Cu	5	Ci St	8	•	1008.7	+1	SW	3	bc	63	65	8	•	-	0	A Cu	6	1
Leuchars	1008.7	-1	ESE	2	b-	59	75	7	4000	CuNb	1	A St	2	0	1008.8	0	SE	3	bc	61	55	6	4000	Cu	2	A Cu	5	•
Eskdalemuir	1009.3	0	SSW	4	c	59	65	7	4000	Cu	5	A.Cu	8	0	1009.4	+2	SW'S	4	c	58	65	8	4000	Cu	2	A Cu	7	•
Tynemouth	1009.8	-1	SE	3	bc-	58	85	6	1500	Nb	6	-	6	•	1009.9	+1	W	1	bc	65	55	6	1500	Nb	6	-	6	0
Blacksod Point	999.9	+2	W	2	0	53	85	9	•	•	•	•	10	•	1003.9	+5	W	3	OPR	51	92	7	•	•	•	•	10	5
Donaghadee	1007.2	0	SSE	4	bc-	55	85	8	225	St	6	-	6	•	1008.2	+1	S	3	b-	55	75	8	•	•	0	Ci St	3	4
Birr Castle	1004.3	*	SW	3	c-	59	75	7	4000	Cu	8	-	8	•	1007.2	•	SW	1	o+	54	92	6	1500	Cu	9	-	9	•
Holyhead	1008.7	+2	S'W	5	c	59	85	8	2500	Cu	4	Ci St	7	0	1010.5	+1	SSW	4	bc	55	85	8	4000	Cu	1	Ci Cu	5	2
Liverpool (Bidston)	1009.6	+1	SSW	2	bc-	65	55	8	2500	St.Cu	5	-	5	•	1010.7	+1	SW'S	3	c+	64	55	8	2500	CuNb	7	-	7	4
Chester (Shotwick)	1009.3	0	SSW	4	c	65	55	7	2500	Cu	8	-	8	0	1010.4	+1	SSW	4	bc-	65	55	8	4000	Cu	3	A Cu	5	•
Harrogate	1009.8	0	SW	3	bc	67	55	7	2500	Cu	6	-	6	•	1011.2	0	SSW	1	c+	60	65	8	4000	StCu	6	A Cu	8	•
Spurn Head	1012.1	-1	E	2	OR	57	97	6	2500	Nb	10	-	10	*	1012.1	0	ESE	4	bc	58	85	7	4000	Cu	3	Ci	5	•
Birmingham (Edgbaston)	1011.4	0	SSW	4	bc	65	55	8	4000	Cu	5	-	5	1	1012.2	+2	SW	4	bc	64	55	8	4000	Cu	4	Ci	5	•
Cromwell	1011.4	0	SSW	3	bc	69	65	8	4000	Cu	6	-	6	1	1012.0	+1	SSW	3	b-	67	65	8	2500	Cu	1	A St	3	•
Gorleston	1013.1	+1	SSE	4	bc-	62	85	6	5700	Cu	4	-	4	•	1013.5	0	SSE	4	b-	64	75	6	5700	Cu	2	-	2	1
Valencia (Cahirciveen)	1006.7	+3	SW	4	c-	55	75	8	4000	St.Cu	5	Ci.Cu	7	1	1008.8	+3	SW	3	cv	56	75	9	2500	StCu	6	A Cu	7	4
Roches Point	1008.1	+3	WSW	3	c	57	75	8	4000	Cu	5	A Cu	8	•	1010.0	+2	SSW	4	c	56	85	8	2500	StCu	8	•	8	3
Pembroke (St. Ann's H.)	1009.7	+4	SSW	5	o/p	56	85	8	1500	Cu	9	-	9	•														
Ross-on-Wye	1011.0	+1	SSW	3	c+	63	65	8	4000	Cu	8	-	8	0	1012.5	+2	W'S	2	c	61	75	8	4000	CuNb	4	A St	7	•
Leafield	1011.5	0	SW	3	c+	64	65	8	4000	Cu	6	Ci St	7	0	1013.0	+2	SSW	3	cv	61	65	9	4000	Cu	2	Ci St	7	•
Andover	1012.8	+1	SSW	4	bc-	64	65	8	4000	Cu	6	-	6	0	1014.8	+1	SW'S	3	c	61	65	8	4000	Cu	2	Ci	8	•
S. Farnborough	1012.7	+2	SW'S	4	bc	67	55	9	4000	Cu	4	-	4	0	1013.7	+1	SW	4	bv	63	55	9	4000	Cu	1	Ci	3	•
London (Kew Obsy.)	1012.7	0	SW	3	bc-	68	55	8	4000	Cu	6	-	6	0	1013.8	+1	SW	3	b-	69	45	8	4000	StCu	1	Ci	2	•
Croydon	1012.7	+1	SW	4	bc-	69	55	8	4000	Cu	5	-	5	0	1013.6	+1	SW'W	3	bv	64	55	9	4000	Cu	1	A St	2	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	+1	SSW	3	bc	67	75	7	2500	Cu	2	Ci	5	0
Shoeburyness	1013.0	+1	S'W	2	b	70	65	8	5700	Cu	3	-	3	•	1013.9	+1	WSW	1	b	67	55	8	-	-	0	Ci	1	•
Felixstowe	1013.1	+1	SSE	3	b	68	75	8	5700	Cu	1	Ci St	2	0	1013.4	+1	S	3	b	67	65	8	5700	Cu	1	Ci St	1	1
Lympne	1016.5	+1	S'E	3	b	65	75	8	4000	Cu	2	A St	3	0	1014.3	+1	SSW	1	bc-	62	75	9	4000	Cu	1	Ci	6	•
Scilly (St. Mary's)	1011.1	+2	SW	3	bc	60	85	8	4000	CuNb	2	Ci St	4	•	1012.5	+1	SW	2	o+	56	85	8	4000	StCu	9	-	9	?
Falmouth (Pendennis)	1011.7	+2	WSW	4	bc	59	75	8	5700	Cu	4	-	4	•	1013.4	+2	WSW	2	bc	58	75	8	5700	StCu	4	-	4	0
Plymouth (Cattewater)	1012.0	+1	S	4	bc	60	85	8	4000	Cu	1	Ci	5	0	1013.2	+2	S	3	o+	58	85	8	2500	StCu	7	AC	9	1
Portland Bill	1012.2	+1	SSW	4	b-	58	75	7	4000	Cu	1	-	1	•	1013.1	0	SSW	2	b+	56	85	7	-	-	0	Ci	3	4
Southampton (Calshot)	1013.8	+1	SSW	4	b	61	75	8	2500	Cu	2	Ci	3	0	1014.1	0	SSW	3	bc+	59	75	8	-	-	0	Ci	4	0
Dungeness	1014.3	+1	SW	3	b	61	85	7	4000	Cu	1	Ci	3	•	1014.4	0	SW	2	bc	61	75	8	4000	Cu	1	Ci Cu	4	2
Guernsey	1014.0	0	SE'E	2	bc+	59	85	8	2500	Cu	2	A.Cu	5	•	1014.2	-1	•	0	c/r	58	85	8	5700	StCu	3	AC	7	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	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 0900 G.M.T. 20th								YESTERDAY.		TO-DAY.	
Kew } Croydon } 24 hours ended 0700	18	cbcy	bcby	bcwocw	•	•	45	-	-	12.8	•	•	7
Greenwich (Royal Obsy.)	244	bc	bcc	bcowcm	•	•	46	-	0.3	10.5	•	•	6
City (Bunhill Row)	149	c	cbc	bcbo	74	51	39	-	-	12.4	50	71	6
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	12.3	•	•	•
Regent's Pk. (Botanic Gdns.)	27	•	•	•	70	50	48	-	-	12.2	41	65	•
Camden Square	168	•	•	•	•	•	•	•	•	11.8	•	•	•
Kensington Palace	110	cbc	cbc	•	70	50	50	-	-	•	•	68	•
Hampstead Observatory	80	bc	bc	•	71	*	47	-	-	•	At 18h 41	71	•
	450	-	•	•	68	52	45	-	-	12.4	•	71	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 19th:

South Kensington

Max.	Time.	Min.	Time.
-	-	-	-

Kew Observatory

Max.	Time.	Min.	Time.
0.3	at 6 a	7h. 19th	
0.3	rest of day		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19 21 h. 45 m. to 20 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4 30	2 37	58
δ Ursae Minoris	4 30	2 37	58

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 (at 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Date.	Type.	No. per 4 sec.	Stren.	Direc.
19th	-	-	-	-
19th	-	-	-	-
20th	-	-	-	-
20th	-	-	-	-
20th	-	-	-	-
20th	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

20th & 21st JUNE, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.31	11.54	8.17
	3.31	11.54	8.17
Greenwich	3.44	12.1	8.18
	3.44	12.1	8.16
Wick	3.7	12.13	9.19
	3.7	12.13	9.19
Valencia	4.22	12.42	9.2
	4.22	12.42	9.2

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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

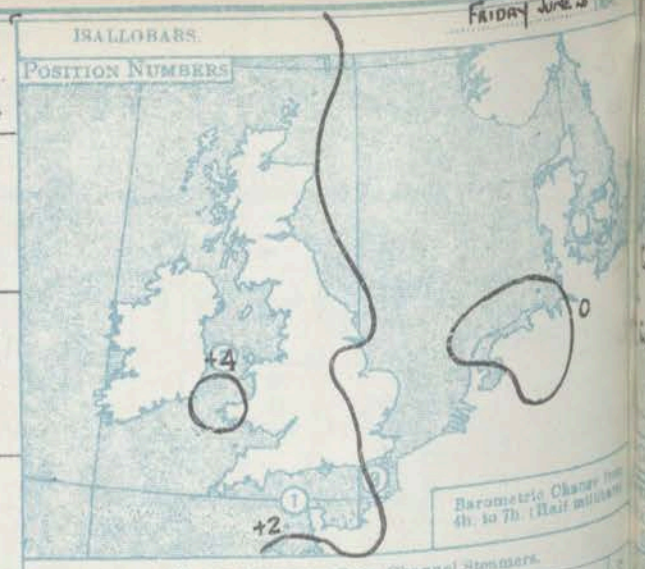
SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
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

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. ¶ For code see page 3.

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.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 19th Hours.
Lerwick	bc	bcom	obq f	of	61	47	•	-	Trace	-	<2100	5.7
Stornoway	bbc	p	bbc	bbc	65	52	•	1	-	-	-	8.7
Wick	oo	orrbc	c	bbc	54	47	•	6	-	13.30	-	•
Castlebay		oc	cr. bc	bco	58	51	•	-	0.3	-	-	6.4
Nairn	bbcpcq	bcobc	bcow	cq	69	49	•	0.1	-	11.00	-	7.5
Aberdeen	cbcorrain	cbmcm	coco	ob	60	46	42	4	-	0900	-	5.2
Malin Head	coir	coiR	co	co	62	49	•	4	-	<0800	-	5.5
Renfrew	otoc	cocq	bc	bcw	64	46	39	-	-	-	-	2.0
Edinburgh (Inchkeith)	c	c	c	bbc	65	51	40	-	-	-	-	11.4
Leuchars	orborb	bbc	bbc	bbcw	64	44	33	0.4	-	0900	-	9.4
Eskdalemuir	owco	oc	cbr.	bccow	63	46	43	-	-	-	-	9.8
Tynemouth	f-m	bc	bcm	oif	65	51	44	-	-	-	-	*
Blacksod Point	c	rr	pccd	pcc	60	49	•	0.5	2	-	-	•
Donaghadee	cq	bc	bc	bc	60	46	•	-	-	-	-	..
Birr Castle	copR	copR	or. r.	bc	59	49	33	2	0.5	<0800	<2100	0.9
Holyhead	p.	cbc	bc	b	60	50	47	trace	-	0900	-	12.7
Liverpool (Bidston)	bbcc	cbc	oo		68	51	46	-	-	-	-	7.9
Chester (Shotwick)	bccc	cc	bcbb	bcwoc	68	45	39	-	-	-	-	9.6
Harrogate	b.bc	b-bc		c	69	46	40	-	-	-	-	8.9
Spurn Head	cocqHr	rcbc	bbc	oo	62	54	•	10	-	13.30	-	8.7
Birmingham (Edgbaston)	bc	bc	bcbc	bco	66	50	34	-	-	-	-	12.0
Cranwell	oprHc	bcb	c	bcco	70	50	41	4	-	0900	-	10.0
Gorleston	cobcq	bcqb	bcco	oor.	66	54	50	-	1	-	0530	12.0
Valencia (Cahirciveen)	obc	cobc	oro	bwcwb	57	48	40	1	0.6	<0800	0430	5.9
Roches Point	oc	cbc	bcb	bw	59	47	•	-	Trace	-	-	*
Pembroke (St. Ann's H.)	cqp		c	bbc	57	51	•		-		-	9.8
Ross-on-Wye	bc	cbcycci	cbw	ccb	65	48	44	-	-	-	-	8.6
Leafield	bcc	c	cbc	bcco	66	46	39	-	-	-	-	13.3
Andover	oc	bcc	bcbbc	bccfo	66	44	42	-	-	-	-	11.2
S. Farnborough	bcyv	bbyv	byvbc	bc t	72	49	43	-	-	-	-	13.9
London (Kew Obsy.)	cbcy	bcoy	bybcwbw	ocw	70	53	45	-	-	-	-	12.8
Croydon	bc	bcocby	bcow	or. m	70	50	40	-	0.3	-	0530	13.5
Clacton-on-Sea	bcz	bcz	bc	bccoq	67	55	52	-	-	-	-	14.9
Shoeburyness	bwb	by	bybc	bccoid.	72	52	*	-	Trace	-	0630	14.4
Felixstowe	b	b	bbc	bcor. r.	69	56	54	-	0.4	-	0530	14.0
Lympne	bc	bcc	bccvw	cor. r.	65	52	45	-	0.1	-	0530	14.4
Scilly (St. Mary's)	cpobc	bcc	c	bcb	60	49	•	0.3	-	-	-	8.9
Falmouth (Pendennis)	bc	bc	bcco	cobc	60	52	•	-	-	-	-	9.8
Plymouth (Cattewater)	bcbbc	bcco	cbc	bcbw	61	52	50	-	-	-	-	7.7
Portland Bill	bbc	b-bc	bbc	p	59	54	•	-	Trace	-	0330	*
Southampton (Calshot)	cbcbbc	b-bc	bcbbccb	bwbcc	62	49	45	-	-	-	-	13.2
Dungeness	bbc	b-bc	c	cobr	62	55	•	-	Trace	-	0530	.
Guernsey	bbc	bccircbc	bc	cpc	67	53	•	Trace	0.4	1630	0430	*



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	19th 0900	CAMBRIA	SSE	6	oeq	54	52
1	" 1100	IBEX	SW	2	b	53	54
3	20th 0100	ARUNDEL	-	0	co.	55	54

GENERAL INFERENCE.

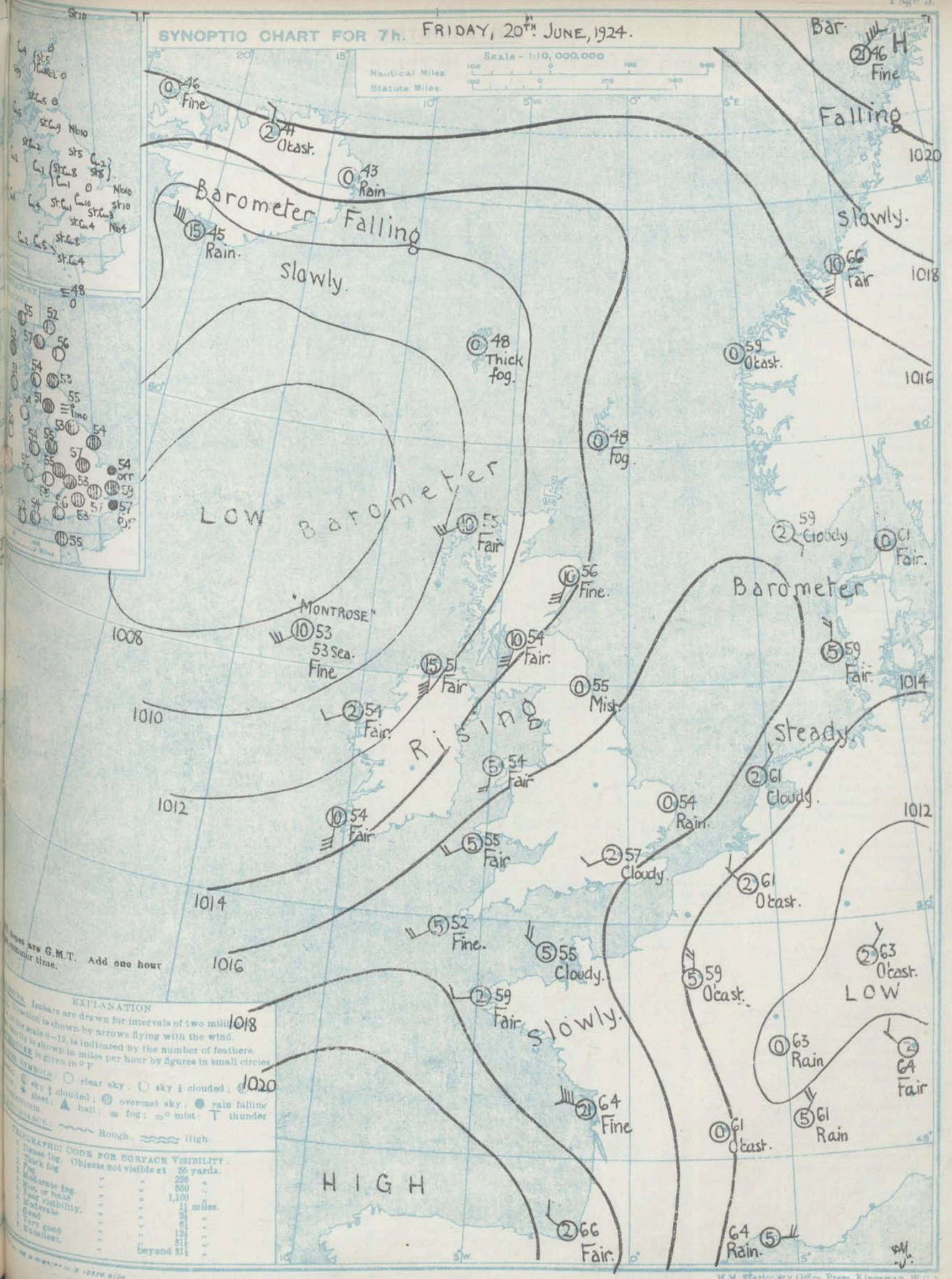
The depression off our nor[illegible] west coasts appears to be moving away northwest and filling up bu[illegible] shallow secondary disturbances have developed on the Continent. Winds will be variable and mostly light with generally fair weather over the western part of the British Isles but some rain and local thunder over the eastern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 20th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind light and indefinite; mainly cloudy, some rain, a risk of local thunderstorms; visibility moderate or good; rather warm to moderate temperature.	With-held.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind light and indefinite; mainly fair; visibility moderate or good; rather warm.	
10. N.E. England	As 1 - 3.	
11. E. Scotland	Wind light and indefinite; cloudy to fair; some mist or fog; rather warm.	
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides	As 4 - 9.	
16. Orkneys and Shetlands	As 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 4 - 9.	

Times are G.M.T. or summer time.

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 opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Friday 20th June 1924. No. 172.

Observations at 0100 G.M.T. 20th

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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1013.5	0	-	0	FFo	50	97	1	225	St	10	-	10
Stornoway	51	1008.9	0	-	0	b	•	•	6	•	•	•	-	•
Wick	81	1010.8	+1	S	2	b	50	94	8	4000	Cu	1	Ci St	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1009.4	+3	S	4	c	52	83	8	4000	Cu	7	-	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1011.8	+3	SW	3	c+	54	75	8	•	St	2	A Cu	4
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1013.5	+1	-	0	bc-	53	85	6	800	St	4	.	4
Blacksod Point	10	1008.3	+2	WSW	13	od	51	85	8	•	•	•	•	9
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013.0	+2	SSW	3	b.	51	92	8	-	-	0	Ci	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1013.9	+1	SW	2	b	56	92	6	-	-	0	Ci	2
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1015.0	+1	W'S	1	bc	51	94	6	-	-	0	Ci St	6
Gorleston	13	1015.2	+1	W'S	1	o+	57	85	7	-	-	0	A St	10
Valencia (Cahirciveen)	30	1011.0	+4	SW	3	bcPR	51	97	8	*	CuNb	5	-	5
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1014.2	+3	SSW	3	bc	52	85	8	4000	StCu	4	-	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1015.0	0	W	1	o	50	97	7	4000	StCu	2	Ci St	9
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1014.5	0	SW	1	c	55	85	8	4000	StCu	8	-	8
Scilly (St. Mary's)	131	1014.0	+2	-	0	c	51	92	8	4000	Cu	1	A Cu	8
Falmouth (Pendennis)	209	1015.1	+2	-	0	o+	54	92	8	5400	StCu	9	.	9
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1014.4	+1	SSW	2	c+	54	92	7	4000	Cu	4	A Cu	7
Southampton (Calshot)	12	1015.6	0	WNW	2	b	53	92	8	-	-	0	Ci	2
Dungeness	21	1015.2	+1	WSW	2	o	55	92	8	4000	Nb	4	A Cu	10
Guernsey														

Observations at 0700 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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	1014.1	+2	-	0	ffo	46	97	2	225	St	10	-	10
Stornoway	1010.3	+3	SW	3	bc	55	85	8	4000	Cu	4	-	4
Wick	1012.3	+2	SSW	1	b	52	92	8	-	-	0	Ci St	1
Castlebay	1010.5	+2	SE	3	o	52	92	7	1500	St	9	-	9
Nairn	1012.3	•	-	0	c	57	75	8	1500	St	7	-	7
Aberdeen	1013.9	+2	SSW	3	b	56	70	7	-	-	0	Ci	2
Malin Head	1010.9	+2	S	4	bc-	51	85	8	4000	Cu	5	Ci Cu	6
Renfrew	1013.4	+4	SSW	3	bc	54	75	8	4000	StCu	5	Ci	6
Edinburgh (Inchkeith)	1014.0	+3	SW	2	c	53	85	8	•	-	0	Ci Cu	8
Leuchars	1014.1	+4	SSW	2	c+	56	75	7	4000	StCu	4	A St	9
Eskdalemuir	1015.2	+1	S	3	o	51	85	7	1500	StCu	9	-	9
Tynemouth	1015.6	+2	-	0	lmo	55	85	4	1500	Nb	10	-	10
Blacksod Point	1010.9	+2	WSW	1	bc-	54	85	9	•	•	•	-	6
Donaghadee	1014.4	+2	S	1	b-	54	85	8	1500	StCu	2	-	2
Birr Castle	1013.6	•	S	1	b-	50	92	6	1500	Cu	2	-	2
Holyhead	1015.3	+3	SSW	2	bc+	54	85	8	2500	Cu	1	Ci	4
Liverpool (Bidston)	1016.0	+2	S'W	1	o-	55	75	6	2500	StCu	9	-	9
Chester (Shotwick)	1015.4	+3	S'E	2	c-	54	92	4	7200	StCu	8	-	8
Harrogate	1015.9	+2	SSW	1	c-	63	85	7	2600	St	5	A St	8
Spurn Head	1016.9	+3	WNW	3	o	54	83	6	2500	St.	10	-	10
Birmingham (Edgbaston)	1016.6	+2	NW	2	o	55	75	7	5400	StCu	5	A Cu	9
Cranwell	1016.1	+1	W'N	1	o+	54	92	6	-	-	0	A St	9
Gorleston	1016.4	+1	-	0	orr	54	92	6	4000	Nb	10	.	10
Valencia (Cahirciveen)	1013.5	+2	S	3	bc	54	85	9	1500	StCu	3	A Cu	4
Roches Point	1015.0	+2	SW	1	b	54	75	8	4000	Cu	3	-	3
Pembroke (St. Ann's H.)	1016.5	+4	WSW	2	bc	55	75	8	4000	Cu	4	-	4
Ross-on-Wye	1016.4	+2	SW	1	b-	55	85	6	5700	StCu	1	Ci Cu	2
Leafield	1016.4	+2	W	2	o+	53	92	4	4000	Cu	10	-	10
Andover	1014.0	+1	WNW	1	or	53	97	6	4000	StCu	9	A Cu	9
S. Farnborough	1016.5	+3	W	1	c°	53	92	7	5700	StCu	4	A Cu	8
London (Kew Obsy.)	1016.7	+2	WSW	1	c	54	85	6	2500	StCu	3	A St	10
Croydon	1016.4	+2	NW	1	o	55	85	6	4000	St	4	-	5
Clacton-on-Sea	1015.4	+1	E	3	o	59	85	4	1500	St	10	A St	10
Shoeburyness	1016.3	+2	NW	1	od	56	85	4	4000	Cu	7	A St	10
Felixstowe	1016.1	+2	ENE	2	orr	54	92	6	4500	Nb	2	A St	10
Lympne	1015.6	+1	N	3	o/r	55	85	7	4000	StCu	6	-	6
Scilly (St. Mary's)	1016.3	+2	SW	2	b	52	85	8	4000	Cu	2	-	2
Falmouth (Pendennis)	1017.4	+2	-	0	bc	54	75	8	4000	Cu	3	-	3
Plymouth (Cattewater)	1016.9	+3	-	0	b-	55	92	8	4000	Cu	4	-	4
Portland Bill	1016.2	+2	-	0	c+	56	92	4	4000	Cu	8	A Cu	10
Southampton (Calshot)	1016.9	+3	NW	2	o	53	92	6	5400	StCu	4	Ci St	10
Dungeness	1015.5	+1	NW	3	ojp	57	85	6	2500	Nb	4	A Cu	8
Guernsey	1017.4	+2	NW	2	c	55	92	7	5400	StCu	[illegible]	[illegible]	[illegible]

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th June 1924.

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 18-19 °F.	Temperature Max. Day 19 °F.	Rainfall† Night 17h.-9h. 18-19 mm.	Rainfall† Day 9h.-17h. 19 mm.	Sunshine Sunrise to 17h 19	Sunshine Sunrise to Sunset 18 hr.
Berwick-on-Tweed	bcrzc	bcfw	49	69	0.5	-	7.0	9.4
Douglas (IoM)	bc	bcc	51	58	-	-	2.5	8.8
Llandudno	cbbc	bccb	49	66	0.3	-	8.9	5.3
Colwyn Bay	b	b	53	67	-	-	10.0	8.0
Rhyl	bc	cbcb	51	66	-	-	11.5	11.1
Southport	cbcbc	rcbcb	51	67	-	1	7.8	11.3
Blackpool	ccp	cy	52	67	-	0.5	6.0	9.5
Ilkley	bbcb	b	46	70	-	-	8.9	8.3
Skegness	orocb	b	57	72	0.2	-	7.6	9.9
Aberystwyth	ocb	b	53	63	-	-	9.0	9.5
Bath	bcb	bcb	53	67	-	-	11.5	12.4
Leamington Spa	bcc	c	51	69	-	-	10.0	7.2
Lowestoft	bcb	bbc	55	66	7	-	9.8	1.9
Felixstowe	b	b	57	66	1	-	11.4	6.1
Harwich & Dovercourt	b	b	57	70	-	-	11.5	8.1
Southend	b	b	58	74	Trace	-	12.0	6.4

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 18-19 °F.	Temperature Max. Day 19 °F.	Rainfall† Night 17h.-9h. 18-19 mm.	Rainfall† Day 9h.-17h. 19 mm.	Sunshine Sunrise to 17h 19	Sunshine Sunrise to Sunset 18
Ilfracombe	bbcc	corp	54	62	2	2	5.3	[illegible]
Bude	bcpc	bcpc	53	60	1	-	2.0	[illegible]
Paignton	bcc	cbc	52	64	-	-	8.6	[illegible]
Torquay	b	cobc	54	65	-	-	7.0	[illegible]
Jersey	b	bc	55	70	-	-	10.7	[illegible]
Weymouth	b	bbc	54	66	-	-	12.0	[illegible]
Bournemouth	b	b	53	65	-	-	12.0	[illegible]
Portsmouth (S'thsea)	b	b	54	66	2	-	11.6	[illegible]
Littlehampton	bc	bc	51	62	6	-	12.1	[illegible]
Worthing	b	b	53	65	7	-	11.7	[illegible]
Brighton	b	b	54	69	6	-	11.7	[illegible]
Eastbourne	b	b	56	65	0.4	-	11.3	[illegible]
Hastings	bbcb	bbc	54	66	1	-	11.6	[illegible]
Folkestone	b	b	54	65	5	-	10.0	[illegible]
Dover	orrcb	[illegible]	58	64	6	-	[illegible]	[illegible]
Tunbridge Wells	[illegible]	b	52	68	8	-	12.2	[illegible]
Ramsgate	[illegible]	b	55	65	4	-	15.4	[illegible]
Margate	[illegible]	b	55	72	3	-	12.5	[illegible]
Deal	[illegible]	b	53	70	1	-	[illegible]	[illegible]

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

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22354 SATURDAY 21st JUNE 1924.

STATIONS. (For heights see p.4).	Observations at 1300 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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.	Observations at 1800 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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rainfall mm.
Lerwick	1014.9	+2	SSW	1	ffo	49	92	3	450	St	10	-	10	•	1015.3	+1	SW	1	o/f	51	92	6	800	St	6	ASt	10	0
Stornoway	1013.6	+3	SSW	3	O+	58	75	7	4000	Nb	8	-	8	•	1013.8	+1	SSW	2	b-	58	68	8	4000	Cu	2	·	2	1
Wick	1012.6	+3	SSW	1	C+	54	92	8	1500	CuNb	2	CiSt	7	•	1014.4	+1	NW	1	bc-	58	75	8	2500	CuNb	2	CiSt	5	0
Castlebay	1013.3	+2	SE	3	cPR	53	92	7	1500	Nb	7	-	7	•	1014.1	+1	SSE	4	b	54	85	8	4000	Cu	1	-	1	3
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.7	•	W	2	bc-	63	75	8	4000	Cu	6	-	6	·
Aberdeen	1015.4	+2	S	3	C+	59	75	7	-	-	0	ACu	8	0	1015.4	0	S	2	b-	58	65	7	5700	StCu	1	-	1	0
Malin Head	1013.3	+2	N	2	bc	53	75	8	4000	CuNb	6	-	6	•	1014.3	+1	E	3	bv	52	75	9	4000	Cu	2	CiSt	3	0
Renfrew	1015.2	+2	SW	3	C-	60	65	8	4000	Cu	7	-	7	1	1015.7	+1	SW	4	bv	58	65	9	4000	StCu	3	·	3	·
Edinburgh (Inchkeith)	1014.7	+1	ESE	2	c	60	75	8	•	Cu	2	ACu	8	•	1015.2	-1	SW	5	b-	60	65	8	•	Cu	3	·	3	1
Leuchars	1015.1	+2	SSW	3	bc	62	55	7	4000	Cu	3	Ci	6	0	1015.2	+1	NE	2	bcPR	57	85	8	7200	CuNb	6	·	6	·
Eskdalemuir	1016.1	+2	SW	4	b	59	55	8	2500	Cu	2	ACu	3	0	1016.7	0	SW'S	4	bv	57	65	9	2500	Cu	1	-	1	·
Tynemouth	1016.3	+2	SSE	1	c	56	85	6	1500	Nb	8	-	8	•	1016.7	0	SSE	1	bc	55	85	6	4000	Cu	3	Ci	5	1
Blacksod Point	1011.9	+1	S	1	bc	58	75	9	•	•	•	•	6	•	1011.6	-1	SW	2	opr	55	85	9	•	•	•	•	10	3
Donaghadee	1015.5	+1	S	2	b-	61	65	8	?	Cu	2	-	2	•	1015.6	0	SSE	3	b	55	85	8	220	Cu	2	·	2	3
Birr Castle	1015.3	+	S	2	bc+	60	75	7	4000	StCu	8	-	8	•	1014.1	•	S	1	ORR	54	92	6	1500	Nb	9	·	9	·
Holyhead	1017.5	+3	SSW	3	b	59	75	9	4000	Cu	1	Ci	1	0	1017.4	0	SSW	4	bv	56	85	9	4000	Cu	1	-	1	3
Liverpool (Bidston)	1017.6	+2	WNW	1	b	61	55	9	4000	StCu	3	-	3	•	1017.8	+1	NW	2	b-	60	65	8	4000	Cu	1	-	1	2
Chester (Shotwick)	1017.0	+1	NW	3	C	61	55	8	4000	Cu	6	Ci	8	0	1017.2	+1	NW'N	3	bc-	60	65	8	4000	Cu	6	-	6	·
Harrogate	1016.8	+3	SW	1	O-	57	75	7	2500	StCu	8	-	8	·	1017.9	+2	W'S	3	bc+	62	55	8	4000	StCu	4	ACu	6	·
Spurn Head	1016.7	+1	E	2	c	62	75	6	4000	Cu	7	-	7	+	1017.5	0	NE	2	bc	58	75	7	2500	St	4	ACu	5	·
Birmingham (Edgbaston)	1017.2	+2	SW	2	bc+	64	55	8	2500	CuNb	5	ASt	6	0	1017.8	0	WSW	2	bc	64	55	8	2500	CuNb	5	·	5	·
Cranwell	1016.9	+1	SW	1	C	67	55	8	4000	CuNb	4	ASt	8	0	1016.9	0	W	3	c/r	59	75	8	4000	CuNb	6	ASt	8	·
Gorleston	1017.2	0	-	0	c	61	85	6	5700	Cu	3	ACu	7	·	1017.9	+1	-	0	od	60	75	6	4000	Nb	10	·	10	0
Valencia (Cahirciveen)	1013.9	0	SSE	4	0	55	85	9	1500	StCu	7	ASt	9	!	1013.7	0	SW'S	3	bc-	57	85	8	1500	StCu	4	ACu	5	3
Roches Point	1016.7	+1	SW'W	4	0	57	75	8	2500	CuNb	4	ASt	10	•	1016.3	-1	SW'W	3	opr	55	92	8	4000	CuNb	9	·	9	3
Pembroke (St. Ann's H.)	1016.2	+4	SW	2	bc	58	75	8	4000	Cu	4	-	4	•	1018.3	0	SW	2	bc+	55	75	8	4000	StCu	6	·	6	3
Ross-on-Wye	1017.3	+1	SW	2	bc-	63	55	7	4000	Cu	4	Ci	5	0	1018.0	+1	SW'S	3	b-	63	45	8	4000	CuNb	1	Ci	1	·
Lanfield															1018.2	+1	SW	3	bc	62	65	8	4000	Cu	3	ACu	5	·
Andover	1017.5	+1	WNW	1	C	65	65	8	4000	CuNb	8	-	8	0	1019.0	+3	SW	2	orr	56	92	8	4000	StCu	9	·	9	*
S. Farnborough	1017.1	+1	SW	3	C	69	55	8	2500	Cu	7	ACu	8	0	1018.4	+2	SW'W	2	c	61	65	8	4000	StCu	7	ACu	8	·
London (Kew Obsy.)	1017.3	+1	N	1	C-	65	55	8	4000	CuNb	2	ACu	7	0	1018.2	+1	S	2	o/r	63	75	7	4000	Nb	8	AC	9	·
Croydon	1016.8	0	W'N	2	C	67	55	7	4000	CuCu	8	-	8	0	1017.9	+2	W	3	or	57	85	7	4000	Nb	9	·	9	·
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.5	+1	SSE	2	O+	61	85	7	4000	StCu	10	·	10	0
Shoeburyness	1017.3	+1	NNW	2	o/r	65	55	8	-	-	0	ACu	9	·	1017.7	0	SSW	1	b-	63	65	7	·	·	0	AC	3	·
Felixstowe	1016.8	+1	ESE	3	0	64	75	8	7200	StCu	5	ACu	9	2	1017.4	0	S	1	0	61	85	7	7200	StCu	7	ASt	10	0
Lympne	1017.0	+3	S	1	0	61	75	8	2500	StCu	9	-	9	0	1017.7	0	SSW	2	0	57	92	8	4000	St	9	·	9	·
Scilly (St. Mary's)	1013.4	+2	WSW	2	b	61	75	8	4000	Cu	2	-	2	•	1016.9	0	S'W	2	C+	57	85	8	4000	StCu	4	ASt	8	2
Falmouth (Pendennis)	1013.6	+2	W	4	bc+	59	65	8	4000	Cu	5	-	5	•	1020.3	0	W	3	bc	59	65	8	4000	Cu	3	·	5	0
Plymouth (Cattewater)	1013.3	+2	SW	4	b	59	75	8	4000	Cu	1	-	1	0	1019.7	+1	SW	4	bv	57	75	9	5700	Cu	1	·	1	1
Portland Bill	1017.6	+2	SW	2	b-	58	75	7	4000	CuNb	3	-	3	•	1018.8	+1	SW	3	bc+	57	65	7	4000	CuNb	1	Ci	4	3
Southampton (Calshot)	1019.0	+3	SW'S	5	bc/p	62	75	8	2500	Nb	5	-	5	0	1019.4	+2	N	1	bc-	60	75	8	4000	Cu	4	ACu	5	0
Dungeness	1017.4	+1	NE	1	0	63	65	7	4000	Nb	3	CiSt	10	•	1018.4	+1	WSW	3	0	58	85	7	4000	Cu	9	·	9	3
Guernsey	1019.4	+3	NNE	1	C	60	85	8	4000	CuNb	7	-	7	•	1020.5	+2	W	3	b-	57	75	8	5700	Cu	1	Ci	3	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 0900 G.M.T. 20th)	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °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 (24 hours ended 0700)	18	cwocy	oypo	obbbw	•	•	39	tr	-	2.8	•	•	8
Croydon (24 hours ended 0700)	244	cocy	coyr	orbw	•	•	39	0.3	tr	4.1	•	•	8
Greenwich (Royal Obsy.)	149	o	ocor	orocb	41	44	3-	1.	5	1.0	50	56	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	3.4	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	69	49	44	-	-	4.4	54	59	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	4.8	•	•	•
Camden Square	116	bco	c	•	71	49	44	-	-	•	•	54	•
Kensington Palace	80	bco	bco	•	70	*	40	-	-	•	A) 18h 55	55	•
Hampstead Observatory	450	•	•	•	60	44	39	-	-		72	59	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 20th

	Max.	Time.	Min.	Time.
South Kensington				
	<0.3	1800 19th	<0.3	1600 19th
	0.6	0500 20th		
Kew Observatory				
	<0.3	0100 20th	<0.3	1900 19th
	0.3	0700 20th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th June 21h 45m. to 21st " 2h 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4 30	4 30	100
δ Ursae Minoris	4 30	4 30	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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per 1 sec.	Stren.	Direc.
0700	-	-	-	-
1000	-	-	-	-
1400	-	-	-	-
1700	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

21st, 22nd, 23rd JUNE, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.31	11.54	8.17
	3.32	11.55	8.16
Greenwich	3.44	12.1	8.18
	3.46	12.2	8.19
Wick	3.4	12.13	9.19
	3.8	12.14	9.20
Valencia	4.22	12.42	12.42
	4.20	12.40	12.40

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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
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.

† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

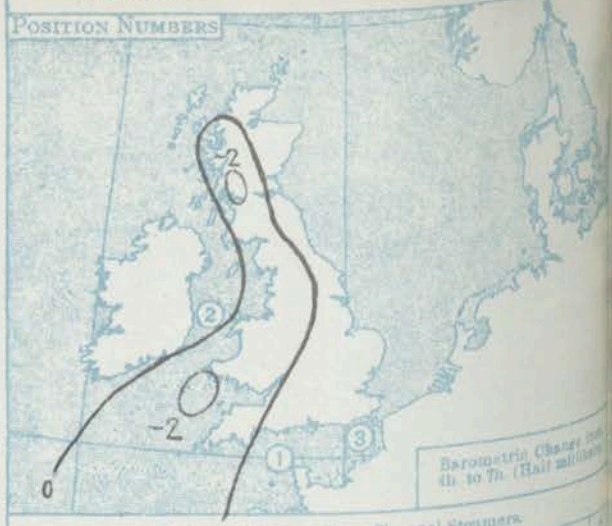
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	13h.-18h. 20th	18h. 20th to 1h. 21st	1h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 20th Hours.
Lerwick	of	ofmw	ocbcb	bcb	51	47	•	-	-	-	-	0.8
Stornoway	c	b-bc	b-bc	b	60	51	•	-	-	-	-	8.4
Wick	c	c	b-bc	bbc	60	40	•	-	-	•	-	•
Castlebay	ocobc	cpopb	b	bob	55	48	•	1	-	-	-	7.6
Nairn	cbec	chrbc	bcw	bcb	67	41	•	1	-	1530	-	6.9
Aberdeen	bbec	cbcb	b	b	61	43	35	-	-	-	-	9.7
Malin Head	irco	crbc	coir	coir	54	50	•	3	1	0900	2400	8.9
Renfrew	bcc	cbcb	bbc	corr	62	43	34	-	2	-	0430	8.7
Edinburgh (Inchkeith)	c	cbc	bcb	c	65	48	*	-	-	-	-	9.7
Leuchars	cbc	bcbbcp	bcbbc	bccw	65	40	33	0.3	-	1730	-	10.8
Eskdalemuir	owcby	bbv	c	coro	60	38	33	-	0.4	-	0430	11.0
Tynemouth	c	b-bc	bcb	cm	61	46	40	-	-	-	-	•
Blacksod Point	bcbc	bco	oo	bbc	59	49	•	0.2	4	-	-	•
Donaghadee	bc	bc	bc	bcb	62	50	•	-	1	-	2400	•
Birr Castle	co	cRR	coR	iRbc	64	45	39	1	4	17.30	2400	8.3
Holyhead	bcbv	bv	ocd	ord	60	52	50	-	3	•	2400	13.1
Liverpool (Bidston)	cbbc	b	or		62	51	48	-	Trace	-	0630	9.8
Chester (Shotwick)	cbcc	cbcr	bc	bco	65	46	39	trace	-	17.30	-	7.6
Harrogate	c	b-bc		bbc	69	44	39	-	-	-	-	6.9
Spurn Head	rlr	b-bc	b-bc	bbc	63	52	•	-	-	-	-	7.2
Birmingham (Edgbaston)	oc	bc	bcb	bbc	66	47	34	-	-	-	-	6.9
Cranwell	ococ	coco	b-bc	bbcm	67	45	38	trace	-	17.30	-	6.2
Gorleston	orroc	co	bm	bmbm	63	52	46	11	1	-	<2100	1.5
Valencia (Cahirciveen)	bccvp	orcp	b	bwbc	54	45	39	2	-	11.00	-	4.2
Roches Point	bco	op	cobc	cb	59	46	•	1	1	15.30	<2100	*
Pembroke (St. Ann's H.)	b	c	opr	orrc	59	51	•	-	9	-	2200	13.1
Ross-on-Wye	bcoc	beyby	bbwbc	bcomo	66	42	38	-	-	•	-	9.2
Leafield	opcbc	b-bc	bcb	bbc	65	41	34	0.2	-	<0800	-	9.3
Andover	cpro	clrr	orcbc	bcbbc	66	39	39	1	Trace	<0800	<2100	9.4
S. Farnborough	ccy	ybycopp	cbcb	b	72	44	38	0.1	-	1530	-	5.3
London (Kew Obsy.)	cwocy	oypo	obcbcb	bbw	68	49	39	trace	-	1730	-	2.8
Croydon	corby	coyrr	orbw	bw	68	46	39	0.3	Trace	<0800	<2100	4.1
Clacton-on-Sea	ogdc	co	opc	cbc	67	51	49	0.5	0.5	-	-	1.8
Shoeburyness	oiroy	oycbcb	b	b	68	48	*	0.1	-	<0800	-	1.3
Felixstowe	orrobco	o	orro	ocbc	69	55	52	2	9	<0800	2200	4.0
Lympne	oro	opr	obw	bw	62	45	44	trace	-	0900	-	0.3
Scilly (St. Mary's)	b	bbc	o	or	61	52	•	-	2	-	0430	11.9
Falmouth (Pendennis)	bc	bc	bcco	cpbcc	61	54	•	-	Trace	-	0330	12.9
Plymouth (Cattewater)	b	bq	b	bbcc	61	54	53	-	-	-	-	12.4
Portland Bill	c	b-bc	b-bc	bbc	59	53	•	-	-	-	-	•
Southampton (Calshot)	cbcbc	bbcfrcbc	bcbw	bw	66	46	40	trace	-	1530	-	5.4
Dungeness	oo	c	c	bbc	63	48	•	-	-	-	-	•
Guernsey	c	cbcb	b	bwbcc	61	51	•	-	0.1	-	-	

ISALLOBARS

Sat. 21st June 1924

POSITION NUMBERS



Barometric Change in 6h. to 7h. (Half millibars)

Observations from Cross Channel Steamers

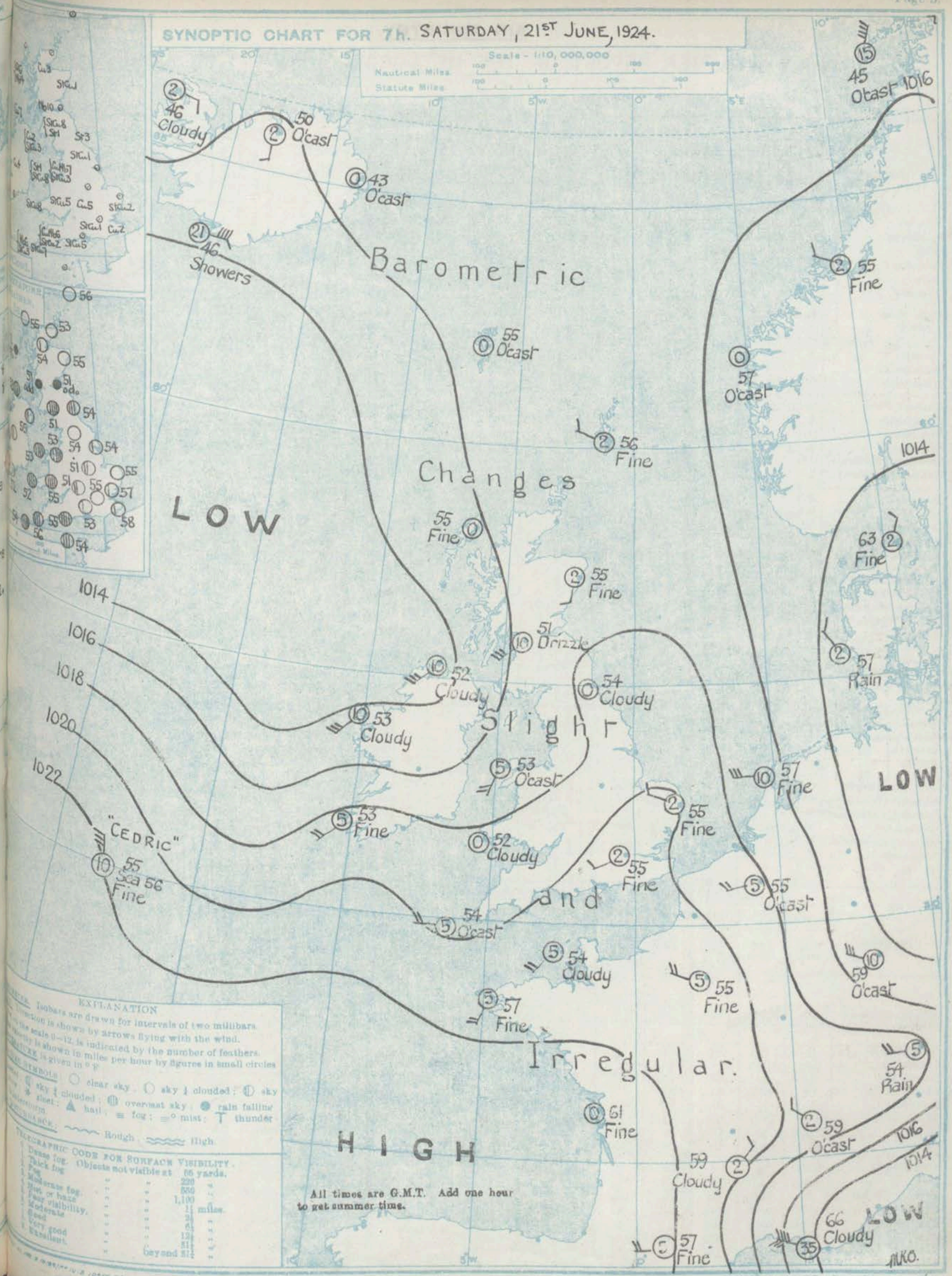
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	20th 0900	CAMBRIA	S	4	b	53	52
3	21st 0200	BRIGHTON	WNW.	3	b	56	54

GENERAL INFERENCE.

There is still a shallow depression off our northwest coasts and slight secondaries are indicated over Cornwall and near the southwest coast of Ireland. Light winds from between south and west are probable with showers in the West and North but mainly fair weather over Eastern England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 21st June, 1924.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light southwesterly wind; fair at first, a risk of local showers later; visibility moderate or good apart from some morning mist; rather warm.	With-held.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind mainly between S.W. and W., light or moderate; occasional showers, considerable bright periods; visibility good; moderate temperature to rather warm.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
11. E. Scotland	Light variable winds; mainly fair but slight rain locally; some mist; moderate temperature to rather warm.	
12. S.W. Scotland 13. Isle of Man	Wind S. to S.W., light or moderate; occasional showers; visibility moderate or good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides	Light variable winds; occasional rain; visibility moderate to good; moderate temperature.	
16. Orkneys and Shetlands	As 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly westerly, light; occasional showers, considerable bright periods; visibility good; moderate temperature.	

† For Code see opposite page.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. SATURDAY 21st JUNE 1924. No. 173

Observations at 0100 G.M.T. 21st

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	1016.2	0	-	0	b	49	92	6	-	-	0	CaSc	3
Stornoway	61	1015.8	+2	-	0	b	*	*	6	*	*	*	*	*
Wick	81	1016.2	+1	WNW	1	b	44	97	8	4000	Cu	1	-	1
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	48	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1013.2	0	SSE	2	cr	52	85	8	4000	CuNb	8	-	8
Renfrew	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1017.5	+2	WSW	1	b	50	85	8	*	-	0	aCu	1
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1018.2	+1	-	0	b	50	85	6	1500	St	2	-	2
Blacksod Point	10	1012.5	+1	SW	3	o	51	97	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	28	1017.8	-1	S'E	3	od	54	92	8	1500	St	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1019.0	+2	-	0	b	53	92	6	-	-	0	aCu	3
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1019.5	+1	-	0	b	45	97	6	-	-	0	-	0
Gorleston	13	1018.9	+1	W	2	b	52	97	5	-	-	0	-	0
Valencia (Cahirciveen)	30	1016.3	+2	SW	4	b-	52	92	9	-	St	2	-	2
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1018.5	+1	SSW	4	or	55	92	8	1500	Nb	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	239	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	55	*	*	*	*	*	*	*
Croydon	244	1020.4	+1	W	1	b	51	85	7	-	-	0	-	0
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1019.2	+2	NW'W	3	b	51	92	7	-	-	0	-	0
Scilly (St. Mary's)	131	1020.1	+1	SW	3	o	54	92	8	4000	StCu	10	-	10
Falmouth (Pendennis)	209	1021.1	0	WSW	2	o+	55	85	8	4000	StCu	9	-	9
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1020.4	0	W	2	b	54	85	7	-	-	0	-	0
Southampton (Calshot)	12	1021.1	+1	WNW	1	b	51	92	8	-	-	0	-	0
Dungeness	21	1019.6	+2	W	1	b	53	92	8	-	-	0	-	0
Guernsey	--													

Observations at 0700 G.M.T. 21st

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
Lerwick	1016.4	0	WNW	1	b	56	83	7	-	-	0	-	0
Stornoway	1015.9	0	-	0	b	55	75	9	-	-	0	-	0
Wick	1016.4	0	-	0	b	55	85	8	-	-	0	-	0
Castlebay	1015.2	0	E	3	obr	51	85	7	1500	St	10	-	10
Nairn	1016.5	*	-	0	b	54	85	8	4000	Cu	3	-	3
Aberdeen	1014.5	0	SSW	1	b	56	75	6	1500	StCu	1	-	1
Malin Head	1013.2	0	SW	3	cr	51	85	8	1500	Cu	7	-	7
Renfrew	1016.4	-2	ESE	3	odd	51	85	5	1500	Nb	10	-	10
Edinburgh (Inchkeith)	1017.5	0	-	0	od	51	85	8	*	-	0	A St	9
Leuchars	1017.8	0	-	0	c	51	85	6	5400	StCu	6	A St	9
Eskdalemuir	1014.6	-1	SE'S	3	o	51	85	7	1500	StCu	9	-	9
Tynemouth	1018.3	0	-	0	c	54	85	4	1500	St	3	ACu	3
Blacksod Point	1014.2	+1	SW	3	c	55	83	9	*	*	*	*	5
Donaghadee	1015.9	0	WSW	1	bc-	65	83	8		StCu	5	-	5
Birr Castle	1015.9	*	S	1	bc-	50	97	6	4000	Cu	4	-	4
Holyhead	1017.5	+1	SW	2	o-	53	97	8	800	StCu	9	-	9
Liverpool (Bidston)	1017.9	0	SSE	2	o	55	85	6	1500	CuNb	10	-	10
Chester (Shotwick)	1018.0	-1	SSE	3	o	53	85	8	1500	St	9	-	9
Harrogate	1017.3	-1	S	1	b	54	75	8	7200	StCu	1	-	1
Spurn Head	1019.1	+1	-	0	b	54	92	6	-	-	0	Ci	2
Birmingham (Edgbaston)	1019.9	0	SW'S	2	bc	56	75	7	-	-	0	A Cu	5
Cranwell	1019.4	0	WSW	1	bc	51	92	5	-	-	0	A Cu	4
Gorleston	1020.1	0	W'N	1	b	55	92	6	-	-	0	-	0
Valencia (Cahirciveen)	1018.6	+1	SW	2	b	55	85	8	2500	StCu	2	A Cu	3
Roches Point	1019.0	+1	N	2	b	51	85	9	-	-	0	-	0
Pembroke (St. Ann's H.)	1018.5	-2	-	0	cr	52	92	8	1500	StCu	8	A Cu	9
Ross-on-Wye	1019.8	-1	SSW	2	o	55	85	4	4000	StCu	5	-	5
Leafield	1020.1	0	W	2	bc+	51	85	4	4000	Cu	5	-	5
Andover	1021.0	0	-	0	c+	52	92	8	4000	St	7	Ci Cu	8
S. Farnborough	1020.2	+1	WNW	3	b-	55	85	8	4000	StCu	1	Ci Cu	2
London (Kew Obsy.)	1020.6	+2	WSW	1	b	55	65	6	-	-	0	Ci St	1
Croydon	1020.8	0	NW	2	b	56	65	4	-	-	0	A Cu	1
Clacton-on-Sea	1019.4	0	NW	3	bc	55	85	6	-	-	0	Ci	4
Shoeburyness	1020.3	+1	WNW	1	b	59	65	7	-	-	0	A Cu	3
Felixstowe	1019.1	+1	WNW	2	b-	54	85	6	7200	StCu	2	A Cu	1
Lympne	1019.9	+1	NW	2	b-	55	75	7	4000	Cu	1	-	1
Scilly (St. Mary's)	1019.3	-1	W	2	cr	54	97	7	4000	Nb	9	-	9
Falmouth (Pendennis)	1019.4	-1	SW	3	c+	56	92	8	4000	StCu	7	-	7
Plymouth (Cattewater)	1020.0	0	S	3	c	55	92	7	1500	CuNb	8	-	8
Portland Bill	1020.5	0	SW	1	o+	55	92	7	4000	StCu	3	A Cu	9
Southampton (Calshot)	1021.1	0	SE'S	1	b	55	75	7	-	-	0	A Cu	2
Dungeness	1020.4	+1	NW	2	b	55	65	8	4000	Cu	2	A Cu	7
Guernsey	1021.8	+1	SW	2	c	54	97	8	-	-	0		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24th June

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 19-20 °F.	Temperature. Max. Day. 20 °F.	Rainfall.† Night 17h.-9h. 19-20 mm.	Rainfall.† Day 9h.-17h. 20 mm.	Sunshine. Sunrise to 17h. 20 hr.	Sunshine. Sunrise to Sunset. 19 hr.
Berwick-on-Tweed	bc	bcbcb	48	63	0.1	-	6.0	7.3
Douglas (IoM)	b	b	48	58	-	-	10.4	5.9
Llandudno	cbc	cbbc	48	62	-	-	6.8	10.3
Colwyn Bay	bc	b	50	62	-	-	8.5	11.4
Rhyl	bc	bcb	47	63	-	-	9.3	13.1
Southport	cbcb	b	51	61	-	-	8.5	4.7
Blackpool	bc	cbb	52	63	-	-	9.5	8.1
Ilkley	bcbcb	b	45	66	-	-	5.6	9.2
Skegness	bcoc	cbc	51	64	-	-	3.8	9.3
Aberystwyth	cbb	b	51	62	-	-	9.5	6.1
Bath	bcco	cbcb	52	67	-	-	6.5	13.8
Leamington Spa	o	cbc	50	66	0.3	-	6.8	11.2
Lowestoft	oro	oco	54	61	8	6	1.0	11.9
Felixstowe	orbc	bco	55	67	3	-	3.8	13.9
Harwich & Dovercourt	obc	co	55	70			3.7	14.0
Southend	o	oce	56	68	0.1	-	1.0	13.4
Ilfracombe	bcb	b	52	58	?	-	9.7	6.6
Bude	b	b	50	64	-	-	11.0	4.0
Paignton	bc	b	50	66	0.3	-	8.9	9.5
Torquay	b	b	51	65	0.3	-	8.2	8.1
Jersey	bc	bc	54	64	-	-	7.0	13.3
Weymouth	b	b	52	69	-	-	9.0	14.6
Bournemouth	b	b	49	66	-	-	7.0	14.2
Portsmouth (S'thsea)	obb	bc	52	67	-	-	7.4	13.5
Littlehampton	bc	bc	52	64	-	-	9.0	14.2
Worthing	bc	bcb	53	67	1	-	7.2	14.4
Brighton	oocb	b	52	70	3	0.1	6.0	13.1
Eastbourne	ro	ocbcb	54	64	2	-	2.6	14.3
Hastings	odoc	cobc	54	63	2	0.3	1.8	13.6
Folkestone	o	o	54	63	-	-	0.0	12.4
Dover	opro	opo	56	62	2	1	0.0	14.1
Tunbridge Wells	odo	coc	50	69	4	Trace	1.8	14.3
Ramsgate	obc	bcc	55	62	3	-	1.7	13.2
Margate	oc	cbcc	55	63	2	-	2.4	13.4
Deal	ro	oc	55	64	3	-	1.5	15.3

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22858 Sunday, 22nd June 1924.

Observations at 1300 G.M.T. 21st / Observations at 1800 G.M.T. 21st

Stations (For heights see p.4).	1300 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	1800 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	1017·3	+1	NE	1	b	59	75	8	4000	Cu	2	–	2	·	1018·1	+1	NE	1	iFo	50	97	2	450	St	10	–	10	0
Stornoway	1016·0	0	SE	3	b+	60	85	9	4000	Cu	3	–	3	·	1016·7	0	NE	3	c+	54	85	7	800	Sc	8	–	8	2
Wick	1017·1	0	ENE	1	b	52	97	8	4000	Cu	1	–	1	·	1017·1	+1	ENE	1	oFF	47	97	1	<150	St	10	–	10	1
Castlebay	1016·2	+1	NE	3	opf₀	52	85	7	1500	St	10	–	10	·	1017·1	0	NNW	4	c	54	85	7	2500	ScCu	8	–	8	3
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	?	·	–	0	c/f	53	92	8	1500	CuNb	7	–	7	·
Aberdeen	1017·0	-1	SSE	2	b	62	65	8	1500	Cu	1	–	1	0	1016·9	0	SSE	3	c-	56	65	8	4000	ScCu	7	–	7	0
Malin Head	1014·8	+2	E	1	bc	53	75	9	5700	CuNb	6	ACu	6	·	1016·9	+1	NE	1	b-	54	85	9	4000	Cu	4	CiCu	5	0
Renfrew	1015·3	-2	SW	2	dLr₀	61	75	8	4000	Cu	7	–	7	0	1016·0	+1	WSW	3	bcjp	59	65	9	4000	CuNb	6	–	6	·
Edinburgh (Inchkeith)	1016·7	0	ESE	2	or₀r₀	53	97	8	·	Nb	9	–	9	·	1015·5	-2	WNW	1	bcjp	54	45	8	·	CuNb	6	–	6	0
Leuchars	1017·1	0	SSE	2	or	54	85	7	4000	Nb	8	ACu	10	1	1015·7	-1	ESE	2	bctl	57	85	8	4000	CuNb	4	–	4	·
Eskdalemuir	1016·7	-1	S'W	5	bc-	57	65	7	4000	Cu	3	Ci	4	1	1017·2	+1	SSW	4	bc+	54	75	8	4000	Cu	5	–	5	·
Tynemouth	1017·2	-1	SE	2	o+	54	75	6	1500	Nb	9	–	9	·	1016·8	0	SE	2	bc/r	57	75	6	1500	CuNb	5	–	5	0
Blacksod Point	1016·3	+1	WNW	1	bc	58	75	9	·	·	·	·	6	·	1017·3	0	W	2	c	53	85	9	·	·	·	·	7	1
Donaghadee	1016·1	0	–	0	ctLRH	52	92	7	220	St	7	–	7	·	1016·6	0	WSW	3	bc+	58	75	8	450	CuNb	6	–	6	3
Birr Castle	1017·4	+	W	2	c+	59	75	7	1500	CuNb	7	–	7	·	1017·9	·	W	1	c+	62	77	7	4000	Cu	8	–	8	·
Holyhead	1018·0	0	S	1	b	59	65	9	4000	Cu	1	–	1	0	1018·7	+1	SSW	3	b	56	75	9	4000	Cu	1	–	1	3
Liverpool (Bidston)	1018·4	0	WNW	1	c/r	55	85	8	2500	CuNb	8	–	8	·	1018·4	0	NW'N	5	b-	51	92	5	–	–	0	–	0	2
Chester (Shotwick)	1017·9	+1	NW	3	oc/r₀	57	85	7	1500	St	10	–	10	1	1018·3	+2	WNW	4	b-	60	55	8	4000	Cu	2	Ci	3	·
Harrogate	1017·3	0	SW	3	c	64	55	7	[illegible]	ScCu	8	–	8	·	1017·6	0	WSW	2	cbr₀	60	65	8	4000	ScCu	7	ASt	8	·
Spurn Head	1018·1	-2	ESE	3	c	58	85	6	2500	St	8	–	8	·	1017·5	-1	ESE	2	cbr₀	58	92	7	4000	CuNb	8	–	8	·
Birmingham (Edgbaston)	1018·3	-1	SW	3	o+	62	65	8	2500	CuNb	6	ACu	9	·	1018·5	+1	W	2	o/r	56	92	7	2500	Nb	8	ASt	9	·
Cranwell	1018·2	-1	W'S	2	bc+	68	55	7	4000	Cu	4	–	4	0	1017·7	0	W	2	c+	64	65	7	4000	Cu	8	–	8	·
Gorleston	1019·1	0	E'S	2	b-	61	75	6	4000	CuNb	2	–	2	·	1018·6	-1	SE'S	3	b	62	75	6	4000	Cu	2	–	2	0
Valencia (Cahirciveen)	1020·0	+1	WSW	3	bc	58	75	8	1500	ScCu	6	–	6	0	1021·4	+1	W	3	c+	56	85	7	800	ScCu	8	–	8	3
Roches Point	1019·6	0	W	1	c+	58	75	9	4000	CuNb	8	–	8	·	1020·5	+1	W	1	cPR	57	85	8	2500	CuNb	8	–	8	0
Pembroke (St. Ann's H.)	1019·1	+2	W	1	b-	55	92	8	1500	Cu	3	–	3	·	1019·7	+1	W'N	1	b-	56	75	9	–	–	0	Ci	3	3
Ross-on-Wye	1018·1	-2	SSW	3	c+	65	65	8	4000	ScCu	8	–	8	0	1018·9	+1	ESE	1	or₀+	55	97	9	2500	Nb	9	–	9	·
Leafield	1018·6	-2	SSW	3	c+	63	66	8	4000	Cu	8	–	8		1018·6	+1	SW	3	c	57	86	8	4000	ScCu	6	ACu	7	·
Andover	1019·2	-1	SW	3	c	65	65	8	4000	Cu	8	–	8	0	1019·6	0	SW	3	c+	60	75	8	4000	Cu	7	–	7	
S. Farnborough	1018·9	-1	WSW	3	c	70	55	8	2500	Cu	7	–	7	0	1018·8	0	SW	3	c	64	65	8	2500	Cu	7	–	7	·
London (Kew Obsy.)	1019·1	-2	SW	2	bc+	65	45	8	4000	Cu	4	–	4	0	1018·7	0	SW	3	c+	66	55	8	4000	Cu	1	ACu	8	·
Croydon	1019·0	-2	W'S	2	bc	67	45	6	4000	Cu	5	ACu	6	1	1018·5	0	WSW	2	o+	62	65	8	5700	ScCu	6	ACu	9	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1018·2	0	SSE	4	c+	63	65	7	4000	ScCu	7	–	7	2
Shoeburyness	1019·2	-1	W'S	3	b	68	45	7	–	–	0	ACu	3	·	1018·5	-1	S	2	b	65	65	8	5700	Cu	1	ASt	2	·
Felixstowe	1018·8	-1	WNW	1	b	69	45	8	5700	Cu	1	–	1	1	1018·2	0	S'E	3	c+	64	65	8	5700	ScCu	6	CiSc	7	0
Lympne	1019·0	-1	SW	3	bc	65	55	9	4000	Cu	4	Ci	5	0	1018·8	0	SSW	2	b	62	65	8	4000	CuNb	1	Ci	2	·
Scilly (St. Mary's)	1019·8	+1	N'E	1	bc-	61	75	8	4000	Cu	3	ASt	5	·	1021·1	+1	NW'N	3	b	59	75	8	4000	ScCu	1	CuSc	2	1
Falmouth (Pendennis)	1019·6	0	NNW	1	oPR+	56	92	7	4000	Nb	10	–	10	·	1021·7	+1	NW	2	bc	58	75	8	4000	CuNb	5	–	6	0
Plymouth (Cattewater)	1019·4	-1	SSW	3	c/r	59	97	8	2500	Cu	6	ACu	8	1	1019·5	0	SSW	3	bc-	58	85	9	4000	Cu	3	Ci	6	0
Portland Bill	1020·3	0	SW	3	b-	58	85	7	4000	Cu	1	Ci	1	·	1019·8	-1	SW	3	bc+	57	85	7	–	–	0	ACu	5	3
Southampton (Calshot)	1020·3	-2	SSW	5	bc	61	75	8	2500	Cu	2	ACu	5	0	1019·8	-1	SSW	5	bc	58	85	8	4000	Cu	2	ACu	5	0
Dungeness	1019·6	-1	WSW	3	bc	61	75	8	5700	CuNb	2	CiCu	5	·	1019·1	-1	SW	3	bc	58	85	8	4000	CuNb	2	CiCu	5	3
Guernsey	1021·0	-2	S'E	2	b-	60	85	8	–	–	0	ACu	3	·	1020·6	-1	WNW	2	c+	58	85	8	5700	ScCu	7	ASt	8	0

London Observations.

London Observations.	Heights above M.S.L. in feet	Weather: Morning (24 Hours ended 0900 G.M.T. 22nd)	Weather: Afternoon	Weather: Night	Temperature: Max. °F.	Temperature: Min. °F.	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	brbcy	bccy	bcpwbm	·	·	44	-	-	11·9	·	·	6
Croydon } 24 hours ended 0700	244	bcy	bc	ocwbow	·	·	43	-	Tr.	11·4	·	·	
Greenwich (Royal Obsy.)	149	bbc	bc	bcobcob	74	50	?	·	·	12·4	44	64	6
City (Bunhill Row)	80	·	·	·	·	·	·	·	·		·	·	·
Westminster (St. James' Pk.)	27	·	·	·									·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	9·5	·	·	·
Camden Square	110			·						·	·		·
Kensington Palace	80	bbc	bcobc	·	70	*	44	-	-	·	(At 18h 59)	59	·
Hampstead Observatory	150	·	·	·									·

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. ....

South Kensington			
Max.	Time.	Min.	Time.

Kew Observatory			
Max.	Time.	Min.	Time.

Pole Star Record at Greenwich Obsy.

Exposure from ....h......m. to..........h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris			
δ Ursæ 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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
[illegible]	G	7	6	95°
[illegible]	-	-	-	-
[illegible]	-	-	-	-
[illegible]	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

22nd & 23rd June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3 32 / 3 32	11.55 / 11.55	8 15 / 8.18
Greenwich	3 45 / 3 45	12 2 / 12 2	8 19 / 8 19
Wick	3 8 / 3 8	12 14 / 12 14	9 20 / 9 20
Valencia	4 23 / 4 23	12 43 / 12 43	9 3 / 9 3

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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 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

For explanation see Introduction. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 21st	WEATHER. 13h.-18h. 21st	WEATHER. 18h. 21st to 18h. 22nd	WEATHER. 18h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 21st Hours.
Lerwick	b	bof	ofm	om	61	45	.	—	-	—	-	13.1
Stornoway	b-bc	c	e	rd	60	49	.	—	1	—	-	10.6
Wick	b-bc	bof	FF	FFe	54	41	.	—	0.1	—	.	
Castlebay	op	opc	cobc	bcb	56	51	.	1	-	—	-	0.2
Nairn	bccir	Rtg	irco	pgo	57	50	.	8 0.5	2	1430	2400	5.6
Aberdeen	b-bc	bcdc	cb	cdc	62	44	34	—	-	—	-	11.6
Malin Head	cop	cobcv	bc	bc	56	49		Trace	-	1100	-	8.2
Renfrew	ottr	ctopo	bcbw	bbcw	62	39	31	Trace	-	<0800	-	6.7
Edinburgh (Inchkeith)	orr	e	p	bm	61	45	43	3	1	<0800	<2100	5.1
Leuchars	coor	rrcbt	cpbc	bcbw	61	41	35	1	0.4	12.30	<2100	4.8
Eskdalemuir	orobc	bbbc	bcco	omf	59	39	35	3	-	0900	-	4.5
Tynemouth	bcc	ompbc	bbc	b	58	48	41	0.1	-	13.30	-	*
Blacksod Point	bcbc	cc	bcc	bcc	60	50	.	—	0.5	—	-	
Donaghadee	otkrh	cp	cbbc	bc	62	46	.	8	0.4	12.30	<2100	.
Birr Castle	cofr	copor	PRco	co	64	51	46	02	2	0900	<2100	12.0
Holyhead	by	bo	ob	b	60	50	44	—	-	—	-	12.5
Liverpool (Bidston)	oprc	bcbr	b		61	60	46	4	-	0900	-	6.4
Chester (Shotwick)	oorc	orbcb	b	bbw	63	40	34	0.4	-	1100	-	6.8
Harrogate	b-bc	copc		bbc	67	44	36	Trace	-	1430	-	9.2
Spurn Head	bcc	cop	bbc	bbc	60	51	.	Trace	-	1630	-	11.0
Birmingham (Edgbaston)	bcc	oprlrt	orrbc	bcb	64	46	35	3	3	1530	<2100	6.0
Cranwell	bbc	bccoc	oRc	cbcb	69	47	44	—	2	—	<2100	9.8
Gorleston	bccu	b	cobcp	bbc	64	51	46	—	-	—	-	13.1
Valencia (Cahirciveen)	cbc	cdbc	o	co	58	54	50	+	-	1430	-	8.8
Roches Point	bbcc	ctP	bcb	bo	61	50	.	6	-	1330	-	*
Pembroke (St. Ann's H.)	cbc	bov	bbc	bbc	58	51		—	-	—	-	10.7
Ross-on-Wye	ocbc	pprlrtir	rbcv	bv	65	42	40	10	1	1330	<2100	2.5
Leafield	bc	coc	codc	bc	66	44	44	—	-	—	-	8.6
Andover	c	cbc	cbcb	b	66	44	43	—	-	—	-	8.5
S. Farnborough	bbccy	cybcc	cbcc	bc	73	45	40	—	-	—	-	11.9
London (Kew Obsy.)	bwbcy	bccy	bcycw	cwbwm	71	51	44	—	-	—	-	11.9
Croydon	bcy	bc	ocbw	bbcw	69	51	43	—	Trace	—	-	11.7
Clacton-on-Sea	bcy	bcyc	cbc	bcy	69	51	49	—	-	—	-	11.7
Shoeburyness	bby	byb	b	b	70	45	*	—	-	—	-	13.6
Felixstowe	bby	bybc	cb	bbcw	70	52	49	—	-	—	-	11.4
Lympne	byv	bcyv	bw	bbccw	67	47	34	—	-	—	-	12.9
Scilly (St. Mary's)	oc	bcb	b	bcc	63	52	.	—	-	—	-	9.5
Falmouth (Pendennis)	coR	corbc	bc	bc	62	51	.	12	-	0900	-	6.9
Plymouth (Cattewater)	opcorr	ornbc			63			2		1100		
Portland Bill	b-bc	b-bc	c	bbc	59	54	.	—	-	—	-	
Southampton (Calshot)	b-bc	bbc	bcbwbw	bwbcwb	62	51	48	—	-	—	-	14.5
Dungeness	b-bc	b-bc	bbc	bbc	63	48	.	—	-	—	-	
Guernsey	bcb	bcc	corcbc	b	61	51	.	—	0.1	—	<2100	.

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	21st 0910	CAMBRIA	SW	3	bv	55	58
1	" 1100	IBEX	WSW	2	b	54	56
3	22nd 0200	ARUNDEL	-	0	b	55	54

GENERAL INFERENCE.

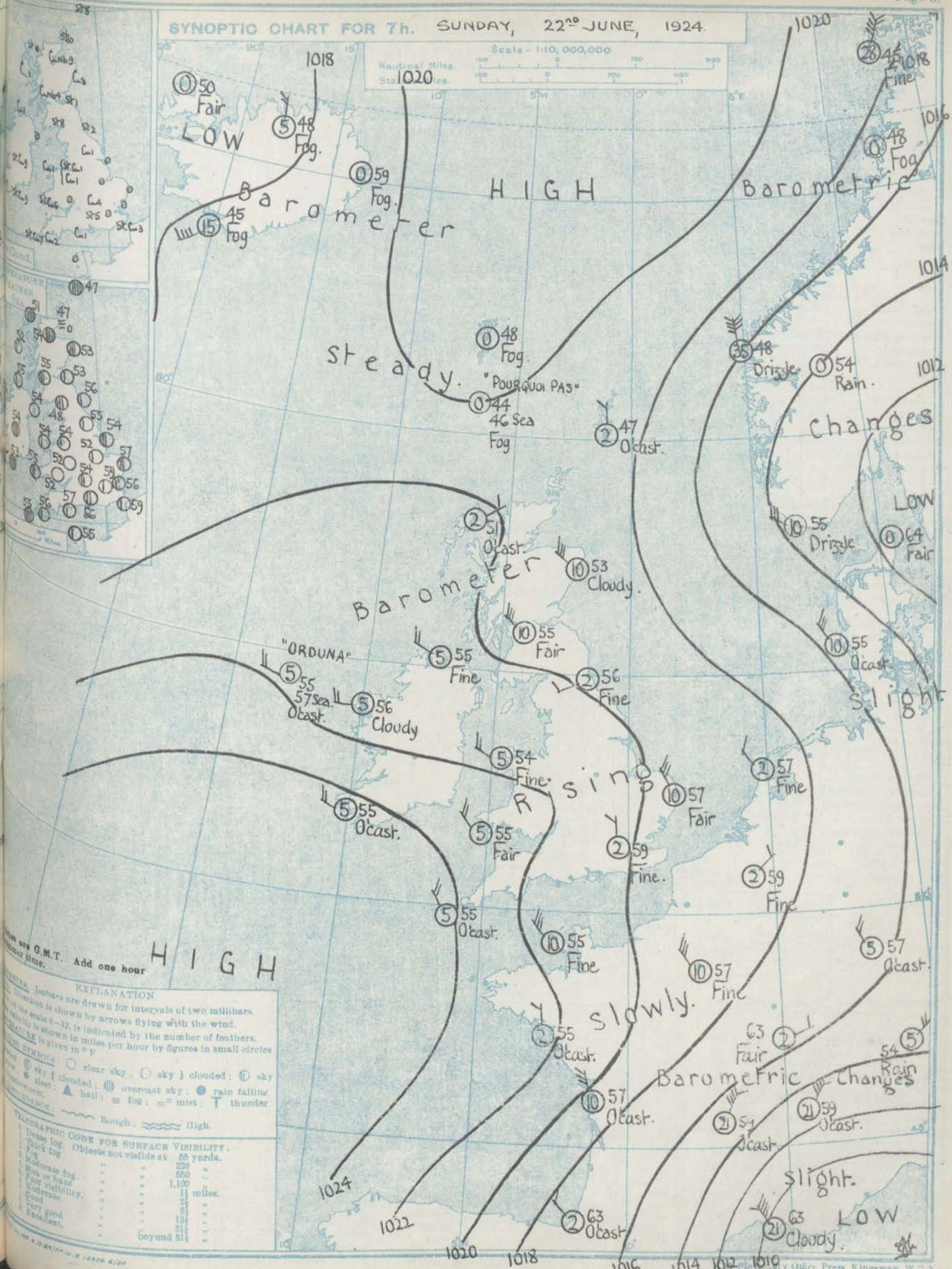
An anticyclone off southwest Ireland is spreading northeast. Winds will be mainly west to northwest, light or moderate, with mainly fair and rather warm weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 22nd, June, 1924.	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	Wind W to N.W., light or moderate, fair generally, visibility good apart from mist locally in early morning, rather warm.	Mainly fair and rather warm weather for a day or two, perhaps longer in southern England.
11. E. Scotland 12. S.W. Scotland	Wind light, northerly or variable; cloudy to fair, some mist or fog locally; temperature moderate to rather warm.	
13. Isle of Man	As 1 - 10.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	As 11 - 12.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind westerly, light or moderate; mainly fair; visibility good apart from mist locally at times; rather warm.	

S.C.K.

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

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. SUNDAY, 22nd JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
HIGH
Barometer
Steady.
"POURQUOI PAS"
"ORDUNA"
Barometric
Changes
Slight
Rising
slowly.
Barometric Changes
Slight.
LOW
1024
1022
1020
1018
1016
1014
1012
1010

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Sunday 22nd June.....1924. No. 174...

Observations at 0100 G.M.T. 22nd

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1019.8	0	NE	1	qF	48	97	6	800	St	3	A St	10
Stornoway ...	51	1019.4	0	SW		b	*	*	5	*	*	*	*	*
Wick	81	1018.2	0	NNE	1	ffo	46	97	3	<150	St	10	-	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	81	1019.4	+1	-	0	b	51	85	8	4000	Cu	1	-	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1017.4	+1	W	2	b.	50	97	7	*	St	2	Ci St	3
Lenchars	34	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth ...	118	1016.4	0	-	0	b	49	92	6	800	St	2	-	2
Blacksod Point ...	10	1020.2	+1	-	0	c	54	94	7	*	*	*	*	8
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1019.3	+1	-	0	b.	51	94	8	1500	Cu	2	-	2
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head ...	26	1018.6	0	WNW	4	bc+	55	92	7	4000	St Cu	2	A Cu	5
Birmingham (Edgbaston)	325	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1019.4	+1	WNW	2	c	53	92	6	2500	St	4	-	4
Gorleston	13	1016.6	0	WNW	2	b-	54	85	7	-	-	0	Ci Cu	1
Valencia (Cabirciveen)	39	1020.4	+4	WNW	3	c+	54	92	9	*	Cu Nb	8	-	8
Roches Point ...	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1020.8	+2	W'N	2	bc	52	85	8	2500	St Cu	3	-	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	239	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	55	*	*	*	*	*	*	*
Croydon	344	1019.5	0	W'N	1	b.	51	92	8	-	-	0	Ci	1
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1018.8	0	NW	1	b	49	92	8	-	-	0	Ci	3
Scilly (St. Mary's) ...	131	1021.9	0	NW	3	b	53	92	8	4000	Cu	2	-	2
Falmouth (Pendennis)	209	1021.6	+1	NNW	2	b	52	92	8	5400	St Cu	2	-	2
Plymouth (Cattewater)	62	-	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill ...	19	1019.4	0	NW	1	b-	54	95	7	-	-	0	-	0
Southampton (Calshot)	12	1019.7	0	W	2	b	52	94	8	-	-	0	A Cu	2
Dungeness	21	1019.4	0	WSW	2	b	52	94	7	-	-	0	Ci St	1
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-8
Lerwick	1019.1	0	N	1	o	47	97	6	800	St	8	A St	10	0
Stornoway ...	1020.2	+2	NE	1	o	51	92	7	450	St	10	-	10	0
Wick	1019.2	+1	NNE	1	ffo	47	97	1	<150	St	10	-	10	0
Castlebay	1020.6	+1	NW	4	b	52	85	8	4000	Cu	1	-	1	7
Nairn	1019.5	*	-	0	o/r	54	92	4	1500	Cu Nb	9	-	9	*
Aberdeen	1018.8	+2	NW	3	o	53	85	4	1500	Cu	8	-	8	0
Malin Head	1020.9	+1	WNW	2	b	55	85	8	2500	Cu	1	Ci Cu	2	0
Renfrew	1019.9	+3	NW	3	bc	55	85	8	4000	Cu Nb	4	A Cu	6	*
Edinburgh (Inchkeith)	1019.2	+1	WSW	2	b	48	97	6	*	St	1	-	1	0
Lenchars	1018.4	+2	W	3	b	53	75	8	-	-	0	-	0	8
Eskdalemuir ...	1020.1	+1	-	0	c/f	48	97	6	450	St	8	-	8	*
Tynemouth ...	1019.9	+1	SW	1	b	56	75	6	800	St	2	-	2	*
Blacksod Point ...	1021.2	+2	W	2	c	?	92	9	*	*	*	*	7	1
Donaghadee	1021.0	+2	W	2	b-	54	85	8	-	-	0	-	0	3
Birr Castle	1022.5	*	W	1	o+	54	97	6	*	*	*	*	9	*
Holyhead	1021.9	+3	WNW	2	b	54	85	8	1500	St Cu	1	-	1	3
Liverpool (Bidston) ...	1021.8	+2	WSW	3	b+	54	85	9	2500	St Cu	2	-	2	*
Chester (Shotwick) ...	1021.0	+3	WNW	3	b	58	75	9	2000	Cu	2	-	2	*
Harrogate	1020.3	+1	W'S	3	b	55	75	8	5400	Cu	1	-	1	1
Spurn Head ...	1020.9	+4	NW	3	bc	54	85	7	-	-	0	A Cu	0	*
Birmingham (Edgbaston)	1022.0	+3	NW	2	b	54	75	6	-	-	0	-	0	0
Cranwell	1021.2	+1	NW	3	b-	52	85	6	-	-	0	A Cu	4	0
Gorleston	1019.4	+1	NNW	3	bc	54	85	6	-	-	0	Ci	0	3
Valencia (Cabirciveen)	1020.0	+3	W'N	2	o	55	85	6	800	St Cu	7	A St	9	0
Roches Point ...	1021.7	+3	NW	1	o	53	85	8	1500	St Cu	9	-	9	0
Pembroke (St. Ann's H.)	1022.8	+4	NW	2	bc	55	85	5	2500	St Cu	3	-	3	*
Ross-on-Wye	1021.8	+2	SW	1	b	52	85	9	-	-	0	-	0	*
Leafield	1021.4	+2	SW	1	bc.	54	75	7	4000	Cu	4	-	4	*
Andover	1021.4	+2	NNE	3	b	56	75	8	2500	St	2	A Cu	3	0
S. Farnborough ...	1020.3	+2	N	3	bc+	56	85	6	1500	St	6	-	6	*
London (Kew Obsy.) ...	1021.2	+3	N	1	b	59	85	6	-	-	0	Ci	1	*
Croydon	1021.1	+3	N'W	1	bc+	54	85	6	1500	St	4	-	4	*
Clacton-on-Sea ...	1019.9	+2	NW	3	bc	56	92	6	-	-	0	Ci	3	0
Shoeburyness	1021.0	+2	NW	3	b	60	75	7	-	-	0	Ci	6	0
Felixstowe	1019.9	+2	NW'N	1	bc+	56	92	6	-	-	0	A Cu	7	*
Lympne	1019.4	+2	N	2	c	59	85	6	-	-	0	A St	9	1
Scilly (St. Mary's) ...	1024.0	+2	NW	2	o+	53	97	8	4000	St Cu	4	-	2	0
Falmouth (Pendennis)	1023.5	+2	NW	2	b	56	85	8	5700	Cu	2	-	1	3
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	-	1	0
Portland Bill ...	1020.4	+2	NW	3	b	54	65	4	4000	Cu	1	A Cu	3	3
Southampton (Calshot)	1021.2	+3	NNW	3	b-	56	85	8	-	-	0	Ci	2	2
Dungeness	1020.3	+1	NE	2	b	59	75	7	-	-	0	Ci St		
Guernsey	1021.9	+2	NW	3	b	55	85	8	-	-				

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...21st

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 20-21 °F	Temperature. Max. Day. 21 °F	Rainfall.† Night 17h.-9h. 20-21 mm.	Rainfall.† Day 9h.-17h. 21 mm.	Sunshine. Sunrise to 17h. 21 hr.	Sunshine. Sunrise to Sunset. 20 hr.
Berwick-on-Tweed	bzbb	bqprb	44	56	—	0.3	6.5	8.8
Douglas (Io M) ...	b	b	50	58	3	—	10.2	13.0
Llandudno	cbcb	bc	51	62	5	—	6.6	9.0
Colwyn Bay ...	rb	cb	53	59	6	—	6.0	11.5
Rhyl	cbcbc	bcb	48	62	0.6	0.1	9.7	12.6
Southport	rtorc	b	50	60	1	0.2	6.7	11.3
Blackpool								
Ilkley	bcbbb	bcpbb	44	67	—	0.1	6.6	7.9
Skegness	bc	bbc	46	69	—	—	11.2	4.5
Aberystwyth ...	rmob	bbc	?	59	4	1	?	13.5
Bath	bcb	bcor	43	67	—	6	5.0	7.7
Leamington Spa ...	bc	bcop	45	68	—	—	7.3	9.8
Lowestoft	b	b	53	65	1	—	12.0	1.0
Felixstowe	b	bz	54	69	17	—	10.6	3.8
Harwich & Dovercourt..	b	bc	52	72	10	—	10.5	3.9
Southend	b	b	51	74	—	—	11.5	1.5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 20-21 °F	Temperature. Max. Day. 21 °F	Rainfall.† Night 17h.-9h. 20-21 mm.	Rainfall.† Day 9h.-17h. 21 mm.	Sunshine. Sunrise to 17h. 21 hr.	Sunshine. Sunrise to Sunset. 20 hr.
Ilfracombe	cdb	cb	52	60	—	—	6.3	12.2
Bude	rocrc	bcbc	51	61	1	0.2	6.3	11.7
Paignton	cbc	bccp	50	64	Trace	0.3	5.7	10.8
Torquay	b	cpco	52	65	0.1	1	5.1	9.6
Jersey	bc	c	51	68	—	—	8.5	11.0
Weymouth	cb	cb	48	60	—	—	9.0	7.4
Bournemouth ...	b	b	45	65	0.3	—	11.0	9.5
Portsmouth (S'thsea)	b	b	49	66	—	—	12.0	11.8
Littlehampton ...	bc	bc	46	61	—	—	12.1	12.0
Worthing	b	b	47	64	—	—	12.2	9.5
Brighton	b	b	50	64	—	—	12.4	5.3
Eastbourne	b	b	52	63	—	—	12.6	
Hastings	b	b	49	65	—	—	12.6	4.1
Folkestone	b	b	52	68	—	—	11.9	0.0
Dover	bbc	bbc	53	64	—	—	11.5	11.0
Tunbridge Wells ...	b	b	46	68	—	—	12.0	2.1
Ramsgate	bc	bcc	52	69	—	—	8.1	1.9
Margate	bcb	bbc	54	69	—	—	11.6	2.9
Deal	bcc	bcc	51	69	—	—	6.2	1.8

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 for these columns not usually received. + Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22859 MONDAY 23RD JUNE 1924.

STATIONS. (For heights see p.4).	Observations at 1300 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.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Observations at 1800 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.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Rainfall Day mm.	Rainfall Night mm.
Lerwick	1019.5	+2	NNE	1	c	52	85	6	5700	StCu	6	aCu	8	•	1019.9	+1	N'W	1	o	51	85	6	2500	St	10	-	10	0	
Stornoway	1021.0	+1	ENE	4	bc	56	85	8	4000	Cu	3	aCu	5	•	1021.2	0	S	2	c	53	85	8	4000	Cu	7	-	7	1	
Wick	1020.1	+1	NNE	1	o	48	97	8	800	St	10	-	10	•	1020.9	+2	NNE	1	c	49	92	8	4000	StCu	8	-	8	0	
Castlebay	1021.6	0	NW	3	c	57	75	8	-	-	0	aCu	7	•	1021.3	0	S	3	o	55	75	8	-	-	0	aCu	9	2	
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.3	•	ENE	1	bc-	54	85	8	4000	Cu	6	-	6	•	
Aberdeen	1019.8	+2	NW	3	c+	58	75	8	1500	Cu	7	-	7	0	1021.0	+1	SE	3	bc-	57	85	6	2500	Cu	4	-	4	0	
Malin Head	1022.0	+1	NW	2	c	55	75	8	2500	Cu	3	Ci St	7	•	1021.8	0	E	2	c	54	85	8	5700	StCu	7	-	7	0	
Renfrew	1020.6	+1	NW	3	c	63	65	8	5700	Cu	6	aCu	7	0	1021.2	+1	W	3	o+	61	65	8	5700	StCu	3	aCu	9	•	
Edinburgh (Inchkeith)	1019.8	0	W	1	c+	58	65	8	•	Cu	4	Ci St	7	•	1019.4	-2	WSW	3	c	61	65	8	•	-	0	aCu	7	1	
Leuchars	1019.7	+1	ESE	2	cpr	58	65	8	4000	StCu	8	-	8	5	1020.4	+1	E	3	c	55	85	7	4000	CuNb	5	Ci	8	•	
Eskdalemuir	1020.2	+1	W	2	c	61	65	8	4000	StCu	8	-	8	0	1020.8	+1	W	3	o+	60	65	8	4000	Cu	1	Ci Cu	9	•	
Tynemouth	1020.8	+1	SE	1	bc+	59	75	6	1500	CuNb	6	-	6	•	1020.8	0	SE	2	bc-	57	75	6	1500	CuNb	4	-	4	0	
Blacksod Point	1021.9	0	W	2	o	54	85	9	•	•	•	•	10	•	1021.0	-1	SW	2	o	53	92	8	•	•	•	•	9	1	
Donaghadee	1022.3	0	-	0	bc+	58	75	8	800	StCu	3	aCu	4	•	1022.0	0	SSE	3	C+	55	85	8	1500	StCu	8	•	8	3	
Birr Castle	1023.1	•	SE	1	o	54	85	7	4000	StCu	9	-	9	•	1023.0	•	N	2	C-	60	75	7	2500	Cu	8	-	8	•	
Holyhead	1023.0	0	NW	1	p	57	75	9	4000	Cu	1	aCu	3	0	1023.7	+1	SW'S	3	o+	58	75	9	-	-	0	aCu	9	1	
Liverpool (Bidston)	1023.0	+1	WNW	2	p	59	65	8	4000	StCu	2	Ci	3	•	1023.4	0	WNW	2	c+	57	75	8	4000	St	3	Ci Cu	7	3	
Chester (Shotwick)	1022.3	+2	NW'W	5	bc	61	65	8	4000	Cu	2	Ci Cu	5	0	1023.2	+1	NW	5	o+	58	75	8	4000	Cu	1	aCu	9	•	
Harrogate	1020.6	0	W'S	3	bc	66	55	8	5700	Cu	4	-	4	·*	1022.0	+1	W'S	3	bc+	62	55	8	5700	Cu	1	Ci	6	•	
Spurn Head	1020.4	+1	ESE	2	bc	58	75	7	4000	Cu	6	-	6	·*	1020.6	+1	SE	2	bc	58	85	7	2500	StCu	6	-	6	•	
Birmingham (Edgbaston)	1021.7	+1	WNW	3	bc	65	55	8	5700	Cu	4	-	4	2	1022.0	+1	NNW	3	c	64	55	8	5700	Cu	7	Ci	8	•	
Cranwell	1021.4	0	W'N	3	c	65	65	8	4000	Cu	7	-	7	0	1021.9	+1	NW	3	c+	64	65	7	4000	Nb	7	Ci St	8	•	
Gorleston	1020.9	+3	NNE	4	b-	61	65	7	5700	Cu	2	-	2	•	1021.7	+1	E'N	1	b	61	65	7	-	-	0	-	0	0	
Valencia (Cahirciveen)	1025.4	+1	WSW	2	orr	55	85	6	1500	St	10	-	10	1	1024.0	-2	S	3	orr	54	85	7	1500	St	10	-	10	3	
Roches Point	1025.1	0	S	1	o	57	85	8	2500	StCu	10	-	10	•	1025.5	0	W'S	2	orr	55	92	8	2500	StCu	2	aSt	10	0	
Pembroke (St. Ann's H.)	1023.7	0	NW	1	bc	56	85	8	4000	Cu	2	Ci St	6	•	1024.6	+2	W	1	c	56	85	8	-	-	0	Ci St	7	3	
Ross-on-Wye	1022.0	+1	N	1	bc	65	55	9	4000	Cu	4	Ci St	5	1	1022.2	+1	NNW	2	c	68	55	9	4000	Cu	4	Ci Cu	7	•	
Leafield															1022.4	+1	NNW	2	bc	64	65	9	4000	Cu	3	aCu	5	•	
Andover	1021.8	+1	NW	2	c	67	55	7	4000	CuNb	7	-	7	0	1022.3	+1	NNW	1	c	67	55	8	4000	Cu	3	Ci	7	•	
S. Farnborough	1021.3	+1	NNW	3	bc-	68	55	8	4000	Cu	6	-	6	0	1021.9	+1	NW	3	b	67	55	8	4000	Cu	1	Ci	3	•	
London (Kew Obsy.)	1021.8	+1	NW	2	bc	67	45	8	5700	Cu	4	Ci St	5	0	1022.1	+1	WNW	1	b	71	45	8	4000	Cu	2	Ci	3	•	
Croydon	1021.0	0	NNW	2	c+	67	55	7	4000	Cu	8	-	8	0	1021.6	+1	N'W	2	c+	67	45	8	4000	Cu	7	Ci	8	•	
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	+2	ENE	3	bc-	63	65	7	-	-	0	aCu	4	1	
Shoeburyness	1021.3	+1	N	1	o+	66	55	8	4000	Cu	9	-	9	•	1022.5	+2	W	2	b-	61	75	7	-	-	0	Ci St	2	•	
Felixstowe	1021.3	+1	ESE	2	o+	63	85	7	5700	CuNb	8	-	9	0	1022.1	+1	NE'E	3	b-	60	65	8	5700	StCu	1	-	1	0	
Lympne	1020.9	+1	-	0	opr	61	75	7	2500	CuNb	8	aSt	9	1	1021.7	+1	SE'E	1	o	60	85	6	4000	Cu	7	aCu	9	•	
Scilly (St. Mary's)	1025.4	+1	NW	2	c⊕	61	75	8	4000	Cu	2	Ci St	8	•	1025.8	0	NW	2	o	58	85	8	4000	Cu	4	aCu	9	1	
Falmouth (Pendennis)	1024.6	+1	NW	1	b	61	65	8	5700	Cu	2	-	2	•	1026.0	+1	NW	2	bc+	57	75	8	5700	StCu	5	-	5	0	
Plymouth (Cattewater)	1023.4	+1	N	3	o+	62	65	8	4000	Cu	1	aCu	9	0	1024.6	+1	NNW	4	c⊕	60	65	8	4000	Cu	1	Ci St	7	0	
Portland Bill	1022.0	+2	W	2	bc+	61	75	7	4000	Cu	3	Ci St	5	•	1022.6	0	W	2	c+	60	65	7	4000	Cu	3	Ci St	7	3	
Southampton (Calshot)	1022.1	+1	N'E	3	bc	64	55	8	4000	Cu	4	-	4	0	1022.6	+1	NNW	2	c	68	45	8	-	-	0	Ci St	7	0	
Dungeness	1020.9	+1	S	2	o+	60	85	6	4000	StCu	10	-	10	•	1022.0	+1	SSE	1	o	60	97	6	4000	StCu	7	aSt	10	1	
Guernsey	1023.3	+3	WNW	3	b	60	75	8	-	-	0	aCu	2	•	1023.6	+1	NNW	4	c+	60	85	8	-	-	0	Ci	7	1	

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 HOURS ENDED 0900 G.M.T. 23rd								YESTERDAY.		TO-DAY.	
Kew } 24 hours ended 0700	18	bwmbcybcyb	bybmw		•	•	41	-	-	12.2	•	•	6
Croydon } 24 hours ended 0700	244	bcyc	cbcy	ycbcnb	•	•	42	-	-	8.9	•	•	6
Greenwich (Royal Obsy.)	149	bcc	cv	cbz	71	47	?	-	-	6.2	49	60	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	9.4	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	71	53	48	-	-	10.2	37	62	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	10.8	•	•	•
Camden Square	110	cb	bcc	•	73	52	46	-	-	•	•	52	•
Kensington Palace	80	obc	bc	•	71	•	43	-	-	•	(At 18h 44	56 53	•
Hampstead Observatory	450	•	•	•	70	54	44	-	-				•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 22nd

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11h 59m 21 h. 45 m. to 13h 59m 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4.30	4.30	100
δ Ursae Minoris	4.30	4.25	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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per ½ sec.	Siren.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
24h.	-	-	-	-
00h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

23rd to 24th JUNE, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32	11.56	8.19
	3.32	11.56	8.15
Greenwich	3.40	12.2	8.19
	3.46	12.2	8.19
Wick	3.8	12.14	9.20
	3.8	12.14	9.20
Valencia	4.20	12.42	12.43
	4.20	12.42	12.43

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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

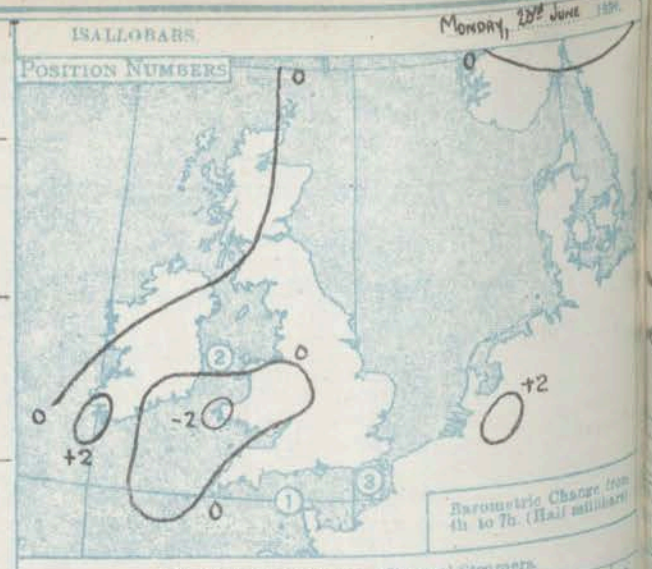
SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
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

§ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. ‖ For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22nd	13h.-18h. 22nd	18h. 22nd to 1h. 23rd	1h.-7h. 23rd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 22nd Hours.
Lerwick	0mc	co	⊕	o	54	45	•	-	-	-	-	1.2
Stornoway	b-bc	c	bbc	oo	57	44	•	-	-	-	-	5.1
Wick	F.f.o.	oo	c	oo	51	47	•	-	-	-	-	•
Castlebay	bc	co	op	opo	58	53	•	-	trace	-	-	8.8
Nairn	ocgbc	bctgc	cgw	cg	58	43	•	-	-	-	-	4.6
Aberdeen	ozkcc	c.o.c	co	o	60	48	45	-	•	-	-	5.7
Malin Head	bc.c.o	c.o	cor.	cor.	57	51	•	-	1	-	2400	5.5
Renfrew	bc.c.	c.o	oo	omw	65	50	45	-	-	-	-	5.9
Edinburgh (Inchkeith)	bc	c	c	c	64	50	45	trace	-	-	-	12.8
Leuchars	b.bc	cpoc	copr.	oo	63	48	42	0.1	0.3	1230	<2100	11.5
Eskdalemuir	c.bccoc	c.bcco	oco	obbcc	66	42	39	-	-	-	-	7.1
Tynemouth	b-bc	bc	bbc	bbc	63	52	47	-	-	-	-	•
Blacksod Point	c.o	cp	ppc	mfc	60	50	•	1	2	-	-	•
Donaghadee	bc	c	o	o	60	53	•	-	-	-	-	•
Birr Castle	co	co	co	copr.	62	52	51	-	0.1	-	0530	0.7
Holyhead	b.bc	bc	c	oo	61	53	52	-	-	-	-	12.3
Liverpool (Bidston)	b.bc	b.bc	om		61	52	49	-	-	-	-	12.2
Chester (Shotwick)	b.bcq	bcq/co	occ	cco	63	47	41	-	-	-	-	13.2
Harrogate	b-bc	b-bc	bbc		67	47	41	-	-	-	-	13.1
Spurn Head	b-bc	c	c	cbc	61	52	•	-	-	-	-	12.4
Birmingham (Edgbaston)	bc.b	bcc	c	c	69	50	38	-	-	-	-	10.3
Cranwell	b.bc.c	c	c	ocbc	68	46	40	-	-	-	-	10.3
Gorleston	bc.bq	bq/b	b	bcb	64	50	44	-	-	-	-	14.0
Valencia (Cahirciveen)	c.oor	or.o.or	ordm	ordm	58	53	51	4	2	0900	<2100	2.0
Roches Point	oo	or.	r.o	ofc	60	54	•	0.3	0.6	1730	<2100	
Pembroke (St. Ann's H.)	b-bc	c	c	c	59	53	•	-	-	-	-	10.3
Ross-on-Wye	bv.bcv	bcvy	cvov	cuwocv	68	50	46	-	-	-	-	12.8
Leafield	c	bc	bc	c	61	48	41	-	-	-	-	13.1
Andover	bc.cy	cy bcy	cbc	bc	68	46	45	-	-	-	-	12.4
S. Farnborough	bc.c.bcy	bcy by	byb	bc	73	46	42	-	-	-	-	11.4
London (Kew Obsy.)	bwnbbq	bcy by	bybcbw	bwbmw	71	51	41	-	-	-	-	12.2
Croydon	bcy.c	c.bcy	ycbcw	cbw	70	48	42	-	-	-	-	8.9
Clacton-on-Sea	bccz	cbc	bc	bcbzw	68	50	45	-	-	-	-	9.0
Shoeburyness	c	b	b	b	69	44	•	-	-	-	-	8.9
Felixstowe	c.b.bco	opr.b	bb	bwz	68	50	45	trace	-	1530	-	9.2
Lympne	cpr	o.cpr	ocbcb	b	64	47	45	trace	-	1100	-	5.5
Scilly (St. Mary's)	c.bc	c.o	bcco	oo	62	52	•	-	-	-	-	7.1
Falmouth (Pendennis)	bc	bc	bc	bcc	62	53	•	-	-	-	-	10.4
Plymouth (Cattewater)	bc.c.o	o.cbgco	oco	ow	64	51	•	trace	-	0900	-	11.8
Portland Bill	b-bc	b-bc	c	c	63	54	•	-	-	-	-	•
Southampton (Calshot)	b.bcy	bcy.c	cybcc	bcwb	69	52	49	-	-	-	-	13.8
Dungeness	c	oo	c	bbc	68	47	•	-	-	-	-	•
Guernsey	b.	b.bc	cbc	bccbc	62	52	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	[illegible]
2	22nd 0900	Cambria	NNW	3	b	55	55	6
3	23rd 0200	Brighton	-	0	b	56	55	8

GENERAL INFERENCE.

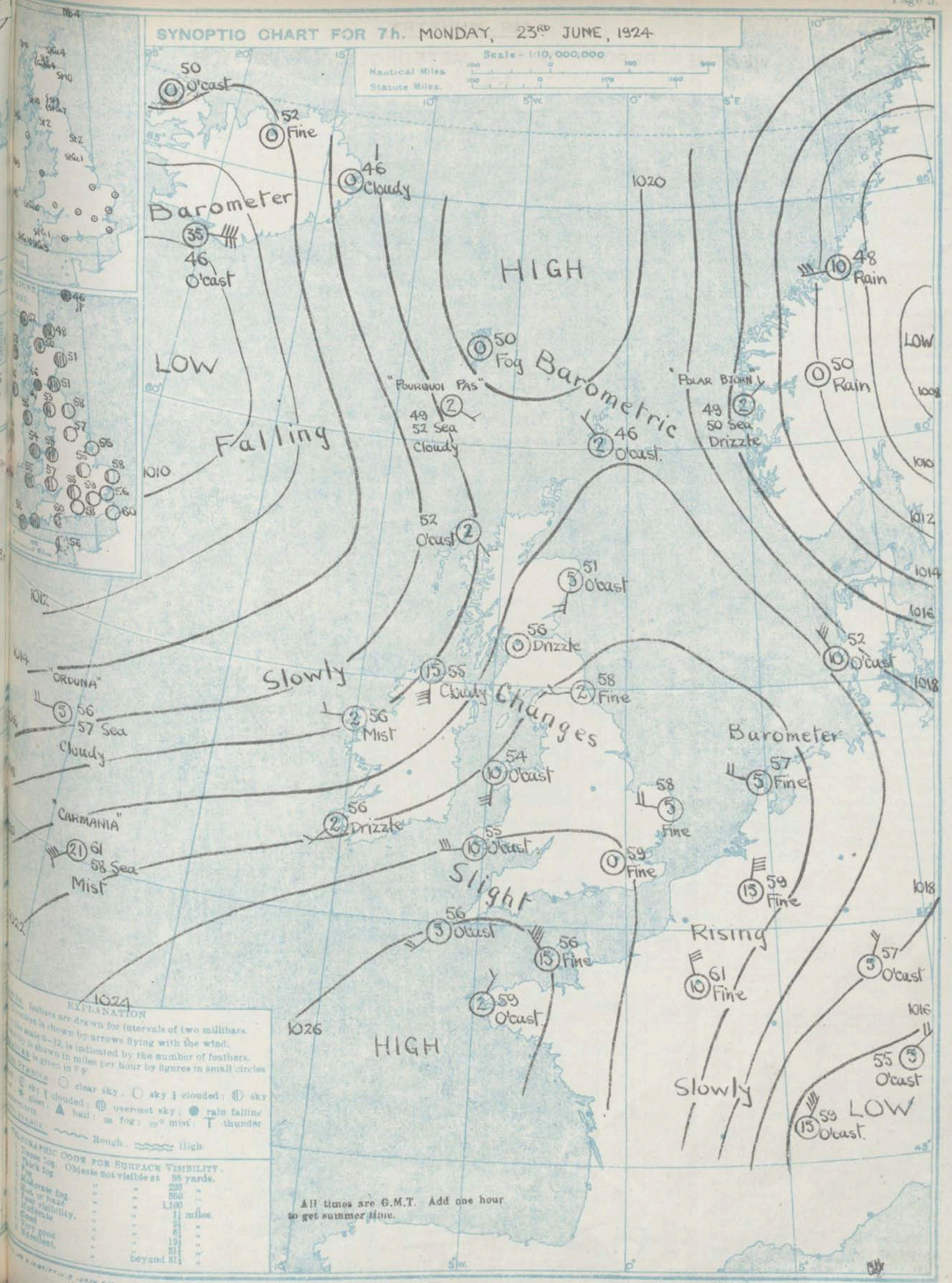
A depression far to the northwest of Scotland will cause southwesterly winds over the British Isles with much cloud and occasional slight rain in Scotland, Ireland and the extreme northwest of England but fair warm weather elsewhere.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 23rd June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind between W. and S.W., light to moderate; fair; misty at times; warm.	Mainly fair in the south and east of England.
5. S.W. England	Wind S.W., light to moderate; mainly fair, but dull at times; mist locally; moderate temperature to rather warm.	
6. South Wales 7. North Wales	Wind S.W., light to moderate, tending to increse; cloudy, occasional slight rain locally; some mist; moderate temperature.	
8. N.W. England 9. N. Midlands	As 5.	
10. N.E. England	As 1 - 4.	
11. E. Scotland	As 5.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	Wind S. to S.W., moderate to fresh; much cloud, some rain; visibility moderate; moderate temperature.	
16. Orkneys and Shetlands	Wind indefinite to S.W., light; mainly fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 12 - 15.	
19. S.E. Ireland 20. S.W. Ireland	As 6 - 7.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0850 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

SYNOPTIC CHART FOR 7h. MONDAY, 23RD JUNE, 1924



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday 23rd June 1924. No. 175

Observations at 0100 G.M.T. 23rd

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	64	1020.1	0	NNW	1	0	47	83	6	5700	StC	4	A St	10
Stornoway	51	1021.7	0	–	0	b-	•	•	6	•	•	•	•	•
Wick	81	1021.5	0	SSW	1	0	48	97	8	4000	StC	4	A St	6
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1020.8	−2	S	2	or	53	85	8	4000	StC	9	–	9
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	?	+2	NE	1	bc	58	75	8	•	St	3	CiC	6
Leuchars	39	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1021.7	0	SW	1	b	53	85	6	800	St	3	–	3
Blacksod Point	10	1018.0	−2	SW	4	obr	55	92	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1023.4	0	SW	3	o+	54	92	8	5700	StC	5	AC	9
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1022.4	+1	NNW	4	c	55	85	7	4000	Cu	3	AC	7
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1023.6	+1	W	2	0	50	92	6	4000	St	4	AC	9
Gorleston	13	1022.5	0	W'S	2	b+	53	85	7	–	–	0	AC	3
Valencia (Cahirciveen)	30	1025.8	−3	S	2	d.d	55	97	6	•	Nb	5	–	5
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1025.1	+1	W	2	c	53	85	8	4000	StC	8	–	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	57	•	•	•	•	•	•	•
Croydon	244	1023.8	+1	SW'W	1	c+	50	92	7	–	–	0	CC	8
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1022.9	+1	NW	1	b	50	85	7	–	–	0	–	0
Scilly (St. Mary's)	131	1026.5	+1	NW	2	0	54	92	8	4000	Cu	6	A St	9
Falmouth (Pendennis)	209	1026.4	+1	NW	1	bc	53	92	8	5700	StC	4	–	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1024.1	0	NW	3	c-	55	85	7	4000	StC	7	–	7
Southampton (Calshot)	12	1024.1	+1	W'N	1	c+	55	85	8	–	–	0	AC	8
Dungeness	21	1023.2	+1	–	0	b-	52	85	7	–	–	0	–	0
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1019.7	0	NW	1	ojp	46	92	7	4000	Nb	4	A St	10
Stornoway	1018.6	−1	SE	1	0	52	92	6	800	St	10	–	10
Wick	1019.1	−1	SSW	1	0	48	97	8	4000	StC	4	A St	10
Castlebay	1017.8	−1	ESE	4	0	53	92	7	1500	St	10	–	10
Nairn	1020.1	•	–	0	c	50	92	8	1500	CuNb	7	–	10
Aberdeen	1021.7	0	SSW	2	0	51	92	6	1500	St	10	–	8
Malin Head	1018.0	−1	S	4	c/r	55	85	8	1500	St	6	AC	10
Renfrew	1020.8	−1	–	0	od.	56	85	5	4000	St	10	–	10
Edinburgh (Inchkeith)	1021.3	+1	NE	2	o+	51	92	8	•	StCu	10	–	10
Leuchars	1021.1	0	E	2	0	53	85	6	450	Nb	7	A St	8
Eskdalemuir	1021.8	0	–	0	c.	53	85	7	1500	St	2	ACu	2
Tynemouth	1022.2	0	W	1	b	58	75	6	1500	St	2	–	2
Blacksod Point	1017.8	−1	W	1	mo-	56	97	5	•	•	•	•	10
Donaghadee	1020.5	0	SW	3	c-	55	92	8	–	–	0	A St	7
Birr Castle	1020.3	•	S	1	o+	56	92	6	1500	Nb	9	–	9
Holyhead	1022.4	0	SSW	3	0	54	92	8	–	–	0	A St	10
Liverpool (Bidston)	1022.9	0	S'W	1	0	58	75	6	–	–	0	C St	9
Chester (Shotwick)	1022.7	−1	SSE	2	o+	58	85	6	5700	StCu	5	ACu	9
Harrogate	1022.3	0	SW	2	b-	57	65	8	5700	StC	1	–	10
Spurn Head	1022.8	+1	NNW	2	b	56	85	6	–	–	0	–	7
Birmingham (Edgbaston)	1023.9	0	SW	1	c-	56	75	7	–	–	0	ACu	5
Cranwell	1023.6	0	W	3	bc	56	85	6	–	–	0	A St	1
Gorleston	1022.5	0	NNW	2	b	58	75	6	–	–	0	Cu	0
Valencia (Cahirciveen)	1022.2	+2	SW	1	od.	56	97	5	<150	St	10	–	10
Roches Point	1023.7	−1	W'S	1	0	57	97	5	800	St	10	–	10
Pembroke (St. Ann's H.)	1024.2	−3	W	3	0	55	85	8	2500	StCu	10	–	8
Ross-on-Wye	1023.8	0	–	0	c	57	75	9	–	–	0	ACu	8
Leafield	1023.6	0	W	2	c-	58	75	7	–	–	0	ACu	5
Andover	1024.0	0	WNW	1	bc	58	75	8	–	–	0	ACu	3
S. Farnborough	1023.0	+1	N	1	b	58	85	7	–	–	0	ACu	1
London (Kew Obsy.)	1024.0	+1	–	0	b	59	75	6	–	–	0	Cu	0
Croydon	1023.8	0	–	0	b	59	85	6	–	–	0	–	0
Clacton-on-Sea	1023.3	0	WNW	1	b	56	85	6	–	–	0	–	0
Shoeburyness	1023.8	0	WNW	1	b	61	65	6	–	–	0	Cu	1
Felixstowe	1023.3	0	WNW	1	b	59	75	6	–	–	0	CSt	3
Lympne	1023.2	0	W	1	b	59	75	6	–	–	0	–	0
Scilly (St. Mary's)	1026.0	−1	SW	2	0	56	92	8	4000	StC	10	–	10
Falmouth (Pendennis)	1025.3	0	W	1	0	54	92	8	5700	StC	9	–	9
Plymouth (Cattewater)	1025.4	+1	SW	1	0	55	55	7	2500	StC	1	AC	4
Portland Bill	1024.1	0	NW	1	bc	60	65	7	–	–	0	AC	2
Southampton (Calshot)	1024.3	0	NW	2	b	58	85	6	–	–	0	AC	0
Dungeness	1023.4	0	–	0	b	60	75	6	–	–	0	–	3
Guernsey	1025.5	+1	NW'N	4	b	56	85	8	–	–	0	Cu	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 21st-22nd °F	Temperature. Max. Day. 22nd °F	Rainfall.† Night 17h.-9h. 21st-22nd mm.	Rainfall.† Day 9h.-17h. 22nd mm.	Sunshine. Sunrise to 17h. 22nd	Sunshine. Sunrise to Sunset 21 hr.
Berwick-on-Tweed	b.bc.bb	b	46	58	–	–	9.5	9.1
Douglas (Io M)	b	b	49	64	–	–	12.4	11.7
Llandudno	b	bc	47	62	–	–	11.7	9.3
Colwyn Bay	bc	b	52	62	–	–	12.5	8.7
Rhyl	b	b	44	61	–	–	12.3	13.3
Southport	b	b	46	60	–	–	11.0	9.3
Blackpool	b	bc	48	61	–	–	11.5	8.8
Ilkley	bc.b	b	41	68	–	–	11.4	8.7
Skegness	b	b	50	71	–	–	11.4	12.0
Aberystwyth	c	b	47	61	–	–	9.0	8.5
Bath	b	b.bc	45	69	2	–	10.0	5.0
Leamington Spa	bc	bc.oc.b	49	69	0.4	–	9.5	7.3
Lowestoft	b	b	51	61	–	–	11.8	14.0
Felixstowe	b	o.c.bc	51	67	–	–	5.5	11.8
Harwich & Dovercourt	b	c.bc.b	52	72	–	–	7.9	10.6
Southand	b	b	54	73	–	–	6.3	13.3
Ilfracombe	c.bc	bc	50	59	–	–	9.9	9.8
Bude	o.bc	bc.c.bc	49	61	–	–	8.2	9.3
Paignton	bc.c	c.bc.c	56	67	1	–	7.8	5.7
Torquay	b	bc.c.bc	49	65	–	–	11.2	8.7
Jersey	bb	bc	49	68	1	–	11.0	10.2
Weymouth	b.bc	bc.c.	48	72	–	–	11.5	12.7
Bournemouth	b	b	47	71	–	–	10.6	13.3
Portsmouth (S'thsea)	b	b	52	72	–	–	8.0	12.8
Littlehampton	bc	bc	47	70	–	–	9.9	14.7
Worthing	b	bc	50	69	–	–	7.5	14.3
Brighton	b	c	53	68	–	–	6.5	15.3
Eastbourne	b.bc.c	c.o	51	68	–	–	5.3	15.5
Hastings	b.b.oc	c.ob.o	52	66	–	t	6.6	14.5
Folkestone	c	oc.bc	49	66	–	0.1	6.3	13.7
Dover	b.bc.c	c.o.b	51	65	–	–	8.0	14.1
Tunbridge Wells	b.bc	bc.c	47	71	–	–	11.6	8.1
Ramsgate	b	b	53	67	–	–	12.2	12.0
Margate	b	b	55	65	–	–	11.5	6.8
Deal	mb	bz	50	69	–	–		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22860 Tuesday 24th June 1924.

Observations at 1300 G.M.T. 23rd / Observations at 1800 G.M.T. 23rd

Observations at 1300 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1018.8	-1	NW	1	o	51	75	8	5700	St.Cu	10	-	10	•
Stornoway	1015.9	-3	SE	3	o	54	92	6	800	St.	10	-	10	•
Wick	1018.3	-2	SSE	2	o	49	97	7	1500	St.	10	-	10	•
Castlebay	1016.0	-1	SE	4	od₀d₀	53	97	3	800	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1019.8	-2	S	4	o	56	75	6	1500	St.Cu	9	-	9	0
Malin Head	1017.9	0	W	4	c/r	58	85	8	2500	Cu	7	-	7	•
Renfrew	1020.0	-1	SSW	1	o/r	57	92	6	1500	Nb	10	-	10	1
Edinburgh (Inchkeith)	1020.1	0	W	1	ojp	57	85	8	•	Cu	10	-	10	•
Leuchars	1019.6	-1	ENE	1	o	57	85	7	4000	St.Cu	8	ASt	10	0
Eskdalemuir	1021.3	0	S'W	5	ojp	55	85	7	7200	St.Cu	10	-	10	1
Tynemouth	1021.3	-1	SSE	1	c+	59	65	6	1500	Nb	8	-	8	•
Blacksod Point	1018.7	0	SW	2	bc	59	92	8	•	•	•	•	6	•
Donaghadee	1020.2	0	SW	3	c+	59	85	8	225	St	8	-	8	•
Birr Castle	1021.0	•	SW	1	c-	63	85	7	4000	Cu	7	-	7	•
Holyhead	1022.4	-1	S'W	4	o	56	92	9	225	St.	10	-	10	0
Liverpool (Bidston)	1022.8	-1	WSW	2	o	63	65	8	2500	St.	10	-	10	•
Chester (Shotwick)	1022.7	-1	SW	3	o+	65	55	8	2500	St.	10	-	10	0
Harrogate	1022.0	0	SW	2	o	64	65	6	225	St	9	A Cu	10	•
Spurn Head	1023.0	+1	ESE	3	bc+	59	75	7	5700	Cu	2	Ci	6	*
Birmingham (Edgbaston)	1023.2	-1	WSW	3	c	67	55	8	5700	Cu	7	Ci	8	1
Cranwell	1022.8	-2	SW	2	c	69	55	8	4000	Cu	4	Ci	7	0
Gorleston	1022.8	0	ENE	2	bc+	63	65	6	5700	Cu	5	-	5	
Valencia (Cahirciveen)	1023.2	+1	SSW	1	o	59	92	7	800	St.	10	-	10	!
Roches Point	1023.5	0	SW	3	b-	60	85	8	4000	Cu	3	-	3	
Pembroke (St. Ann's H.)	1024.3	0	W	3	o	52	92	6	1500	St.	10	-	10	
Ross-on-Wye	1022.5	-1	SW'W	2	o	64	75	6	4000	St.Cu	6	ASt	10	0
Leafield	1023.2	-1	W	3	c	68	55	8	4000	St.Cu	7	-	7	*
Andover	1023.6	0	W	2	c-	68	55	8	4000	Cu	4	A.Cu	8	0
S. Farnborough	1023.0	-1	WSW	3	bc	74	55	8	4000	Cu	5	A.Cu	6	0
London (Kew Obsy.)	1023.0	-1	SW	2	bc	71	55	8	4000	Cu	4	-	4	0
Croydon	1023.1	-1	WNW	2	bc	73	45	7	4000	Cu	5	-	5	0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1023.4	-1	SE	1	bc+	68	65	7	3700	St.Cu	3	A Cu	6	•
Felixstowe	1023.2	-1	S'E	3	c+	68	65	7	7200	Cu	6	A Cu	7	0
Lympne	1023.5	0	SSW	2	o	65	75	7	4000	St.Cu	7	A.Cu	9	0
Scilly (St. Mary's)	1025.4	0	SSW	2	od₀	58	92	6	4000	St.Cu	10	-	10	•
Falmouth (Pendennis)	1025.6	0	W	3	o	59	85	8	5700	St.Cu	10	-	10	•
Plymouth (Cattewater)	1025.3	0	S	3	o	59	85	8	2500	St.Cu	10	-	10	0
Portland Bill	1024.1	0	W	5	c+	58	75	7	-	-	0	A.Cu	8	•
Southampton (Calshot)	1024.5	0	SW'S	4	c-	59	55	8	4000	Cu	3	A.Cu	8	0
Dungeness	1023.9	0	SW	2	bc-	63	75	6	4000	Cu	2	Ci	5	•
Guernsey	1026.2	0	W	2	bc+	55	85	8	4000	Cu	2	A Cu	5	

Observations at 1800 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea
Lerwick	1017.8	-1	SSW	1	o	50	85	7	5700	StCu	4	ASt	10	0
Stornoway	1014.5	-1	SE	3	od₀	56	92	6	450	St	10	-	10	2
Wick	1016.7	-3	SSE	1	o	52	97	7	2500	St	6	ASt	10	0
Castlebay	1016.0	0	SW	4	od	54	97	4	800	Nb	10	-	10	4
Nairn	1015.3	•	WSW	2	c	61	75	8	4000	CuNb	8	-	8	•
Aberdeen	1017.2	-4	SSW	2	c	58	85	6	1500	St	8	-	8	0
Malin Head	1017.7	+0	WSW	4	o+	57	85	8	4000	StCu	8	ACu	9	0
Renfrew	1018.8	-1	SW	3	o-	59	97	6	800	St	9	-	9	•
Edinburgh (Inchkeith)	1018.3	-2	SW	3	o	58	85	8	•	St	10	-	10	1
Leuchars	1017.4	-3	WSW	3	o	59	85	6	2500	St	8	ACu	9	•
Eskdalemuir	1020.0	-1	SSW	3	o	54	97	6	500	St	10	-	10	•
Tynemouth	1020.1	-1	SW	2	c	62	65	7	4000	CuNb	4	ACu	8	1
Blacksod Point	1019.1	0	SW	2	opr₀	58	97	7	•	•	•	•	10	4
Donaghadee	1018.8	-1	S	2	b-	65	75	8	450	StCu	3	-	3	1
Birr Castle	1020.7	•	SW	1	o+	66	85	6	2500	Cu	9	-	9	•
Holyhead	1021.7	-1	SSW	4	ffo	55	97	3	220	St	10	-	10	3
Liverpool (Bidston)	1021.8	-1	SW'W	2	o	63	75	9	2500	StCu	10	-	10	3
Chester (Shotwick)	1022.1	-0	SW	4	o	64	65	8	2500	StCu	9	-	9	•
Harrogate	1021.7	0	SW	2	o	62	75	7	1500	St	9	-	9	•
Spurn Head	1022.1	-1	SE	3	o	58	92	6	2500	St	10	-	10	1
Birmingham (Edgbaston)	1022.5	-1	W	2	o	64	65	8	5700	StCu	9	-	9	•
Cranwell	1022.6	0	WSW	2	o	66	75	7	4000	StCu	10	-	10	•
Gorleston	1022.8	0	SE	3	b-	63	75	6	-	-	0	ACu	2	0
Valencia (Cahirciveen)	1024.1	+2	SW	2	od₀	58	97	6	450	St	10	-	10	3
Roches Point	1022.9	0	SW'W	2	b	69	85	8	4000	Cu	3	-	3	0
Pembroke (St. Ann's H.)	1023.8	-1	WSW	3	oF	56	97	1	<150	St	10	-	10	3
Ross-on-Wye	1023.0	-1	SW	3	c+	65	65	8	4000	StCu	7	CiCu	8	•
Leafield	1023.2	0	SW	3	b-	64	55	8	-	-	0	ACu	2	•
Andover	1023.5	+0	W	2	c+	65	65	8	4000	StCu	7	CiCu	8	*
S. Farnborough	1022.8	0	W	2	c	70	55	8	2500	StCu	5	ACu	8	•
London (Kew Obsy.)	1022.9	+0	W	2	c	71	45	8	5700	StCu	3	ACu	7	
Croydon	1022.8	0	W'N	2	c	69	55	8	5700	StCu	6	ACu	8	•
Clacton-on-Sea	1022.6	-1	SSE	3	o+	63	85	6	7200	StCu	10	-	10	0
Shoeburyness	1022.0	-2	-	0	o+	66	85	6	2500	StCu	7	ACu	9	•
Felixstowe	1022.7	-1	S'W	2	o+	65	85	6	7200	StCu	7	ASt	9	0
Lympne	1023.3	+0	SW	2	c	63	75	8	7200	StCu	8	-	8	•
Scilly (St. Mary's)	1024.9	0	WSW	1	ffo	58	97	1	450	St	10	-	10	1
Falmouth (Pendennis)	1025.1	-1	W	3	o	58	92	6	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1025.2	-0	SW	3	ojp	57	97	6	220	St	10	-	10	0
Portland Bill	1024.0	-2	WSW	5	b-	57	85	7	-	-	0	Ci	1	3
Southampton (Calshot)	1024.0	-0	SW	4	c+	65	65	8	4000	StCu	7	ACu	8	0
Dungeness	1023.7	-1	SW	3	bc+	59	85	7	4000	StCu	4	ASt	6	3
Guernsey	1025.6	-1	WNW	3	b-	59	85	8	-	-	0.	ACu	1	1

London Observations. (Weather and Temperature: 24 Hours ended 0900 G.M.T. 24th)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	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	bz	bcycy	cbncw	•	•	46	-	-	11.4	•	•	8
Croydon {24 hours ended 0700}	244	bnybc	bcocy	bncnb	•	•	45	-	-	10.0	•	•	8
Greenwich (Royal Obsy.)	149	bc	co	cbcbo	77	51	?	-	-	8.4 (9)	48	66	6
City (Bunhill Row)	80	•	•	•				•	•	8.8	•	•	•
Westminster (St. James Pk.)	27	•	•	•	73	55	50	-	-	9.2	48	66	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	10.4	•	•	•
Camden Square	110	bcc	c	•	77	56	50	-	-	•	•	66	•
Kensington Palace	80	bc	bc	•	74	•	46	-	-	•	{At 18h 50}	64	•
Hampstead Observatory	450	•	•	•	73	54	45	-	-	13.3		70	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 23rd

South Kensington	Max.	Time.	Min.	Time.
	0.6	12h-22nd	0.3	2h-23rd
	1.3	9h-23rd		

Kew Observatory	Max.	Time.	Min.	Time.
	0.3	1h-23rd	<0.3	5h-23rd
	0.4	6h-7h 23rd		

Pole Star Record at Greenwich Obsy.

Exposure from 23rd 21 h. 45 m. to 24th 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	4 30	100
δ Ursae Minoris	4 30	4 30	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 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).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 24th & 25th June, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32	11.55	8.18
	3.32	11.55	8.18
Greenwich	3.45	12.2	8.19
	3.45	12.2	8.19
Wick	3.8	12.14	9.20
	3.8	12.14	9.20
Valencia	4.23	12.43	9.3
	4.23	12.43	9.3

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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.

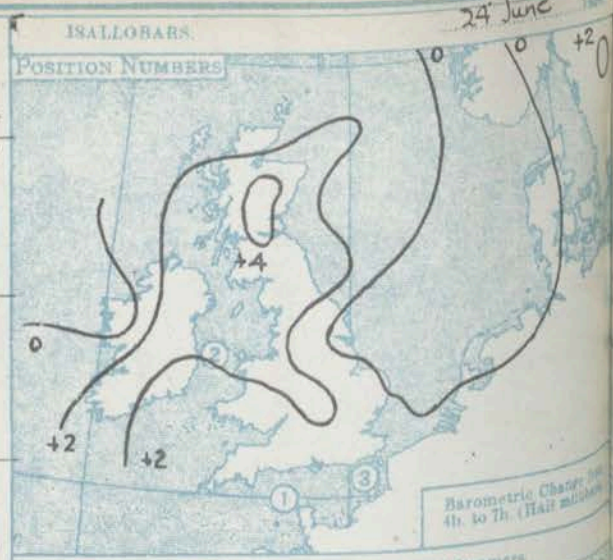
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 23	13h.-18h. 23	18h. 23 to 1h. 24	1h.-7h. 24	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 23 Hours.
Lerwick	uo	o	omr	o	52	48	.	-	3	-	<2100	0.0
Stornoway	oo	oo	r-d	c	56	50	.	0.2	0.4	-	-	0.1
Wick	oo	oo	oo	cp.bc	53	50	.	-	0.1	-	0530	.
Castletay	odf	dfodm	dmo	dbc	55	53	.	0.2	0.4	0900	-	0.0
Nairn	cg	cbcc	cbcgw	bcg	64	52	.	-	-	-	-	0.9
Aberdeen	oo	ocm	co	ooir	59	53	42	-	trace	-	0630	0.4
Malin Head	comd	co	olmd	olmd	60	52	.	Trace	0.4	11.00	2200	2.7
Renfrew	oido	oido	op.	ocq	60	54	51	Trace	trace	<0800	2200	0.1
Edinburgh (Inchkeith)	oo	oo	oo	c	59	54	53	-	-	-	-	0.0
Leuchars	oo	op.	oo	oo	61	54	48	Trace	-	14.30	-	0.0
Eskdalemuir	cdiro	odm	om	omoow	59	52	50	1	-	0900	-	0.3
Tynemouth	bbc	c	cb	c	64	56	51	-	-	-	-	.
Blacksod Point	cc	co	oo	og	62	54	.	-	-	-	.	.
Donaghadee	oo	cbc	bcc	bc	66	52	.	-	-	-	-	.
Birr Castle	co	co	co	co	70	53	52	-	-	-	-	5.2
Holyhead	idom	omf	fem	omo	58	52	51	Trace	-	0900	-	0.0
Liverpool (Bidston)	ocbco	oo	bco		65	57	54	-	-	-	-	1.8
Chester (Shotwick)	oco	oo	bbo	oo	66	54	46	-	-	-	-	2.2
Harrogate	bo	oo	oo		66	56	50	-	-	-	-	5.9
Spurn Head	bc	c	c	c	62	56	.	-	-	-	-	10.2
Birmingham (Edgbaston)	c	co	oc	co	68	54	49	-	-	-	-	4.0
Cranwell	bcc	co	oo	bbcc	71	55	48	-	-	-	-	10.2
Gorleston	bbc	bc	oo	co	68	56	52	-	-	-	-	14.5
Valencia (Cahirciveen)	omdo	oidm	odm	odm	60	56	55	Trace	0.6	-	<2100	0.1
Roches Point	obcb	bbcb	bwo	o	69	56	.	-	trace	-	-	.
Pembroke (St. Ann's H.)	oo	ooff	offc	ofco	57	53	.	-	-	-	-	0.0
Ross-on-Wye	como	ocbc	oo	cbwc	63	53	51	-	-	-	-	2.8
Leafield	c	bc	bc	bc	69	52	45	-	-	-	-	7.6
Andover	co	bcyc	coc	bcbbc	71	55	53	-	-	-	-	8.7
S. Farnborough	bbcy	bcycy	cyb	bbcc	70	50	45	-	-	-	-	11.9
London (Kew Obsy.)	b3	bcycy	cycbbw	bwbcw	74	55	46	-	-	-	-	11.4
Croydon	bwybc	bccocy	cybw	bccwb	75	51	45	-	-	-	-	10.0
Clacton-on-Sea	bbcz	bcco	oz	ozbcb	68	54	50	-	-	-	-	9.3
Shoeburyness	bbc	bcco	o	c	72	53	?	-	-	-	-	9.0
Felixstowe	bzbcc	co	oc	bcbbcc	69	57	53	-	-	-	-	11.3
Lympne	bc	c	cbcb	bccb	68	55	40	-	-	-	-	9.3
Scilly (St. Mary's)	omd	omF	offc	oifd	60	54	.	0.3	1	<0300	<2100	0.0
Falmouth (Pendennis)	c	com	comd	omdco	60	55	.	-	trace	-	2200	0.1
Plymouth (Cattewater)	bcco	oo	od.	od.	62	57	57	-	0.1	-	<2100	4.1
Portland Bill	bbc	b-bc	bbc	f-m	61	56	.	-	-	-	-	.
Southampton (Calshot)	bcoc	cybcc	cbcbbw	bwcwo	68	53	43	-	-	-	-	12.7
Dungeness	bbc	b-bc	bbc	bbc	63	53	.	-	-	-	-	.
Guernsey	bcbc	bcb	b	r.fd.	62	54	.	-	0.4	-	-	.



Observations from Cross Channel Steamers

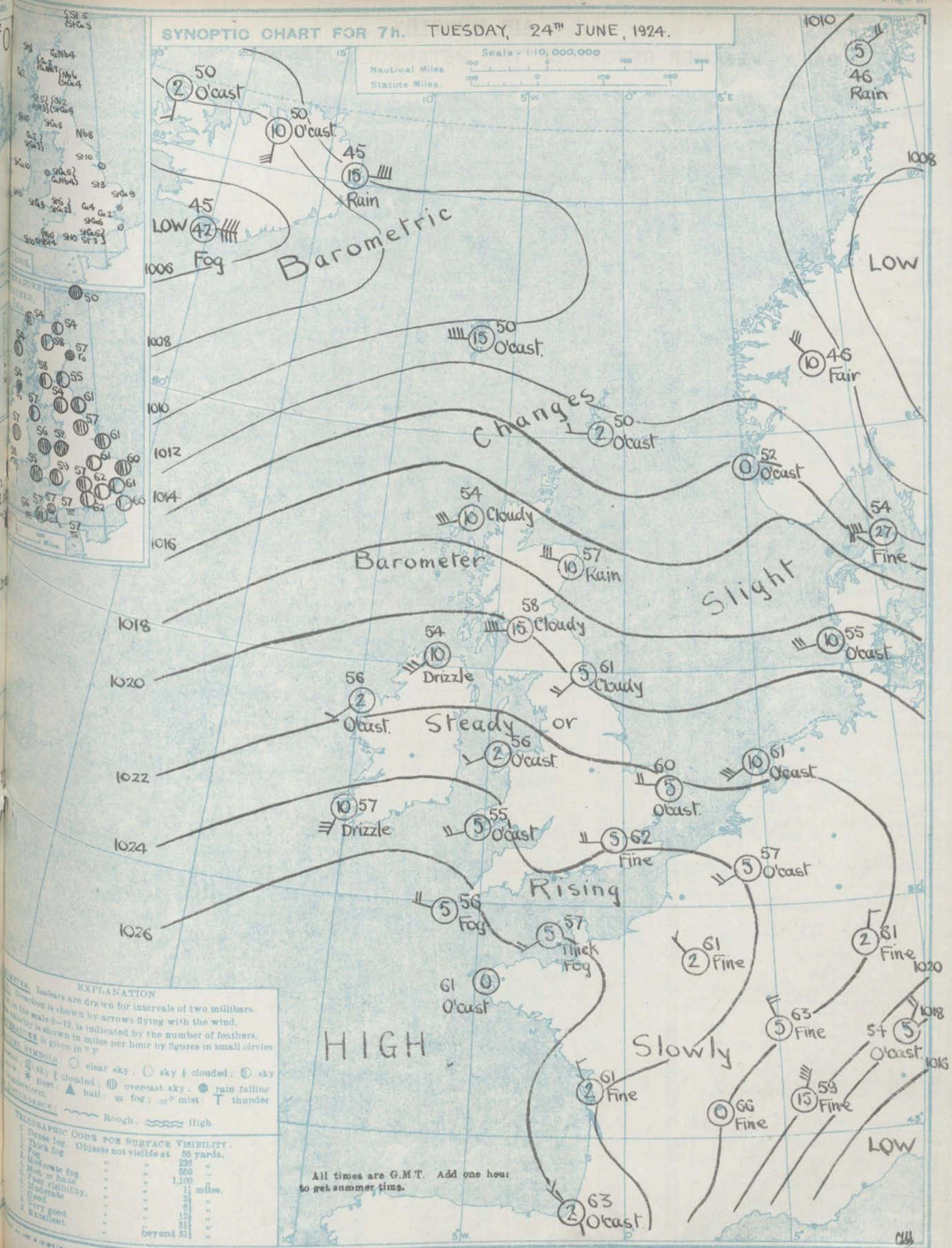
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	23 0900	Cambria	S	4	oc	55	53
3	24 0200	Arundel	W	3	b	56	55

GENERAL INFERENCE.

An anticyclone, centred between the Azores and the mouth of the Channel, covers the Britis Isles. Light westerly winds are probable generally, and weather will be fair and warm in most districts, but in the wester coastal areas there will be rathe more cloud with local fog on the coasts, while temperature there will be moderate, or rather warm.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 24th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light westerly winds; fair and warm; morning mist locally.	Quiet, mainly fair, warm weather for a day or two. -----
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light W. or S.W. winds; rather cloudy generally, but fair in places; local coastal fog; moderate temperature or rather warm.	
9. N. Midlands 10. N.E. England 11. E. Scotland	As 1 - 4.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 8.	

† For Code see opposite page.



EXPLANATION

Isobars are drawn for intervals of two millibars.

Direction is shown by arrows flying with the wind.

On the scale 0—12, is indicated by the number of feathers.

Velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in °F.

SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunder.

DISTURBANCE: Rough; High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

1	Dense fog. Objects not visible at		55 yards.	
2	Thick fog	"	"	220 "
3	Fog	"	"	550 "
4	Moderate fog	"	"	1,100 "
5	Mist, or haze	"	"	1 miles.
6	Poor visibility.	"	"	2 "
7	Moderate	"	"	6 "
8	Good	"	"	12 "
9	Very good	"	"	31 "
0	Excellent.	"	beyond	31 "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Tuesday, 24th June 1924. No. 176.

Observations at 0100 G.M.T. 24th

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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1014.0	-3	S	1	orr	49	97	6	4000	Nb	10	-	10
Stornoway	51	1016.0	+1	W	1	r.	*	*	5	*	*	*	*	*
Wick	81	1014.9	0	SW	1	o	53	97	8	2500	StCu	4	ASt	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1019.4	+1	WSW	5	od.	54	97	5	450	St	10	-	10
Renfrew	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	180	1016.8	-1	SW	4	o-	55	85	8	*	St	9	-	9
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1018.9	-2	SW	1	b-	57	85	7	-	-	0	ACu	3
Blacksod Point	10	1021.2	0	SW	2	o	55	92	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1022.1	0	SSW	4	o-	53	97	5	800	St	9	-	9
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	480	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1021.5	-1	SW	3	bc-	58	92	7	4000	StCu	2	ACu	5
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1023.1	0	W	1	b-	57	92	7	4000	StCu	3	-	3
Gorleston	13	1022.3	0	W	1	o	56	85	7	-	-	0	ASt	10
Valencia (Cahirciveen)	30	1024.5	0	S	2	bcdd	56	97	6	*	Nb	5	-	5
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1023.5	-2	SW	3	ffo	55	92	2	<150	St	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	59	*	*	*	*	*	*	*
Croydon	214	1024.2	+1	WSW	1	b-	54	85	8	-	-	0	-	0
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	85	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1023.7	+1	WSW	2	b	53	92	6	-	-	0	ACu	1
Scilly (St. Mary's)	131	1026.0	0	W'N	3	fo-	55	97	2	450	St	10	-	10
Falmouth (Pendennis)	200	1025.1	0	W	1	odd.	57	97	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1024.1	0	W	3	b	56	92	7	-	-	0	-	0
Southampton (Calshot)	12	1024.8	0	WSW	1	b	55	92	8	-	-	0	-	0
Dungeness	21	1024.0	0	WSW	3	b	55	97	8	-	-	0	-	0
Guernsey														

Observations at 0700 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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	
Lerwick	1013.5	+1	W	1	o	50	85	6	2500	St	10	-	10	0
Stornoway	1017.1	+1	WSW	3	c	54	85	7	800	St	8	-	8	2
Wick	1013.8	+1	NW	3	bc/r	54	85	8	2500	CuNb	4	Ci	5	0
Castlebay	1019.2	+2	WSW	4	bc	54	85	8	4000	Cu	2	ASt	6	4
Nairn	1017.5	*	W	3	bc-	55	75	8	4000	CuNb	5	-	6	0
Aberdeen	1017.2	+3	WNW	3	or.	57	92	6	1500	Nb	10	-	10	1
Malin Head	1021.3	+2	SW	3	cd.	54	85	7	1500	St	10	-	10	
Renfrew	1020.6	+4	W	4	c-	55	85	8	2500	St	8	-	8	2
Edinburgh (Inchkeith)	1018.6	+3	WSW	4	bc	55	85	8	*	StCu	6	-	6	*
Leuchars	1017.4	+1	WSW	3	o	55	85	8	2500	StCu	9	-	9	*
Eskdalemuir	1020.5	+3	W	4	c	54	75	7	1500	StCu	8	-	8	0
Tynemouth	1019.2	+2	SW	2	c	61	75	6	1500	Nb	8	-	8	
Blacksod Point	1021.1	0	SW	1	o	56	92	8	*	*	*	*	9	2
Donaghadee	1021.8	+2	W	3	bc-	57	85	8	450	StCu	5	-	5	3
Birr Castle	1023.3	*	SW	1	o+	57	97	6	1500	StCu	10	-	10	*
Holyhead	1023.0	+2	WSW	1	o	56	92	8	-	-	0	ASt	9	1
Liverpool (Bidston)	1022.8	+1	WSW	4	o+	55	85	5	2500	StCu	10	-	10	4
Chester (Shotwick)	1025.3	+2	W	2	o	60	85	8	1500	St	10	-	10	*
Harrogate	1020.6	-1	W'S	3	o	57	92	7	800	St	10	Ci	10	*
Spurn Head	1021.3	-1	SW'W	4	c	61	85	6	-	-	0	-	7	2
Birmingham (Edgbaston)	1023.5	+2	W	2	o	59	85	6	2500	St	10	ASt	10	*
Cranwell	1022.2	0	W'S	3	bc	61	85	7	4000	St	3	-	6	*
Gorleston	1021.9	-1	WNW	2	o-	60	85	6	5700	StCu	9	-	9	0
Valencia (Cahirciveen)	1024.4	+2	SW'S	3	odd	57	97	5	<150	St	10	-	10	3
Roches Point	1025.2	0	SW'W	2	o	55	97	7	1500	St	10	-	10	0
Pembroke (St. Ann's H.)	1025.0	+1	WSW	2	o/f	55	97	7	2500	StCu	9	-	9	3
Ross-on-Wye	1023.9	+1	SW	1	c+	59	85	6	2500	St	8	-	8	*
Leafield	1023.0	+2	W	1	bc	57	92	8	1500	Cu	4	-	4	*
Andover	1024.0	0	W	3	c+	60	85	8	1500	StCu	8	-	8	*
S. Farnborough	1023.6	0	W'N	3	bc-	62	85	7	800	StCu	6	-	6	*
London (Kew Obsy.)	1023.7	+1	W	2	b+	62	85	7	4000	Cu	2	CiSt	3	*
Croydon	1023.7	0	NW'W	2	b+	63	75	7	4000	Cu	3	-	3	0
Clacton-on-Sea	1022.9	0	WSW	2	b	61	75	7	-	-	0	ACu	3	
Shoeburyness	1025.8	0	W	1	c	62	75	6	5700	StCu	3	ACu	8	0
Felixstowe	1022.7	0	W	2	o+	61	85	6	7200	StCu	9	-	9	
Lympne	1023.3	0	SW	1	b	59	85	7	-	-	0	ACu	2	1
Scilly (St. Mary's)	1026.3	0	WNW	2	ifo	56	97	3	800	St	10	-	10	0
Falmouth (Pendennis)	1026.1	+1	NW	2	c/r	57	92	7	2500	St	8	-	8	0
Plymouth (Cattewater)	1025.2	+1	W	2	od.	57	97	7	220	Nb	10	-	10	0
Portland Bill	1024.0	0	W	3	fo+	57	92	3	450	St	10	-	10	3
Southampton (Calshot)	1024.5	0	SW'W	3	o	60	85	7	1500	StCu	9	CiCu	9	0
Dungeness	1024.0	0	WSW	2	b-	60	85	7	-	-	0	-	2	0
Guernsey	1025.6	0	SW	2	Fo-	57	97	1	450	St	10	-	10	

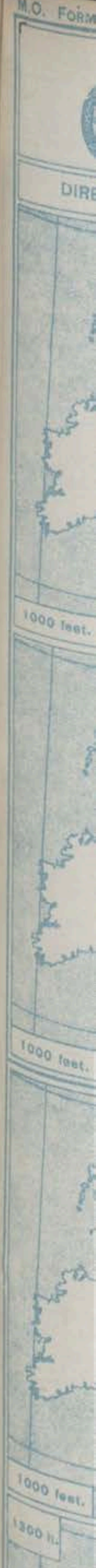
WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd

Stations	Weather Fore-noon	Weather After-noon	Temperature Min. Night 22-23 °F	Temperature Max. Day 23 °F	Rainfall Night 17h.-9h. 22-23 mm.	Rainfall Day 9h.-17h. 23 mm.	Sunshine Sunrise to 17h 23	Sunshine Sunrise to Sunset 22nd hr.
Berwick-on-Tweed	bbcco	bccbc	48	63	-	-	4.5	11.1
Douglas (I o M)	om	om	52	56	-	-	0.0	12.4
Llandudno	c	cb	53	65	-	-	1.0	12.0
Colwyn Bay	bc	bc	53	65	-	-	1.0	13.7
Rhyl	bcc	cbc	50	65	-	-	0.8	12.9
Southport	bcco	o	52	65	-	-	3.7	11.3
Blackpool	bcc	oo	51	64	-	-	1.1	11.6
Ilkley	b	c	46	68	-	-	5.9	12.1
Skegness	b	b	54	64	-	-	9.6	12.2
Aberystwyth	occ	o	52	63	-	-	0.0	10.0
Bath	bbcco	cbcb	52	69	-	-	5.5	11.1
Leamington Spa	bc	bccbo	51	70	-	-	6.4	10.2
Lowestoft	b	b	50	69	-	-	12.6	14.1
Felixstowe	bm	bzog	50	67	-	-	10.9	8.0
Harwich & Dovercourt	b	zo	51	69	-	-	10.5	10.3
Southend	bbq	bq	54	74	-	-	8.9	9.3

Stations	Weather Fore-noon	Weather After-noon	Temperature Min. Night 22-23 °F	Temperature Max. Day 23 °F	Rainfall Night 17h.-9h. 22-23 mm.	Rainfall Day 9h.-17h. 23 mm.	Sunshine Sunrise to 17h. 23	Sunshine Sunrise to Sunset 22nd hr.
Ilfracombe	ocbc	bcco	54	61	-	-	2.7	10.3
Bude	cbcc	c	52	63	-	-	3.7	7.6
Paignton	cbc	bcc	50	68	-	-	6.9	8.8
Torquay	bccb	bccb	50	70	-	-	6.3	9.0
Jersey	b	b	54	65	-	-	9.3	12.5
Weymouth	bbc	bc	52	69	-	-	8.6	13.4
Bournemouth	b	b	47	70	-	-	9.0	12.5
Portsmouth (S'thsea)	b	b	54	71	-	-	12.2	12.8
Littlehampton	bc	bc	49	65	-	-	12.1	9.1
Worthing	b	b	52	69	-	-	12.4	11.7
Brighton	b	b	49	69	-	-	12.4	7.5
Eastbourne	b	b	50	69	-	-	12.5	6.5
Hastings	bbcb	bbc	52	67	-	-	12.4	5.3
Folkestone	b	co	48	67	-	-	9.8	9.0
Dover	bbc	cbco	48	64	-	-	9.2	7.8
Tunbridge Wells	b	bcc	47	73	-	-	8.8	8.7
Ramsgate	b	bbco	51	66	-	-	10.5	13.4
Margate	b	bbcc	52	71	-	-	11.0	14.7
Deal	mbbc	bcc	45	71	-	-	9.1	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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22861 · WEDNESDAY 25TH JUNE 1924.

Observations at 1300 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1015.2	+2	W	2	od.	53	97	6	800	St	10	-	10	•
Stornoway	1017.2	0	WSW	4	o+	58	75	7	800	St.	10	-	10	•
Wick	1017.3	0	WNW	1	c	61	75	8	4000	St.Cu	6	A.Cu	8	•
Castlebay	1019.6	0	SW	4	c	56	85	7	4000	St.Cu	4	A.Cu	7	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.8	+1	W	3	c	65	55	8	2500	Cu	6	Ci	7	0
Malin Head	1021.3	0	WSW	1	cd.	59	85	7	1500	St	6	A.Cu	8	•
Renfrew	1021.5	0	WSW	3	bc	62	75	8	2500	St.Cu	6	-	6	0
Edinburgh (Inchkeith)	1019.9	0	W	4	bc-	60	65	8	•	Cu	4	-	4	•
Leuchars	1019.5	+2	W	4	c	65	55	8	4000	St.Cu	6	Ci	7	0
Eskdalemuir	1021.6	+1	W	4	bc	63	65	8	4000	St.Cu	6	-	6	0
Tynemouth	1020.5	+1	W	2	bc	68	55	7	1500	Cu.Nb	5	-	5	•
Blacksod Point	1022.8	+1	W	2	bo	59	85	9	•	•	•	•	6	•
Donaghadee	1022.4	0	SSE	2	bc+	58	85	8	800	St.Cu	6	-	6	•
Birr Castle	1023.1	※	SW	2	o-	62	92	6	1500	Cu.Nb	9	-	9	•
Holyhead	1023.7	0	SSW	1	o	62	75	8	2500	St.Cu	9	-	9	0
Liverpool (Bidston)	1023.9	+1	WNW	2	b-	61	75	8	4000	St.Cu	2	Ci.Cu	3	•
Chester (Shotwick)	1023.4	+1	NW	5	c-	65	75	9	4000	St.Cu	7	-	7	0
Harrogate	1021.3	+1	W	4	b	63	55	8	5700	St.Cu	2	-	2	•
Spurn Head	1021.9	+1	WNW	3	c	64	75	5	2500	St	8	-	8	※
Birmingham (Edgbaston)	1023.1	0	WNW	2	bc	70	65	8	5700	Cu	6	-	6	0
Cranwell	1022.5	0	W'N	3	c	71	65	6	4000	St.Cu	6	A.Cu	7	0
Gorleston	1022.0	0	NE'E	2	o-	64	75	6	2500	St.Cu	9	-	9	•
Valencia (Cahirciveen)	1025.4	0	SW	4	odo.	59	97	6	450	St.	10	-	10	!
Roches Point	1025.4	0	W'S	2	ov	63	85	9	1500	St.Cu	10	-	10	•
Pembroke (St. Ann's H.)	1025.5	0	W	3	ffo	57	97	2	450	St.	10	-	10	•
Ross-on-Wye	1023.3	0	NNW	2	c-	70	65	9	4000	St.Cu	7	-	7	0
Leafield														
Andover	1023.8	+0	W	3	c	69	75	8	2500	Cu.Nb	8	-	8	0
S. Farnborough	1023.2	-1	W	3	c	74	65	8	2500	Cu	8	-	8	0
London (Kew Obsy.)	1023.3	-1	NW	2	0	72	65	8	4000	St.Cu	9	-	9	0
Croydon	1023.1	-1	W	2	c	73	55	8	4000	Cu	7	-	7	0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1023.0	-1	WNW	1	bc+	71	65	8	2500	Cu	5	-	5	•
Felixstowe	1022.5	-1	WNW	1	c	71	65	8	4000	St.Cu	8	-	8	0
Lympne	1023.2	-1	SSW	3	c	67	75	7	4000	Cu	7	-	7	0
Scilly (St. Mary's)	1026.7	+1	WNW	3	c-	61	92	7	4000	St.Cu	7	-	7	•
Falmouth (Pendennis)	1026.9	0	NW	2	0	62	85	7	4000	St.Cu	10	-	10	•
Plymouth (Cattewater)	1025.8	0	~~W~~NW	3	0	65	75	8	1500	St.Cu	9	-	9	0
Portland Bill	1024.5	0	SW	1	bc-	59	85	7	1500	Cu	4	-	4	•
Southampton (Calshot)	1024.5	0	SSW	4	0	67	75	8	1500	St.Cu	9	-	9	0
Dungeness	1024.4	+1	SW	3	mo-	61	85	4	225	St.	10	-	10	•
Guernsey	1026.3	-1	WNW	3	0	59	85	8	4000	St.Cu	10	-	10	•

Observations at 1800 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	¶
Lerwick	1015.7	+2	W	2	c	53	92	7	2500	St	3	Ci.St	7	1
Stornoway	1017.5	0	WSW	4	c-	58	75	7	800	St	8	-	8	3
Wick	1018.0	+1	W	1	o	59	85	8	4000	StCu	8	Ci.St	10	0
Castlebay	1019.9	0	SW	4	c	55	85	7	2500	St	7	-	7	3
Nairn	1018.7	•	W	2	bc	61	65	8	4000	Cu	5	-	6	•
Aberdeen	1019.6	0	S	1	o	59	75	7	4000	StCu	9	-	9	0
Malin Head	1021.5	+1	W	4	bv	58	75	9	4000	Cu	2	-	2	3
Renfrew	1021.5	0	WSW	3	c	60	85	8	4000	StCu	7	-	7	•
Edinburgh (Inchkeith)	1020.7	0	W	3	c+	60	65	8	•	Cu	3	ACu	8	1
Leuchars	1020.2	+1	W	4	bc-	66	65	8	7200	StCu	5	Ci	6	•
Eskdalemuir	1021.6	0	SW'S	3	c+	62	75	8	2500	StCu	8	-	8	•
Tynemouth	1021.6	+1	-	0	bc	67	65	8	1500	Cu.Nb	5	-	5	0
Blacksod Point	1022.4	0	SW	3	bo	59	92	9	•	•	•	•	5	4
Donaghadee	1021.4	0	SW	2	bc-	64	75	8	450	Cu	2	ACu	5	3
Birr Castle	1023.7	•	SW	1	o	64	85	7	1500	StCu	9	-	9	•
Holyhead	1023.7	0	SSW	4	c	58	92	8	220	St	2	Ci	7	3
Liverpool (Bidston)	1023.9	0	WNW	2	o+	61	75	8	-	-	0	Ci.Cu	9	3
Chester (Shotwick)	1023.6	+1	NW	3	o+	63	75	8	4000	StCu	5	Ci.St	9	•
Harrogate	1022.7	+2	WSW	3	bc	66	65	8	5700	StCu	6	-	6	•
Spurn Head	1023.0	+1	E	1	c	61	75	7	4000	Cu	4	Ci	7	•
Birmingham (Edgbaston)	1023.3	0	NW	2	c-	70	65	8	4000	Cu.Nb	8	-	8	•
Cranwell	1023.2	+1	NW'W	3	c	70	65	7	4000	StCu	4	ACu	8	•
Gorleston	1022.2	0	S	2	c+	64	85	6	2500	StCu	8	-	8	0
Valencia (Cahirciveen)	1025.4	0	SW'W	3	odo.	58	97	6	220	St	10	-	10	3
Roches Point	1025.6	0	W'S	2	o-	60	92	8	2500	StCu	8	ACu	9	0
Pembroke (St. Ann's H.)	1025.6	0	W	3	ffo	55	97	1	450	St	10	-	10	3
Ross-on-Wye	1023.6	+1	NW	2	c+	71	65	9	4000	StCu	7	Ci	8	•
Leafield	1023.8	0	SW	3	c	67	75	7	4000	Cu	5	Ci.St	8	•
Andover	1023.9	0	W	3	c-	69	75	7	-	-	0	Ci	7	•
S. Farnborough	1023.6	0	W'N	3	c	70	75	7	7200	StCu	3	Ci	8	•
London (Kew Obsy.)	1023.7	0	W	2	bc	73	65	7	4000	Cu	1	Ci	4	•
Croydon	1023.8	+1	NW'N	2	bc-	72	55	8	5700	Cu	1	Ci	5	•
Clacton-on-Sea	1022.8	0	SW	1	c	66	85	6	7200	StCu	8	-	8	0
Shoeburyness	1023.4	0	WNW	1	c	71	65	8	7200	StCu	4	ACu	8	•
Felixstowe	1022.8	0	-	0	o-	69	75	7	5700	StCu	8	ACu	9	0
Lympne	1023.6	+1	SSW	2	c+	62	85	8	4000	StCu	8	-	8	•
Scilly (St. Mary's)	1027.2	0	NW'W	2	o	57	97	7	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1027.5	0	NW	2	odo.	59	92	6	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1026.0	0	NNW	3	o	64	75	8	600	StCu	9	-	9	0
Portland Bill	1024.5	0	SW	1	bc	59	85	7	-	-	0	Ci	4	3
Southampton (Calshot)	1024.6	0	SW'S	4	b-	63	85	8	-	-	0	Ci	3	0
Dungeness	1024.4	0	SW	3	bc+	59	85	7	4000	StCu	4	-	4	4
Guernsey	1026.6	+1	W	3	b-	60	92	8	2500	Cu	1	ACu	2	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility 9h.
		24 HOURS ENDED 0600 G.M.T. 25th								YESTERDAY.		TO-DAY.	
Kew	18	bcc	cbc	bcbnc	•	•	54	-	-	11.5	•	•	7
Croydon	244	bye	oybc	bcybn	•	•	50	-	-	10.8			6
Greenwich (Royal Obsy.)	149	c	c	cbccb	79	59	49	-	-	9.1	50	70	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	8.5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	75	60	56	-	-	9.2	57	72	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	10.0	•	•	•
Camden Square	119	cb	bcc	•	75	61	56	-	-	•	•	71	•
Kensington Palace	80	bcc	bc	•	75	•	55	-	-	•	(At 18h 55)	78	•
Hampstead Observatory	450	•	•	•						10.4			•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 24th

South Kensington

Max.	Time.	Min.	Time.
1.0	17h. 23m	0.3	2h. 24m
0.6	8h. 24m		

Kew Observatory

Max.	Time.	Min.	Time.
Less than 0.3 all day.			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24th 21h. 45m. to 25th 2h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	4.30	2.50	63
δ Ursae Minoris	4.30	2.42	60

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per 4 sec.	Strem.	Direc.
17h.	-	-	-	-
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

25th & 26th June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.32	11.55	8.18
	3.33	11.55	8.18
Greenwich	3.45	12.2	8.19
	3.45	12.2	8.19
Wick	3.8	12.14	9.20
	3.8	12.14	9.20
Valencia	4.23	12.43	9.3
	4.23	12.43	9.3

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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. ro = 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	56-63
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

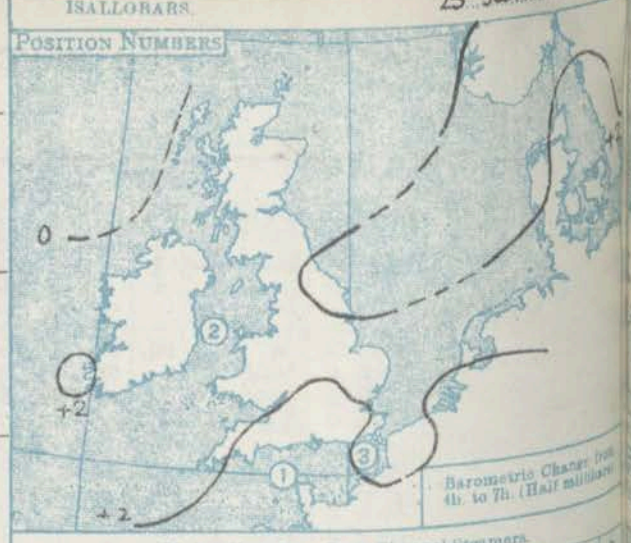
* For explanation see Introduction. † Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. ¶ For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24	13h.-18h. 24	18h. 24 to 1h. 25	1h.-7h. 25	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 24 Hours.
Lerwick	omd	omdoc	o	o	57	50	.	trace	–	11.00	–	1.0
Stornoway	c	p	c	c	60	50	.	0.2	1	–	–	3.2
Wick	c	oo	oo	c	62	52	.	–	–	–	–	.
Castlebay	bcoc	coc	co	o	56	53	.	–	–	–	–	7.0
Nairn	bcgc	bccbcg	bcgcN	cg	65	49	.	–	–	–	–	5.5
Aberdeen	ofobccpfc	oco	cob	b	66	50	39	0.1	–	20800	–	2.7
Malin Head	olmd	cobc	bc	bcomd	60	47	.	0.4	0.5	20800	0330	6.2
Renfrew	cbc	bcc	cN	bccN	64	47	37	–	–	–	–	5.5
Edinburgh (Inchkeith)	c	c	c	c	63	51	48	–	–	–	–	12.3
Leuchars	occ	bcocy	bcb	bbc	68	49	40	–	–	–	–	6.8
Eskdalemuir	cbc	bcc	coom	mbbc	66	42	37	–	–	–	–	8.9
Tynemouth	bbc	b-bc	bbc	bc	72	54	48	–	–	–	–	.
Blacksod Point	fbc	bcbc	bcd	or	62	55	.	–	0.5	–	–	.
Donaghadee	c	c	c	od	65	48	.	–	0.1	–	<2100	.
Birr Castle	com	copr.	co	co	66	57	56	trace	–	13.30	–	1.2
Holyhead	oo	oc	bcc	op.	64	55	54	–	0.3	–	2400	3.0
Liverpool (Bidston)	ocbc	bo	om		64	57	58	–	–	–	–	4.5
Chester (Shotwick)	ooc	cc	obb	bcoo	68	54	47	–	–	–	–	4.7
Harrogate	bbc	b-bc	bcc	c	70	54	46	–	–	–	–	9.7
Spurn Head	c	b-bc	c	c	69	56	.	–	–	–	–	12.2
Birmingham (Edgbaston)	oc	bc	cbc	bcc	72	55	47	–	–	–	–	4.4
Cranwell	coc	bcc	c	bcc.	73	53	46	–	–	–	–	10.4
Gorleston	couc	oprue	cmbcN	bcNbm	72	57	?	trace	trace	13.30	2200	5.3
Valencia (Cahirciveen)	ofm	oidm	odo	o	59	55	54	0.1	trace	20800	<2100	0.0
Roches Point	oco	oc	cbcN	bco	63	54	.	–	trace	–	–	
Pembroke (St. Ann's H.)	offc	offc	otfc	offc o	59	54	.	trace	trace	1230	<2100	0.7
Ross-on-Wye	coc	bcvcN	cbc	bnbc	73	53	50	–	–	–	–	8.5
Leafield	bcc	c	cbc	fo	70	54	45	–	–	–	–	6.0
Andover	bcc	c	cbcbo	oc	71	55	52	–	–	–	–	7.7
S. Farnborough	cbcbbcc	c	cbcb	bcom	76	55	51	–	–	–	–	8.5
London (Kew Obsy.)	bcc	cbc	bcb	bncN	75	59	54	–	–	–	–	11.5
Croydon	byc	oybc	bcybN	bcoN	75	57	50	–	–	–	–	10.8
Clacton-on-Sea	bccbo	bccz	cz	cz	74	60	59	–	–	–	–	9.4
Shoeburyness	cbcbbc	bcc	cbc	b	76	57	?	–	–	–	–	8.5
Felixstowe	cbcc	co	obc	bobcm	73	59	57	–	–	–	–	8.6
Lympne	bbcc	cbcb	ocbc	mmN	68	56	47	–	–	–	–	11.5
Scilly (St. Mary's)	omc	co	omd	ofd	63	54	.	–	1	–	2200	1.8
Falmouth (Pendennis)	codco	cod	codco	cbr	63	55	.	trace	trace	20800	<2100	1.2
Plymouth (Cattewater)	oo	oo	o	oo	66	56	56	–	–	–	–	1.7
Portland Bill	c	b-bc	bbc	c	63	57	.	–	–	–	–	.
Southampton (Calshot)	co	ocbcb	mNbcNc	cNomo	68	57	54	–	–	–	–	9.8
Dungeness	coffo	b-bc	c	c	63	57	.	–	–	–	–	.
Guernsey	offodc	cbcb	bccoc	bcco	61	55	.	0.2	–	20800	–	.

ISALLOBARS. 25th June 1924.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
1	24th 1100	Ibex	N	2	b/f	58	53
2	25th 0200	Brighton	N's	3	bc	58	56

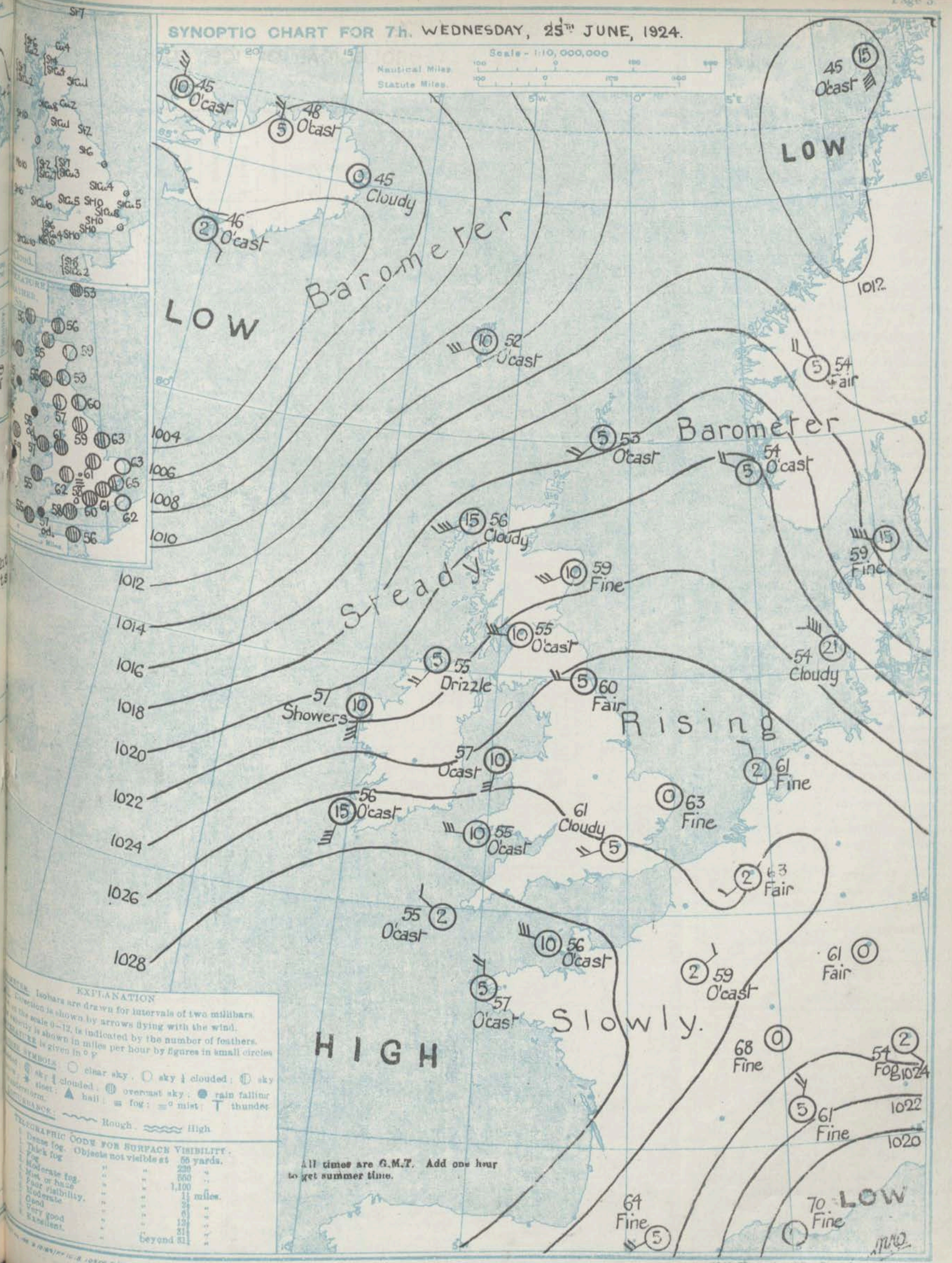
GENERAL INFERENCE.

The anticyclone off our southwest coasts is spreading northeast. Fair, quiet warm weather will continue in most districts but there will be slight rain locally on the western coasts.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday, 25th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light winds, mainly from S.W.; fine; visibility good apart from morning mist; very warm.	Similar conditions continuing.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate winds, mainly from S.W.; mainly fair but slight rain locally on the coast, some morning mist, coastal fog in places; warm.	
9. N. Midlands 10. N.E. England 11. E. Scotland	As 1 - 4.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 8.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0855 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. WEDNESDAY, 25th JUNE, 1924.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
Steady.
Barometer
Rising
Slowly.
HIGH
LOW
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1022
1020
1012
45 O'cast
48 O'cast
45 Cloudy
46 O'cast
45 O'cast
52 O'cast
54 Fair
53 O'cast
54 O'cast
56 Cloudy
59 Fine
59 Fine
55 O'cast
55 Drizzle
60 Fair
54 Cloudy
57 Showers
57 O'cast
61 Fine
56 O'cast
61 Cloudy
63 Fine
55 O'cast
63 Fair
55 O'cast
56 O'cast
59 O'cast
61 Fair
57 O'cast
68 Fine
54 Fog
61 Fine
64 Fine
70 Fine
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Velocity is shown in miles per hour by figures in small circles
TEMPERATURE is given in ° F
CLOUD SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunderstorm.
SEA SURFACE: Rough. High
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Dense fog. Objects not visible at 55 yards.
Thick fog 220
Fog 550
Moderate fog 1,100
Mist or haze 1 mile.
Poor visibility. 2
Moderate 3
Good 6
Very good 13
Excellent. 31
Beyond 31
All times are G.M.T. Add one hour to get summer time.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Wednesday 25th June 1924. No. 177

Observations at 0100 G.M.T. 25

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	1016.5	0	N	2	0	51	97	6	800	St	7	ASt	10
Stornoway	51	1019.2	+1	N	2	bc	•	•	5	•	•	•	•	•
Wick	81	1018.5	0	NSN	2	0	54	92	8	4000	StCu	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	48	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1022.6	+1	SW	2	b	52	85	9	5700	StCu	1	-	1
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1021.4	+1	WSW	3	bc-	55	85	8	•	Cu	2	ACu	6
Leuchars	39	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1022.7	0	-	0	bc	57	85	6	800	St	4	-	4
Blacksod Point	10	1021.7	-1	S	2	od+	56	92	8	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1024.5	+1	SSW	2	opc	56	97	6	1500	St	9	-	9
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1024.2	+1	W	2	bc	58	92	6	5700	StCu	4	ACu	6
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1024.9	+1	—	0	bc	56	92	7	2500	St	3	ACu	6
Gorleston	13	1024.0	+1	-	0	bc-	58	85	6	5700	StCu	5	-	5
Valencia (Cahirciveen)	30	1027.2	0	N	1	o/f	55	97	4	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1026.0	+1	N	2	FFo	54	97	1	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	305	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	64	•	•	•	•	•	•	•
Croydon	244	1025.4	+1	W	1	b	59	92	6	-	-	0	ASt	1
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1024.2	0	NW	1	b	59	85	7	-	-	0	Cu	3
Scilly (St. Mary's)	131	1025.1	+1	-	0	od+	54	97	6	1500	St	10	-	10
Falmouth (Pendennis)	209	1028.3	0	NW	2	0	56	97	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	-	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1026.0	0	NNW	4	b	58	92	7	4000	Cu	2	-	2
Southampton (Calshot)	12	1026.2	+1	NW	3	c+	58	92	7	2500	StCu	4	ACu	8
Dungeness	21	1025.2	+1	W	1	0	60	92	6	2500	St	6	-	6
Guernsey														

Observations at 0700 G.M.T. 25

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
Lerwick	1069	0	SW	2	0	53	92	6	800	St	7	ACu	9
Stornoway	1016.6	0	WSW	4	c	56	75	7	800	St	8	-	8
Wick	1019.7	0	SSW	2	c	56	85	8	4000	Cu	4	ACu	9
Castlebay	1020.4	0	SSW	3	0-	54	92	7	4000	St	9	-	8
Nairn	1020.2	•	W	1	c+	55	85	8	1500	St	8	Cu	3
Aberdeen	1021.0	+1	WSW	3	b+	59	65	8	2500	StCu	1	-	10
Malin Head	1021.4	0	SW	2	od.	55	97	5	800	St	10	-	9
Renfrew	1022.9	+2	W	3	0+	55	85	7	1500	StCu	8	ACu	6
Edinburgh (Inchkeith)	1022.5	+1	W	2	bc	53	85	8	•	Cu	2	CiSt	3
Leuchars	1021.7	+1	SW	4	b+	57	75	8	-	-	0	ACu	4
Eskdalemuir	1023.2	0	WSW	2	bc+	57	65	7	4000	StCu	1	Cu	4
Tynemouth	1024.4	+1	W	2	bc	60	75	6	1500	St	2	ACu	
Blacksod Point	1020.7	0	S	3	opc	57	97	7	•	•	•	•	10
Donaghadee	1023.3	0	SSE	1	od.	55	97	7	-	-	0	ASt	10
Birr Castle	1023.8	•	SW	1	0+	59	92	6	1500	Nb	10	-	10
Holyhead	1024.9	+1	SSW	3	0-	57	97	6	800	StCu	9	-	10
Liverpool (Bidston)	1023.2	0	SW	2	0	61	85	6	4000	St	10	-	10
Chester (Shotwick)	1025.0	+1	SW	3	0	62	85	7	4000	St	10		
Harrogate	1024.7	+2	SW	3	c	59	85	7	2500	St	6	ASt	8
Spurn Head	1025.3	+2	WSW	2	c	63	75	6	-	-	0	ACu	7
Birmingham (Edgbaston)	1026.1	+2	WSW	2	c	61	85	7	2500	StCu	6	ASt	8
Cranwell	1025.6	+1	WSW	3	c	61	85	7	1200	StCu	4	ACu	-
Gorleston	1024.8	+1	-	0	b	63	85	6	-	-	0	ACu	
Valencia (Cahirciveen)	1026.2	+2	SW	4	0	56	97	7	450	St	10	-	10
Roches Point	1027.4	0	WSW	2	0	57	92	8	2500	St	10	-	10
Pembroke (St. Ann's H.)	1027.2	+1	W	3	o/f	55	97	8	1500	StCu	10	-	7
Ross-on-Wye	1026.1	+1	SWW	2	c+	62	85	6	4000	StCu	5	Cu	6
Leafield	1025.8	+2	W	1	mo-	56	97	4	220	St	10	-	
Andover	1027.2	+2	W	2	0	57	97	5	450	St	10	-	10
S. Farnborough	1026.5	+1	W'N	2	0	60	92	6	220	St	10	-	10
London (Kew Obsy.)	1026.6	+3	WSW	2	c	61	85	6	2500	StCu	8	-	9
Croydon	1026.7	+2	NNW	2	0	60	92	6	450	St	9	-	7
Clacton-on-Sea	1025.4	+2	WSW	1	c	65	85	6	7200	StCu	7	Cu	2
Shoeburyness	1025.8	+1	NNW	1	b	65	75	6	-	-	0	-	5
Felixstowe	1025.1	+1	-	0	bc-	65	85	6	4000	StCu	5	-	0
Lympne	1025.4	+2	NW	1	b	61	92	4	-	-	0		
Scilly (St. Mary's)	1028.3	0	NW'N	1	0	55	97	8	4000	StCu	10	-	10
Falmouth (Pendennis)	1029.4	+1	-	0	od.	57	97	7	4000	Nb	10	-	10
Plymouth (Cattewater)	1028.0	+2	W	1	0	60	85	7	1500	St	10	-	10
Portland Bill	1026.9	+2	NNW	1	0+	58	92	7	1500	St	10	-	10
Southampton (Calshot)	1027.4	-2	NW	2	0	59	92	6	450	St	10	-	10
Dungeness	1026.2	+1	NW	2	b	62	92	6	-	-	0	-	0
Guernsey	1028.4	+2	W'N	3	0	56	97	7	1500	St	10		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 23-24 °F	Temperature. Max. Day. 24 °F	Rainfall.† Night 17h.-9h. 23-24 mm.	Rainfall.† Day 9h.-17h. 24 mm.	Sunshine. Sunrise to 17h. 24 hr.	Sunshine. Sunrise to Sunset. 23 hr.
Berwick-on-Tweed	cbcbv	b	56	68	-	-	10.6	4.7
Douglas (Io M)	b	b	53	65	-	-	10.2	0.0
Llandudno	c	cbbc	57	65	-	-	4.5	3.7
Colwyn Bay	bc	bc	58	64	-	-	4.5	3.5
Rhyl	cbc	bc	57	66	-	-	5.4	2.6
Southport	bcbc	bc	57	64	-	-	7.3	4.2
Blackpool	bcc	bcc	57	64	-	-	7.2	1.1
Ilkley	cbcbc	b	57	72	-	-	7.8	5.9
Skegness	b	bc	55	73	-	-	9.5	9.6
Aberystwyth	occ	o	56	64	-	-	0.3	0.0
Bath	oc	ocbcb	56	69	0.3	-	3.9	6.9
Leamington Spa	cbc	cb	56	74	-	-	5.5	6.4
Lowestoft	bcbcc	cooco	57	72	-	-	4.6	13.8
Felixstowe	cbc	bco	55	73	0.2	-	6.5	11.1
Harwich & Dovercourt	bccbc	bcco	54	73	-	-	7.6	10.8
Southend	b	bbco	56	76	-	-	7.8	8.0
Ilfracombe	ofc	cof	56	60	0.1	-	1.2	2.7
Bude	mrcbc	occm	52	63	1	-	1.8	3.7
Paignton	bcbcc	bc	55	71	-	-	8.5	7.0
Torquay	b	bccc	55	68	-	-	4.8	6.7
Jersey	focog	cog	54	64	Trace	-	0.8	12.5
Weymouth	c	cbc	56	72	-	-	5.8	11.4
Bournemouth	cbccb	cb	54	70	-	-	5.5	10.8
Portsmouth (S'thsea)	ocb	b	56	73	-	-	8.1	12.4
Littlehampton	obc	bc	51	67	-	-	9.3	14.2
Worthing	bcb	b	53	68	-	-	7.5	14.4
Brighton	bcocb	bb	52	68	-	-	7.9	14.3
Eastbourne	cbc	bcb	56	65	-	-	10.1	13.1
Hastings	bccbc	bcb	54	66	-	-	10.4	11.0
Folkestone	c	c	52	65	-	-	9.5	9.3
Dover	bccof	fbcco	53	62	-	-	4.9	8.8
Tunbridge Wells	cb	bbcc	51	73	-	-	9.2	10.5
Ramsgate	bc	bc	56	71	-	-	7.6	11.4
Margate	bbcb	bbcc	57	72	-	-	8.1	9.2
Deal	b	bbc	54	70	-	-	8.5	

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 2. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22862 THURSDAY 26TH JUNE 1924.

Observations at 1300 G.M.T. 25

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	+1	WSW	2	c	55	85	6	4000	Cu	2	ASt	8	•
Stornoway	1018·0	-1	WSW	4	o+	57	85	7	800	St	10	-	10	•
Wick	1016·9	0	SSW	3	o	53	97	8	4000	StCu	6	CiSt	10	•
Castlebay	1016·6	-1	SE	3	od₀	57 (53)	97	6	800	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1020·3	-1	SSE	4	bc	65	55	8	2500	Cu	1	ACu	4	0
Malin Head	1020·2	-1	WSW	4	od₀	59	92	6	1500	St	9	-	9	•
Renfrew	1021·5	-3	SW	4	o	60	92	6	800	St	10	-	10	0
Edinburgh (Inchkeith)	1021·4	-2	WSW	3	opr₀	54	75	7	•	CuNb	9	-	9	•
Leuchars	1021·1	-2	WSW	3	o+	62	75	7 (6)	2500	St	10	-	10	0
Eskdalemuir	1023·0	0	SSW	3 (1H)	odd₀	57	97	4	450	Nb	10	-	10	1
Tynemouth	1024·3	0	-	0	ojp	60	75	6	1500	Nb	10	-	10	•
Blacksod Point	1020·4	-1	S	4	o	60	97	7	•	•	•	•	10	•
Donaghadee	1022·6	0	WSW	3		64	85	8	450	St	7	-	7	•
Birr Castle	1024·3	•	SW	1	o-	63	92	7	4000	Cu	9	-	9	•
Holyhead	1025·4	0	SSW	4	o+	58	92	6	600	St	10	-	10	0
Liverpool (Bidston)	1025·0	-1	W'N	1	bc-	67	75	8	4000	Cu	2	CiCu	4	•
Chester (Shotwick)	1024·6	-1	W'N	4	c	72	55	9	4000	Cu	3	ACu	7	0
Harrogate	1024·4	0	SW	3	o	65	75	7	4000	StCu	10	-	10	•
Spurn Head	1025·3	0	-	0	o	66	75	6	4000	CuNb	10	-	10	*
Birmingham (Edgbaston)	1025·8	0	WSW	3	o	69	65	8	5700	Cu	9	-	9	•
Cranwell	1025·1	-1	W'S	3	o	72	75	8	4000	StCu	9	-	9	0
Gorleston	1024·8	0	NE'N	1	c-	63	75	6	5700	StCu	8	-	8	•
Valencia (Cahirciveen)	1026·3	0	S'E	4	od₀	58	97	6	450	St	10	-	10	1
Roches Point	1027·4	0	SW	3	o-	58	92	8	2500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1027·9	0	W	3	c/f	57	92	8	1500	StCu	7	-	7	•
Ross-on-Wye	1025·6	-1	N	2	c	66	75	8	4000	Cu	8	-	8	0
Leafield	1025·4	-1	SW	3	o+	70	65	8	4000	Cu	10	-	10	*
Andover	1026·4	0	W'N	3	c-	70	65	8	4000	Cu	5	Ci	7	0
S. Farnborough	1026·1	-1	W	3	bc	74	65	7	2500	Cu	4	Ci	5	0
London (Kew Obsy.)	1026·0	-1	NW	2	b	71	65	8	4000	Cu	3	-	3	0
Croydon	1025·7	-1	NW	2	c	73	55	7	4000	Cu	6	Ci	7	0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1025·5	0	W'S	3	b	76	55	8	2500	Cu	2	Ci	3	•
Felixstowe	1025·1	0	WSW	1	bc	78	45	6	5700	Cu	4	-	4	0
Lympne	1025·8	+1	S	2	o+	66	75	6	2500	StCu	10	-	10	0
Scilly (St. Mary's)	1028·6	0	-	0	o	54	92	7	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1029·1	0	NNW	1	o	61	85	8	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1027·8	0	NW	1	o-	65	75	8	1500	StCu	9	-	9	0
Portland Bill	1026·7	0	NW	3	b-	60	85	7	4000	Cu	1	-	1	•
Southampton (Calshot)	1027·0	-1	SSW	3	bc-	64	75	8	4000	Cu	4	Ci	5	0
Dungeness	1026·2	0	WSW	3	c+	60	85	6	2500	StCu	8	-	8	•
Guernsey	1028·2	-1	WNW	2	o	54	85	7	2500	StCu	10	-	10	•

Observations at 1800 G.M.T. 25

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	1017·9	0	SW	1	or₀	54	92	6	4000	Nb	6	ASt	10	0
Stornoway	1016·4	-2	SW	2	oPR	54	97	6	450	St	10	-	10	1
Wick	1017·9	-1	SSW	3	or₀r₀	53	97	8	1500	Nb	8	ASt	10	0
Castlebay	1017·0	-2	SSW	3	oDD	55	97	6	800	Nb	10	-	10	3
Nairn	1017·6	•	-	0	o	61	85	8	1500	CuNb	9	-	9	•
Aberdeen	1019·2	-1	S	3	c	60	75	6	4000	StCu	8	-	8	0
Malin Head	1019·7	-1	W	4	c-	63	75	8	4000	CuNb	7	ACu	8	1
Renfrew	1021·0	-1	WSW	4	bc-	62	92	8	1500	StCu	6	-	6	•
Edinburgh (Inchkeith)	1019·9	-2	SW	4	c-	60	85	8	•	Cu	4	ACu	8	2
Leuchars	1019·9	-2	WSW	5	e-	64	75	7	2500	StCu	6	ACu	8	•
Eskdalemuir	1022·5	0	SW	4	ojp	58	97	6	1500	St	10	-	10	•
Tynemouth	1023·2	-1	SW	1	o	68	65	6	1500	Nb	10	-	10	0
Blacksod Point	1021·4	+0	S	1	o	58	92	7	•	•	•	•	10	4
Donaghadee	1022·3	0	WSW	2	bc	67	75	8	450	Cu	2	ACu	5	2
Birr Castle	1023·9	•	SW	1	c-	66	85	7	2500	Cu	5	CiCu	8	•
Holyhead	1025·6	+0	SSW	4	o+	57	85	8	5700	StCu	9	-	9	3
Liverpool (Bidston)	1025·5	+0	SW	3	bc+	63	75	9	-	-	0	ACu	0	3
Chester (Shotwick)	1024·3	0	SW	3	bc	66	65	9	-	-	0	ACu	6	•
Harrogate	1024·0	0	SW	4	o	64	75	8	4000	Nb	9	-	9	•
Spurn Head	1024·6	-1	S	2	o	64	97	6	2500	Cu	9	-	9	•
Birmingham (Edgbaston)	1025·4	-0	WNW	3	bc	72	55	8	5700	Cu	3	Ci	4	•
Cranwell	1024·8	0	W	2	bc	72	65	8	4000	CuNb	1	ACu	5	•
Gorleston	1024·8	0	-	0	bc-	63	85	6	-	-	0	ACu	5	0
Valencia (Cahirciveen)	1026·1	0	S'W	3	o	58	97	7	800	St	10	-	10	3
Roches Point	1027·2	0	SW	2	o	57	92	8	2500	St	10	-	10	0
Pembroke (St. Ann's H.)	1027·6	-1	W'N	3	c	55	92	8	1500	St	7	-	7	3
Ross-on-Wye	1025·5	0	NW	3	b-	70	65	8	5700	StCu	2	Ci	3	•
Leafield	1025·6	-1	SW	3	c	69	75	6	4000	Cu	3	ASt	7	•
Andover	1026·2	0	W	3	bc-	70	75	8	4000	Cu	1	Ci	2	•
S. Farnborough	1025·6	-1	W	3	b-	74	65	8	2500	Cu	3	-	3	•
London (Kew Obsy.)	1025·5	-1	WSW	1	b	75	55	8	5700	Cu	2	-	2	•
Croydon	1025·5	-0	WNW	2	bc-	74	55	8	4000	StCu	4	-	4	•
Clacton-on-Sea	1025·3	0	S	3	c	68	85	6	4000	Cu	8	-	8	0
Shoeburyness	1025·6	0	WSW	1	o+	72	65	8	2500	StCu	7	Ci	9	•
Felixstowe	1025·5	+1	S	2	o	71	75	6	5700	StCu	9	-	9	0
Lympne	1025·9	0	SE'E	3	c	61	92	6	5700	StCu	6	ACu	8	•
Scilly (St. Mary's)	1028·6	0	-	0	o	58	85	8	4000	StCu	10	-	10	0
Falmouth (Pendennis)	1028·6	-1	NNW	1	c-	60	85	8	5700	StCu	8	-	8	0
Plymouth (Cattewater)	1027·2	0	NW	3	b-	65	85 (75)	8	4000	Cu	1	-	1	•
Portland Bill	1026·7	0	WNW	3	b	60	85	7	4000	Cu	1	-	1	5
Southampton (Calshot)	1026·1	-1	WSW	5	b-	66	75	8	4000	Cu	1	-	1	0
Dungeness	1026·0	-1	SW	3	o+	57	97	3	220	St	10	-	10	3
Guernsey	1028·1	-1	-	0	o	57	97	6	1500	StCu	10	-	10	0

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset, hrs. Yesterday	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility 9h.
(24 HOURS ENDED 0900 G.M.T. 26)													
Kew	18	ob	bycy	bybbbmw	•	•	50	-	-	8·5	•	•	6
Croydon (24 hours ended 0700)	244	cbczy	cbcy	bcwybw			48	-	-	11·7	•	•	6
Greenwich (Royal Obsy.)	149	bbcc	c	b	81	57	45	-	-	11·4	54	65	7
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	10·8	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	77	59	54	-	-	11·8	51	68	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	11·3	•	•	•
Camden Square	110	bc	cbcb	•	79	59	55	-	-	•	•	61	•
Kensington Palace	80	bcbc	bcobc	•	78	•	53	-	-	•	(At 18h) 55	64	•
Hampstead Observatory	450	•	•	•						12·4			•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 25

South Kensington Max.	Time.	Min.	Time.
1·0	17h·24th	0·3	2h·25th
0·6	8h·25th		

Kew Observatory Max.	Time.	Min.	Time.
Less than 0·3 all day			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 21 h. 45 m. to 26th 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	4·30	100
δ Ursae Minoris	4 30	4·30	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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
17h.	cg	7	5	130°
18h.				
6h.	-	-	-	-
7h.	CK	6	6	95°

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 26 & 27 June, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.33 / 3.33	11.55 / 11.56	8.18 / 8.18
Greenwich	3.43 / 3.46	12.2 / 12.3	8.19 / 8.19
Wick	3.8 / 3.9	12.14 / 12.15	9.20 / 9.20
Valencia	4.23 / 4.24	12.43 / 12.44	9.3 / 9.3

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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—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, 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.

For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 25	13h.-18h. 25	18h. 25 to 1h. 26	1h.-7h. 26	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN 25 Hours.
Lerwick	oc	cocom	o	o	57	50	.	0.4	Trace	15.30	2100	4.0
Stornoway	c	p	r-d	rrff	58	49	.	2	16	-	2100	0.2
Wick	oo	[illegible]	orr	[illegible]	57	50	.	0.1	6	17.30	2100	.
Castlebay	od	D	drr	rr	56	54	.	1	4	11.00	2100	0.0
Nairn	cq	cqo	cdq	cbc	[illegible]	56	.	-	0.6	-	2100	0.4
Aberdeen	coc	[illegible]	coco	co	66	58	56	-	4	-	[illegible]	8.0
Malin Head	oimd	[illegible]	co	comr	66	66	.	0.3	1	[illegible]	0330	0.9
Renfrew	odoq	[illegible]	oqr	[illegible]	62	58	56	[illegible]	1	[illegible]	2100	0.5
Edinburgh (Inchkeith)	oo	oo	c	c	61	58	56	-	-	-	-	4.9
Lerwick	bcoco	coc	co	oqfo	65	60	54	-	-	-	-	5.0
Eskdalemuir	codom	[illegible]	ojpof	ofom	59	54	55	0.3	-	0900	-	3.1
Tynemouth	oo	oo	c	c	70	59	56	-	-	-	-	.
Blacksod Point	ococ	opcc	pp	pp	61	55	.	2	0.4	-	-	.
Donaghadee	oo	cd	c	c	68	58	.	0.3	-	11.00	-	.
Birr Castle	co	co	co	co	65	56	54	-	-	-	-	2.4
Holyhead	oc	cbc	come	mcd	61	54	54	-	Trace	-	0530	5.1
Liverpool (Bidston)	ocbc	bcoq	bcbm		69	54	51	Trace	-	13.30	-	6.0
Chester (Shotwick)	ocy	cocv	bcubb	bbcc	73	52	45	-	-	-	-	5.4
Harrogate	c	c	c	c	70	56	53	Trace	-	13.30	-	1.9
Spurn Head	c	c	cbcbw	b-bc	69	58	.	-	-	-	-	4.6
Birmingham (Edgbaston)	co	obc	bcb	bbcc	73	52	44	-	-	-	-	7.6
Cranwell	oco	cbc	c	b-bc	76	53	49	-	-	-	-	1.6
Gorleston	bmcom	cqwc	om	ombm	69	58	[illegible]	-	-	-	-	6.4
Valencia (Cahirciveen)	omido	odoo	od	oop	59	55	53	Trace	0.5	-	2100	0.0
Roches Point	oo	co	omq	co	59	54	.	-	Trace	-	-	*
Pembroke (St. Ann's H.)	opmrf	c	oo	offc	59	54	.	Trace	-	0600	-	0.4
Ross-on-Wye	cbcoc	cbc	bbw	bwbcb	72	48	47	-	-	-	-	4.5
Leafield	co	c	cbc	ffofo	72	53	45	-	-	-	-	5.0
Andover	omc	bcb	bbm	bccom	73	52	52	-	-	-	-	8.6
S. Farnborough	mcebc	cbcb	b	bf	77	51	48	-	-	-	-	8.4
London (Kew Obsy.)	ob	bycy	byb	bbmw	76	49	50	-	-	-	-	8.5
Croydon	cbc3y	cbcy	bcwybw	bw	76	55	48	-	-	-	-	11.7
Clacton-on-Sea	cbccz	cbccz	cbcz	bcbcw	76	58	56	-	-	-	-	9.6
Shoeburyness	bby	bybcco	ocbc	bm	78	54	*	-	-	-	-	9.8
Felixstowe	bcm3y	bcy20	ob	bbwm	80	61	55	-	-	-	-	8.7
Lympne	bcocmp	c	coF	off	72	52	46	Trace	-	12.30	-	6.3
Scilly (St. Mary's)	oo	oo	oo	ofd	61	53	.	-	0.4	-	0230	0.0
Falmouth (Pendennis)	co	co	co	co	62	54	.	-	-	-	-	0.2
Plymouth (Cattewater)	oo	cbcb	byo	odod	67	53	.	-	Trace	-	0230	7.0
Portland Bill	bbc	b-bc	b-bc	F	61	55	.	-	-	-	-	
Southampton (Calshot)	ocbc	bcb	bw	bwoffc	74	53	51	-	-	-	-	7.9
Dungeness	c	comf	f-m	bcco	67	55	.	-	-	-	-	
Guernsey	oo	old	o	owf	61	53	.	Trace	-	1430	-	

ISALLOBARS.

26th June 1924.

POSITION NUMBERS

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	0900 25th	Cambria	SSW	3	c	54	56	8
3	0200 26th	Arundel	-	0	D+	55	55	6

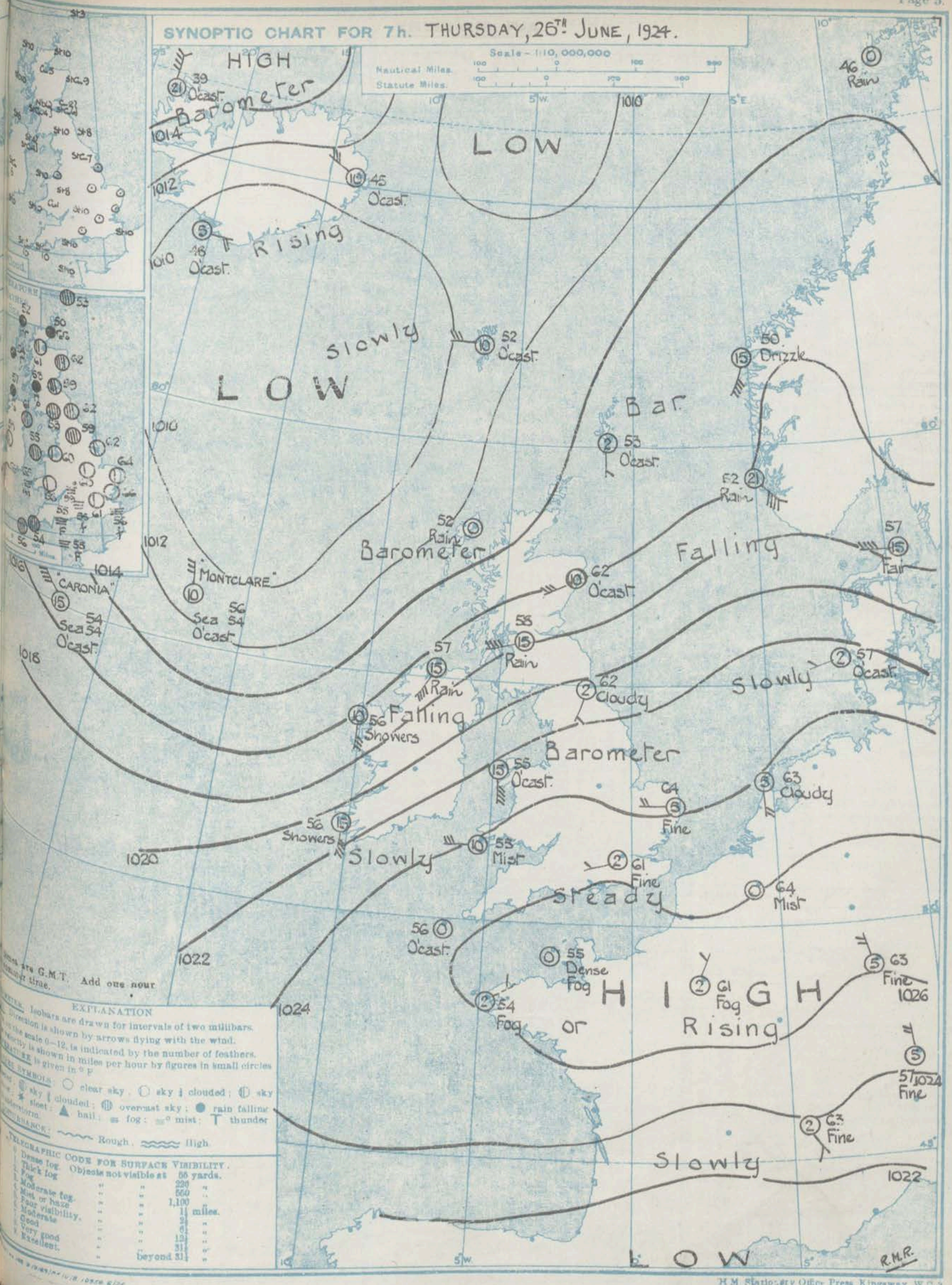
GENERAL INFERENCE.

Pressure is now highest over Northern France and the English Channel and there is a V-shaped depression off our northwest coasts which will probably move slowly east. Fair, warm weather is likely to continue over South-east England, but there will be rain locally in Scotland and North-west England with lower temperatures than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 26th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light winds, mainly from S.W.; fine; some morning mist; very warm.	No material change in the southeast of England; becoming mainly fair in the North; cloud and fog on south-west coasts likely to disperse.
5. S.W. England 6. South Wales	Light winds, mainly from S.W.; fair to cloudy; some mist, coastal fog in places; warm.	
7. North Wales 8. N.W. England	Wind S.W., light or moderate; mainly fair but risk of rain locally later; coastal fog in places moderate temperature to rather warm.	
9. N. Midlands 10. N.E. England	Wind S.W., light or moderate; fair; some morning mist; very warm.	
11. E. Scotland 12. S.W. Scotland	Wind S.W., light or moderate; fair; some morning mist; rather warm.	
13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light or moderate southwesterly winds; mainly cloudy, occasional rain or drizzle; visibility moderate or good; rather lower temperature than of late.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W., veering towards N.W. later, moderate; mainly cloudy, occasional rain; visibility moderate to good; 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 opposite page.



Times are G.M.T. Add one hour for summer time.

EXPLANATION

PRESSURE. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force on the scale 0—12, is indicated by the number of feathers. Velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: clear sky; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.

SEA DISTURBANCE: Rough; High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0	Dense fog.	Objects not visible at	55 yards.
1	Thick fog	" "	220 "
2	Fog	" "	550 "
3	Moderate fog.	" "	1,100 "
4	Mist or haze	" "	1¼ miles.
5	Poor visibility.	" "	2 "
6	Moderate	" "	6 "
7	Good	" "	12 "
8	Very good	" "	31 "
9	Excellent.	" beyond	31 "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Thursday 26th June 1924. No. 178

Observations at 0100 G.M.T. 26th

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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1015.6	-2	-	0	0	51	92	7	2500	Sc	2	ASc	10
Stornoway	61	1015.2	-2	-	0	orr	•	•	4	•	•	•	•	•
Wick	81	1015.6	-2	-	0	oRR	53	97	6	1500	Sc	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1019.3	0	WSW	5	0+	59	85	7	4000	ScCu	9	-	9
Renfrew	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1017.8	-2	SW	4	bc	60	85	8	•	Sc	2	CiCu	6
Leuchars	34	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1021.9	-1	SW	2	bc-	60	85	6	1500	Nb	6	-	6
Blacksod Point	10	1019.9	-1	S	3	or$_0$	55	97	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1024.9	0	S'E'W	4	mmo	56	97	4	~~450~~ 2500	Sc	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1024.8	0	W	1	b	60	85	6	5700	ScCu	1	-	1
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	297	1025.1	0	W'S	1	b	57	97	7	-	-	0	-	0
Gorleston	15	1024.3	-1	-	0	0	61	92	6	-	-	0	ASc	10
Valencia (Cahirciveen)	39	1024.8	0	-	0	odd$_0$	55	92	6	-	Sc	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1027.0	-1	W	3	c	54	92	8	1500	Sc	8	-	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	63	•	•	•	•	•	•	•
Croydon	344	1025.8	0	SW	1	b-	58	97	6	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025.6	0	SE	1	FFo	56	97	1	4150	Sc	10	-	10
Scilly (St. Mary's)	131	1027.3	-1	-	0	0	56	92	7	4000	ScCu	10	-	10
Falmouth (Pendennis)	209	1027.7	-1	NW	1	0+	56	85	7	4000	ScCu	10	-	10
Plymouth (Cattewater)	82	-	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1026.2	0	-	0	b	55	92	6	-	-	0	-	0
Southampton (Calshot)	12	1026.5	-1	W	2	b	57	92	8	-	-	0	-	0
Dungeness	21	1026.9	0	SSW	2	b	58	97	6	-	-	0	-	0
Guernsey	-													

Observations at 0700 G.M.T. 26th

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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	1014.5	-2	S	1	o-	53	92	6	2500	Sc	3	ACu	9
Stornoway	1012.7	-1	-	0	orr	52	97	3	450	Sc	10	-	10
Wick	1014.0	0	-	0	or$_0$r$_0$	50	92	2	220	Sc	10	-	10
Castlebay	1014.7	-1	SW	4	or	54	97	6	1500	Nb	10	-	5
Nairn	1014.1	•	WSW	2	bc/r	61	75	8	4000	Cu	5	-	9
Aberdeen	1015.7	0	SW	3	o	62	75	8	4000	ScCu	9		3
Malin Head	1017.6	-1	SSW	4	or$_0$	57	92	7	1500	Sc	8	ACu	9
Renfrew	1018.6	-2	WSW	4	or$_0$	58	97	6	800	Nb	10	-	10
Edinburgh (Inchkeith)	1017.8	0	SW	4	c	59	85	8	•	ScCu	8	-	8
Leuchars	1018.4	0	SW	5	o	61	85	7	450	ScCu	9	-	9
Eskdalemuir	1020.7	-1	SSW	3	o/f	55	97	6	450	Sc	10	-	10
Tynemouth	1021.1	0	SSW	1	c	62	85	6	1500	Sc	8	-	8
Blacksod Point	1017.5	0	S	3	obr$_0$	56	92	7	•	•	•	•	10
Donaghadee	1019.7	-1	SW	3	c-	61	92	8	800	Sc	8	-	8
Birr Castle	1021.3	•	S	2	c	58	85	6	1500	ScCu	8	-	8
Holyhead	1023.0	-2	S	4	o	55	97	7	800	Sc	10	-	10
Liverpool (Bidston)	1023.4	0	SE'S	1	b	60	85	6	-	-	0	CiCu	1
Chester (Shotwick)	1023.1	0	S	1	c	61	85	8	4000	Cu	2	CiCu	7
Harrogate	1022.7	-2	S	2	o	59	85	6	4000	ScCu	7	ASc	9
Spurn Head	1023.8	0	-	0	b	62	85	6	-	-	0	CiCu	2
Birmingham (Edgbaston)	1024.8	0	SW	2	c-	55	97	7	1500	Sc	8	-	8
Cranwell	1024.3	0	WSW	3	b	60	85	6	-	-	0	ACu	2
Gorleston	1023.7	-1	W	2	b-	64	85	6	-	-	0	CiCu	2
Valencia (Cahirciveen)	1022.8	+1	S	4	obr$_0$	56	92	7	1500	Sc	8	ASc	10
Roches Point	1024.9	0	SW	2	o	56	85	8	2500	Sc	10	-	10
Pembroke (St. Ann's H.)	1024.9	-3	W	3	imo	56	97	4	800	Sc	10	-	1
Ross-on-Wye	1025.0	0	SSW	2	b	56	85	6	2500	Cu	1	-	10
Leafield	1025.5	0	W	2	mo-	59	97	4	220	Sc	10		
Andover	1026.4	0	WNW	2	o	54	97	4	220	Sc	10	-	10
S. Farnborough	1025.7	0	WNW	1	fb-	55	97	2	-	-	0	-	0
London (Kew Obsy.)	1025.8	+1	WSW	1	b	61	85	6	-	-	0	Ci	1
Croydon	1025.7	0	SSW	1	b	64	75	6	-	-	0	-	0
Clacton-on-Sea	1024.8	0	WNW	1	b	64	85	6	-	-	0	-	0
Shoeburyness	1025.6	0	-	0	b/f	67	85	6	-	-	0	-	0
Felixstowe	1025.0	0	-	0	b	66	85	6	-	-	0	-	0
Lympne	1025.2	0	SE	1	FFo	57	97	1	4150	Sc	10	-	10
Scilly (St. Mary's)	1025.8	-2	-	0	o	56	97	8	4000	ScCu	10	-	10
Falmouth (Pendennis)	1026.0	-1	-	0	o	54	97	6	4000	ScCu	10	-	10
Plymouth (Cattewater)	1025.9	0	WSW	1	odd$_0$	55	97	6	220	Nb	10	-	10
Portland Bill	1025.8	0	W	1	FFo	55	97	1	150	Sc	10	-	10
Southampton (Calshot)	1026.3	0	WNW	2	ffo	55	97	2	4150	Sc	10	-	10
Dungeness	1026.0	0	SW	3	fo+	56	92	2	220	Sc	10	-	10
Guernsey	1026.6	0	-	0	FFo	55	97	0	4150	Sc	10		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 24-25 °F.	Temperature. Max. Day. 25 °F.	Rainfall.† Night 17h.-9h. 24-25 mm.	Rainfall.† Day 9h.-17h. 25 mm.	Sunshine. Sunrise to 17h. 25 hr.	Sunshine. Sunrise to Sunset. 24 hr.
Berwick-on-Tweed	cbcbr	bcc	53	65	-	-	6.8	11.0
Douglas (Io M)	o	id$_0$	55	63	0.3	-	0.2	11.9
Llandudno	cb	ccb	58	68	-	-	3.7	5.4
Colwyn Bay	bc	bc	56	69	-	-	4.5	4.7
Rhyl	cbc	bccbc	58	70	-	-	4.3	6.2
Southport	moc	bcbbc	57	68	-	-	4.5	8.5
Blackpool	occ	c	56	67	-	-	1.6	4.3
Ilkley	c	b	52	70	-	-	1.3	9.4
Skegness	cb	bbc	57	79	-	-	6.6	10.3
Aberystwyth	occ	o	56	61	-	-	0.0	0.3
Bath	oc	bccb	58	69	-	-	4.9	5.7
Leamington Spa	c	c	55	74	-	-	6.6	5.4
Lowestoft	ocbcco	occbcco	57	67	-	-	5.8	5.0
Felixstowe	bz	cm	60	78	-	-	8.2	7.0
Harwich & Dovercourt	otcb	bcc	60	79	-	-	9.0	8.0
Southend	b	bbco	60	81	-	-	10.3	7.8
Ilfracombe	ofec	cbf	57	60	0.3	-	1.1	1.8
Bude	m	co	57	62	-	-	1.2	4.4
Paignton	ocbc	bc	56	69	-	-	8.2	5.1
Torquay	bcco	b	57	70	-	-	7.5	0.8
Jersey	og	g	57	64	-	-	0.0	7.4
Weymouth	oc	b	58	72	-	-	5.7	7.5
Bournemouth	oo	bbc	56	75	-	-	5.5	9.9
Portsmouth (S'thsea)	ocb	b	58	76	-	-	6.9	11.5
Littlehampton	bc	bc	53	71	-	-	10.6	8.4
Worthing	b	bcb	56	74	-	-	10.3	9.7
Brighton	b	b	59	77	-	-	10.0	11.1
Eastbourne	b	b	58	73	-	-	11.2	11.8
Hastings	b	bbcb	59	73	-	-	10.4	9.7
Folkestone	b	bm	54	69	-	-	6.9	6.0
Dover	mbbc	mcof	55	66	-	-	6.3	9.5
Tunbridge Wells	b	bbc	56	78	-	-	10.1	6.2
Ramsgate	bbcom	om	58	66	-	-	5.7	5.8
Margate	bbcc	ocbc	61	73	-	-	7.3	8.4
Deal	mbb	bcm	56	70	-	-	14.0	

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. ‡ See footnote page 1

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22863 Friday 27th June 1924.

Observations at 1300 G.M.T. 26th

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	1012·8	-2	S	1	obr$_0$	55	85	6	4000	Nb	6	ASt	10	•
Stornoway	1010·1	-3	SW	2	orr	57	97	5	450	St	10	-	10	•
Wick	1011·4	-4	SW	3	or$_0$r$_0$	58	97	7	1500	Nb	10	-	10	•
Castlebay	1012·3	-2	SW	5	orr	54	97	5	800	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1014·0	-2	SW	4	o	66	75	7	2500	StCu	7	ASt	8	0
Malin Head	1015·4	-2	SW	4	o/r	59	85	8	2500	Nb	8	ACu	9	•
Renfrew	1016·9	-3	SW	4	o/r	63	92	6	1500	StCu	10	-	10	1
Edinburgh (Inchkeith)	1016·1	-2	SW	4	orr	57	75	6	•	Nb	10	-	10	•
Leuchars	1016·2	-1	WSW	4	o/r	60	42	7	1500	St	8	ASt	10	5
Eskdalemuir	1019·2	-2	SSW	6	odd	54	97	4	<150	Nb	10	-	10	1
Tynemouth	1016·9	-2	SW	3	c	65	75	7	4000	StCu	8	-	8	•
Blacksod Point	1015·6	-2	S	3	odd	58	92	7	•	•	•	•	10	•
Donaghadee	1018·2	0	SW	3	epr$_0$	62	75	8	800	St	7	-	7	•
Birr Castle	1020·9	*	S	1	or	57	97	6	2500	Nb	9	-	9	•
Holyhead	1021·7	-2	S'W	4	o	59	85	8	800	St	5	ACu	9	0
Liverpool (Bidston)	1021·5	-2	W'S	4	bc	64	65	8	?	?	?	?	?	•
Chester (Shotwick)	1021·4	0	SW	4	bc	69	59	9	4000	Cu	2	ACu	6	0
Harrogate	1020·0	-2	W'S	4	bc	71	55	6	800	St	3	ACu	5	•
Spurn Head	1020·8	-3	SW	3	bc	75	65	7	-	-	0	CiCu	6	*
Birmingham (Edgbaston)	1022·2	-3	WSW	3	b+	71	55	6	-	-	0	ASt	3	•
Cranwell	1022·9	-1	SSW	3	bc	75	55	7	-	-	0	CiSt	5	0
Gorleston	1021·9	-2	SW	3	b	78	55	6	5700	Cu	2	-	2	•
Valencia (Cahirciveen)	1021·4	-2	S'E	4	o/r	57	92	7	800	St	10	-	10	*
Roches Point	1024·0	0	SW'W	2	o	58	85	8	2500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1024·0	-3	SW	3	oD	56	92	3	800	St	9	-	9	•
Ross-on-Wye	1022·8	-2	SW	4	bc+	67	75	6	4000	Cu	1	Ci	5	0
Leafield	1022·3	-3	W	2	bc-	70	65	8	-	-	0	ACu	5	*
Andover	1023·9	-2	SSW	3	bc-	72	65	8	2500	Cu	3	Ci	5	0
S. Farnborough	1023·2	-2	WSW	4	b	77	55	9	2500	Cu	1	Ci	1	0
London (Kew Obsy.)	1022·9	-4	SW'W	3	b	74	55	9	4000	Cu	1	-	1	0
Croydon	1023·1	-3	SW	3	b	77	55	8	4000	Cu	1	Ci	1	0
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1023·2	-3	SSW	3	b	77	55	8	-	-	0	ACu	1	•
Felixstowe	1023·5	-3	S	3	b-	75	65	6	5700	Cu	1	-	1	0
Lympne	1024·1	-2	SSE	3	b/f	64	75	6	220	St	3	-	3	0
Scilly (St. Mary's)	1024·8	-1	SSW	1	o	61	85	8	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1024·8	-1	S	1	c	64	75	8	4000	Cu	8	-	8	•
Plymouth (Cattewater)	1024·9	-1	SSW	2	o	63	75	7	2500	StCu	9	-	9	0
Portland Bill	1024·7	-2	W	1	fo-	56	92	3	<150	St	10	-	10	•
Southampton (Calshot)	1024·7	-2	SW	4	b-	65	85	8	2500	Cu	2	-	2	0
Dungeness	1025·0	-1	SW	3	fo-	59	85	3	220	St	10	-	10	•
Guernsey	1025·0	-2	SW	2	ff$_0$	59	92	3	800	St	10	-	10	•

Observations at 1800 G.M.T. 26th

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	1010·1	-5	SE	2	odd	51	97	5	800	St	10	-	10	1
Stornoway	1007·5	-3	SW	3	orr	56	97	5	450	St	10	-	10	2
Wick	1008·8	-4	SW	2	or$_0$	60	97	8	1500	Nb	8	CiSt	10	0
Castlebay	1009·6	-3	SW	5	od$_0$	54	97	6	800	Nb	10	-	10	5
Nairn	1009·9	•	SSW	4	c+	62	75	8	4000	CuNb	7	-	7	•
Aberdeen	1011·5	-3	SSW	3	c⊕	65	75	8	4000	StCu	4	CiSt	8	0
Malin Head	1013·4	-2	SW	5	o	59	85	7	1500	St	8	ASt	9	4
Renfrew	1014·7	-4	SSW	4	orr	57	97	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1014·5	-2	SW	4	o/r	59	85	8	•	St	7	ASt	10	2
Leuchars	1013·4	-3	WSW	5	o	61	75	7	1500	St	8	ACu	9	•
Eskdalemuir	1017·1	-2	SSW	4	or$_0$	54	92	7	1500	StCu	10	-	10	•
Tynemouth	1017·2	-2	WSW	2	c	62	65	6	1500	St	8	-	8	1
Blacksod Point	1015·0	0	S	4	or$_0$	58	92	7	•	•	•	•	10	6
Donaghadee	1017·1	-1	SW	2	cd$_0$	59	92	8	800	St	7	-	7	3
Birr Castle	1019·2	•	S	1	oPR	57	97	6	1500	Nb	9	-	9	•
Holyhead	1020·1	-2	SSW	4	or$_0$+	55	97	6	450	Nb	10	-	10	3
Liverpool (Bidston)	1020·1	-2	WSW	3	oPR+	60	75	8	1500	CuNb	10	-	10	3
Chester (Shotwick)	1020·1	-1	SW	4	o	63	65	9	4000	StCu	8	ACu	9	•
Harrogate	1018·6	-3	WSW	5	c	61	75	8	4000	StCu	5	CiCu	7	•
Spurn Head	1018·5	-3	SW	3	c	72	55	7	-	-	0	CiCu	7	1
Birmingham (Edgbaston)	1020·2	-2	SW	3	b	70	65	6	5700	Cu	1	Ci	3	•
Cranwell	1019·6	-2	W'S	3	b	75	55	7	-	-	0	CiSt	3	•
Gorleston	1019·8	-2	S	3	b	72	65	6	-	-	0	CiSt	2	0
Valencia (Cahirciveen)	1020·2	-2	S'E	5	or$_0$	56	92	6	800	St	10	-	10	4
Roches Point	1022·0	-2	SW	2	or$_0$r$_0$	56	92	7	1500	Nb	10	-	10	0
Pembroke (St. Ann's H.)	1022·2	-4	WSW	3	cjp	57	85	8	1500	StCu	7	-	7	3
Ross-on-Wye	1021·0	-3	SW	4	bc+	67	75	7	-	-	0	CiCu	4	•
Leafield	1020·7	-2	SW	3	bc	69	65	8	-	-	0	CiSt	5	•
Andover	1021·7	-2	SW'S	3	b-	69	65	8	-	-	0	Ci	3	•
S. Farnborough	1021·7	-3	SW'S	4	b	71	55	9	-	-	0	Ci	1	•
London (Kew Obsy.)	1021·1	-2	S'W	3	b	78	45	9	-	-	0	Ci	1	•
Croydon	1021·2	-2	SW'W	3	b	71	65	8	-	-	0	Ci	1	•
Clacton-on-Sea	1020·9	-2	S	4	b	69	75	7	-	-	0	Ci	2	2
Shoeburyness	1021·2	-2	SW'S	4	b	73	55	8	-	-	0	Ci	1	•
Felixstowe	1020·7	-4	S'W	3	b	70	75	7	-	-	0	Ci	1	1
Lympne	1021·9	-3	SSE	2	b	62	85	8	<150	St	<1	Ci	1	•
Scilly (St. Mary's)	1023·3	-1	-	0	o	60	85	8	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1022·9	-1	S	3	bc	61	85	8	4000	Cu	5	-	5	0
Plymouth (Cattewater)	1022·9	-2	S	2	b+	60	85	7	1500	StCu	2	-	2	0
Portland Bill	1022·5	-2	W	1	o/f	58	85	6	1500	St	10	-	10	3
Southampton (Calshot)	1023·0	-2	WSW	3	o	58	92	8 6	450	St	10	-	10	0
Dungeness	1022·5	-5	SW	3	FF$_0$	56	92	1	220	St	10	-	10	3
Guernsey	1023·1	-2	N	1	oF+	56	97	1	220	St	10	-	10	0

London Observations. (Weather, Temperature and Rainfall: 24 Hours ended 0800 G.M.T. 27th)

London Observations	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	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 } Croydon } 24 hours ended 0700	18	bbvy	bvy	bzywoc	•	•	54	-	-	14.7	•	•	6
	244	bzbcby	by	bpmeoc	•	•	52	-	-	13.2	•	•	8
Greenwich (Royal Obsy.)	149	b	b	bob	82	56	?	-	-	14.0	49	65	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	13.6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	78	58	56	-	-	14.6	50	66	•
Regent's Pk. (Botanic Gdns).	166	•	•	•	•	•	•	•	•	•	•	•	•
Camden Square	110	b	b	•	82	56	56	-	-	•	•	64	•
Kensington Palace	80	b	b	•	81	*	55	-	-	•	{At 18h [illegible]}	63	•
Hampstead Observatory	450	•	•	•						13.4			•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 26th

South Kensington			
Max.	Time.	Min.	Time.
0·6	22h. 25th	0·3	3h. 26th
1·0	7h. 26th		

Kew Observatory			
Max.	Time.	Min.	Time.
0·4	6-7h. 26th	0·3	22h. 25th
		<0·3	15h. 26th

Pole Star Record at Greenwich Obsy.

½ Exposure from 26 21 h. 45 m. to 27 2 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	4 30	2 25	53
δ Ursae Minoris	4 30	2 25	53

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 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).

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	C.C.2	6	3	75

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

.......26-27 June......, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·33	11·55	8·18
	3·33	11·56	8·18
Greenwich	3·45	12·2	8·19
	3·46	12·3	8·19
Wick	3·8	12·14	9·20
	3·9	12·15	9·20
Valencia	4·20	12·43	9·3
	4·21	12·44	9·3

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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

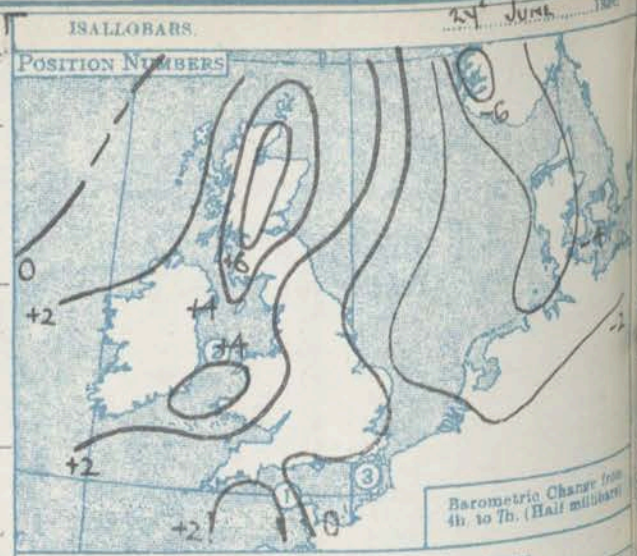
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	above 75

[1] For explanation see Introduction.
* Information for these columns not usually received.
‡ The barometric change is expressed in half millibars.
§ For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 26th	13h.-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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 26th Hours.
Lerwick	ompr	omrd	omrdf	omr	54	44	•	7	14	1100	<2100	0.4
Stornoway	r	r-d	rd	p	54	47	•	11	4	<0800	•	0.0
Wick	ff66	oir	oir	oir	61	48	•	2	3	<0800	<2100	•
Castlebay	rr	rrdd	ddo	o	55	51	•	2	0.6	<0800	-	0.0
Nairn	bepcg	becg	cgbg	cg	68	52	•	0.2	0.3	12.30	2400	3.2
Aberdeen	oigbpcco	oc	cbc	oeq	64	53	50	0.2	-	0900	-	0.4
Malin Head	ₙoir	com	omp	cq pr	60	51	•	1	2	<0800	<2100	0.0
Renfrew	oirq	odrq	oqddp	ogc	63	51	48	1	1	<0800	<2100	0.0
Edinburgh (Inchkeith)	orr	irₙo	oo	p	62	52	51	3	Trace	0900	0200	0.6
Leuchars	orₙ	coq	ooq	oc	67	54	49	0.4	-	11.00	-	2.6
Eskdalemuir	oforoumodbmo		oirm	oirmobc	57	49	46	2	6	0900	<2100	0.1
Tynemouth	c	c	cirₙo	co	64	53	52	-	0.1	-	<2100	*
Blacksod Point	dd	rd	cbc	cc	59	52	•	1	-	-	-	•
Donaghadee	cp	op	odoq	co	64	52	•	1	0.1	<0800	<2100	•
Birr Castle	coir	coPR	coPR	PRO	60	49	42	3	2	<0800	<2100	0.0
Holyhead	odₙo	prₙ	irₙm	irc	60	53	53	0.6	0	15.30	<2100	1.9
Liverpool (Bidston)	bc	bcop	ocr		68	55	53	Trace	1	-	0330	9.1
Chester (Shotwick)	cbc	bcov	oprₙo	oprₙ	73	56	54	-	0.2	-	<2100	8.4
Harrogate	c	b-bc	co	oc	74	54	52	-	1	-	-	8.5
Spurn Head	c	c	c	c	77	57	•	-	-	-	-	13.1
Birmingham (Edgbaston)	bbc	bcb	bbc	bc	73	53	51	-	-	-	-	11.5
Cranwell	b	b-bc	c	beco	77	55	51	-	-	-	-	10.8
Gorleston	bmb	b	b	bbeco	80	54	*	-	-	-	-	13.9
Valencia (Cahirciveen)	oirₙo	oirₙ	or	obec	54	52	44	4	4	<0800	<2100	0.0
Roches Point	o	orₙrₙ	rro	roc	59	54	•	1	4	16.30	<2100	*
Pembroke (St. Ann's H.)	oidfc	c	c	cpr	59	54	•	0.3	0.5	0900	0200	0.5
Ross-on-Wye	bcbbc	bcb	bcb	cbcc	70	52	49	-	-	-	-	13.0
Leafield	bc	bc	bcb	beco	71	50	45	-	-	-	-	12.2
Andover	omebc	bcb	b	bbc	73	54	53	-	-	-	-	10.5
S. Farnborough	fbbv	vvbbyy	bvyb	bmoc	79	55	51	-	-	-	-	12.1
London (Kew Obsy.)	bbry	bvy	bzybw	bwoc	78	58	54	-	-	-	-	14.4
Croydon	bzbcby	by	bome	oc	78	55	54	-	-	-	-	15.2
Clacton-on-Sea	bz	bzb	bbc	bco	72	54	55	-	-	-	-	14.4
Shoeburyness	bby	by	bybeco	oc	49	55	*	-	-	-	-	13.9
Felixstowe	bmbcb	b	bbec	covmo	76	56	54	-	-	-	-	14.8
Lympne	afcbc	by	beof	oF	69	52	51	-	Trace	-	-	8.9
Scilly (St. Mary's)	oo	oo	oybc	coc	63	53	•	-	-	-	-	0.1
Falmouth (Pendennis)	co	cobc	beco	cobec	63	55	•	-	-	-	-	4.4
Plymouth (Cattewater)	oo	cbcb	b	bbeco	64	54	*	-	-	-	-	4.0
Portland Bill	f	f-m	c	fm	58	53	•	-	-	-	-	
Southampton (Calshot)	ofmcbc	bcoco	oo§§	c	69	55	55	-	-	-	-	5.8
Dungeness	off	off	off	ofmo	64	53	•	-	-	-	-	•
Guernsey	ofmf	offFFo	offe	off mm	60	53	•	-	-	-	-	•

ISALLOBARS. 24th June 1924.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility
2	26th 0900	CAMBRIA	S	5	c	54	54	5
1	" 1100	IBEX	W	2	fb.	54	55	1
3	24th 0200	BRIGHTON	W	3	ffb	55	56	

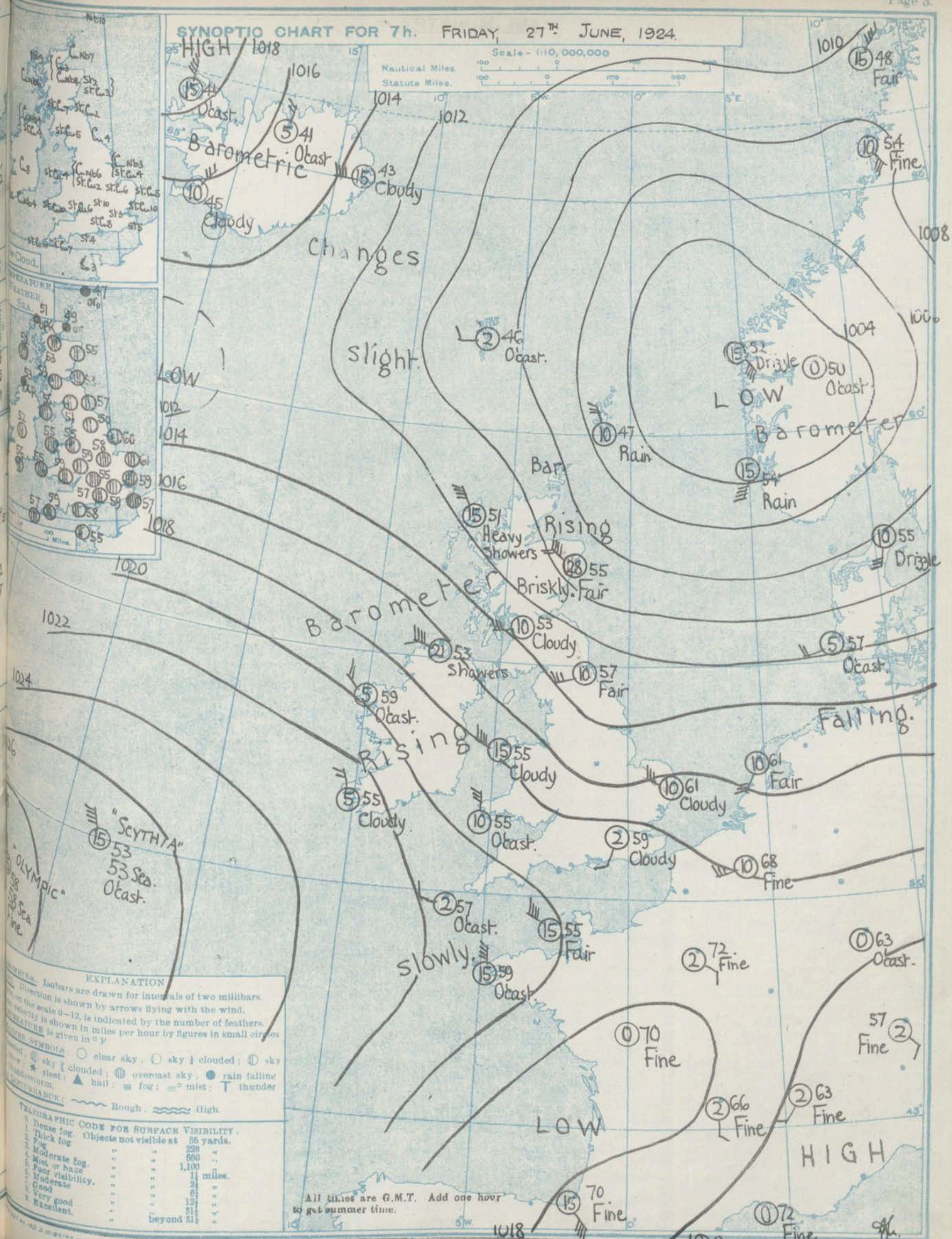
GENERAL INFERENCE.

A wedge of high pressure is likely to spread across the British Isles in the rear of a depression which is moving eastwards across Southern Norway. Fair warm weather with light northwesterly winds is probable in the South and moderate northwesterly to westerly winds with mainly fair weather in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 27th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light or moderate northwesterly winds; fair; visibility moderate or good; warm.	With-held.
4. W. Midlands 5. S.W. England 6. South Wales	Light N.W. wind; fair; visibility moderate or good; warm.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate N.W. to W. winds; fair; visibility good; rather warm.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Moderate or fresh northwesterly winds; decreasing, backing later to S.W; mainly fair; visibility good; moderate temperature to rather warm.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate or fresh N.W. wind, decreasing temporarily, backing later to S.W; mainly fair; cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.W., backing to S.W., moderate; mainly fair; visibility good; moderate temperature to rather warm.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0910 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



A.M. Sutherland Office Press, Kingsway, W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Friday...27th June.....1924. No. 179....

Observations at 0100 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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1005.6	-4	SSE	1	orr	51	94	6	800	St	10	-	10
Stornoway	51	1009.6	+2	SW	4	orr	•	•	4	•	•	•	•	•
Wick	81	1004.2	-3	SW	3	or	56	94	8	1500	Nb	8	Ci St	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1014.5	+3	WNW	3	cpr	52	92	8	4000	CuNb	7	-	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1009.8	-4	SW	4	c-	54	85	8	•	St	4	A St	8
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1013.2	-3	WSW	2	0	59	45	7	1500	St	10	-	10
Blacksod Point ...	10	1018.3	+1	NW	2	bc	52	92	7	•	•	•	•	6
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1014.4	-2	SW'S	4	orr	54	94	6	800	Nb	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1016.1	-3	SW'S	2	c	58	92	7	5400	StCu	5	ACu	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1014.4	-3	W'S	3	bc	54	92	7	4000	StCu	6	-	6
Gorleston	13	1018.5	-3	WSW	1	b	61	85	7	-	-	0	ACu	2
Valencia (Cahirciveen)	39	1022.2	0	NW	1	0	54	94	8	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1019.8	-3	W	3	c	55	92	8	2500	StCu	7	-	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	239	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	61	•	•	•	•	•	•	•
Croydon	244	1019.0	-3	WSW	2	0+	54	94	5	800	St	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1020.1	-2	SW	3	FFO	55	94	1	<150	St	10	-	10
Scilly (St. Mary's) ...	131	1021.4	-2	WSW	2	c+	56	94	8	4000	StCu	8	-	8
Falmouth (Pendennis)	209	1021.9	-2	WNW	2	0	56	85	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1020.1	-4	SW	1	0+	56	92	6	1500	St	10	-	10
Southampton (Calshot)	12	1019.8	-3	WSW	2	0+	54	92	7	1500	St	10	-	10
Dungeness	21	1019.6	-3	SW	3	FFO	54	97	1	225	St	10	-	10
Guernsey														

Observations at 0700 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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun 0-9
Lerwick	1004.3	+2	NNW	3	orr	47	94	6	4000	Nb	10	-	10	2
Stornoway	1011.8	+2	NNW	4	oPR	51	92	6	450	Nb	9	-	9	3
Wick	1008.4	+4	NW	4	or	49	94	8	1500	CuNb	7	Ci St	10	3
Castlebay	1014.4	+1	WNW	4	o-	52	85	8	2500	St	9	-	9	•
Nairn	1011.1	•	W	3	c	53	75	8	4000	CuNb	7	-	7	•
Aberdeen	1009.6	+5	NW	6	bc	55	75	8	1500	StCu	5	-	5	0
Malin Head	1016.4	+1	WNW	5	cpr	53	85	8	4000	StCu	8	-	8	4
Renfrew	1014.3	+4	WNW	3	c	53	85	8	1500	StCu	7	-	7	•
Edinburgh (Inchkeith)	1011.5	+5	W	5	bcr	53	75	8	•	StCu	7	A Cu	4	3
Leuchars	1010.3	+6	WNW	4	c	54	65	8	4000	StCu	7	-	7	•
Eskdalemuir	1014.2	+2	WNW	7.5	bc	51	75	8	2500	StCu	3	-	3	•
Tynemouth	1012.4	+1	WSW	3	bc	54	75	7	1500	Cu	4	Ci	6	•
Blacksod Point ...	1019.4	+2	NW	2	0+	59	75	9	•	•	•	•	10	3
Donaghadee	1017.0	+2	WNW	4	c+	55	85	8	225	St	7	-	7	4
Birr Castle	1019.8	•	S	1	c-	52	94	6	2500	Cu	8	-	8	•
Holyhead	1018.3	+3	NNW	4	c	53	92	8	4000	StCu	4	Ci	8	3
Liverpool (Bidston) ...	1017.1	0	W	5	c-	55	92	7	2500	CuNb	8	-	9	•
Chester (Shotwick) ...	1017.1	+2	WNW	5	cpr	54	85	8	800	St	9	-	9	•
Harrogate	1013.9	-2	SW	5	b	57	85	8	1500	StCu	3	-	3	4
Spurn Head	1014.8	-1	SW	5	c	60	85	7	4000	StCu	7	A Cu	7	•
Birmingham (Edgbaston)	1017.5	0	WNW	4	bc	59	85	7	1500	St	3	A Cu	3	•
Cranwell	1016.3	0	W'S	2.5	0+	58	85	7	4000	StCu	6	Ci Cu	7	0
Gorleston	1016.6	-2	WNW	3	c-	61	75	6	5400	StCu	5	-	5	•
Valencia (Cahirciveen)	1022.5	+3	NNW	2	c+	55	85	8	1500	StCu	5	ACu	8	2
Roches Point	1021.8	+3	NNW	2	c	56	85	8	2500	CuNb	4	Ci	10	3
Pembroke (St. Ann's H.)	1019.4	+3	N	3	0	55	92	8	2500	StCu	10	-	7	•
Ross-on-Wye	1018.0	0	W'S	3	c	59	85	8	4000	StCu	6	Ci Cu	10	•
Leafield	1018.1	+1	W	2	0+	55		6	1500	St	10	-		•
Andover	1019.1	0	W'S	3	b	58	89	8	800	StCu	2	ACu	3	•
S. Farnborough ...	1018.4	0	W'S	3	c-	54	85	7	1500	StCu	8	-	8	•
London (Kew Obsy.) ...	1018.3	+1	SSW	2	c-	59	75	8	4000	St	3	Ci St	7	•
Croydon	1018.6	+1	WNW	2	c-	54	75	7	1500	St	4	Ci St	8	•
Clacton-on-Sea ...	1014.5	0	WSW	4	0+	59	85	7	4000	StCu	10	-	10	1
Shoeburyness	1014.8	0	WNW	3	c-	54	75	8	4000	StCu	7	-	7	•
Felixstowe	1014.5	0	WSW	4	0	60	85	6	1500	StCu	10	-	10	1
Lympne	1018.2	0	W	3	0	55	94	6	450	St	7	Ci St	9	•
Scilly (St. Mary's) ...	1021.5	0	NNW	1	0+	54	92	7	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1021.4	+1	NW	1	c+	59	85	8	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1019.7	0	WNW	2	0+	54	85	8	1500	St	9	-	9	0
Portland Bill	1018.6	+1	WNW	2	bcf	58	75	7	1500	St	4	-	4	0
Southampton (Calshot)	1019.5	0	W'N	4	bf	59	75	8	-	-	0	ACu	1	3
Dungeness	1018.4	+1	W	3	bf	54	94	6	1500	St	5	Ci Cu	10	1
Guernsey	1020.2	+2	NW'N	4	bc	55	94	7	4000	Cu	3	A Cu	5	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....26th June 1924.....

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 25th-26th	Temperature. Max. Day. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 26th	Sunshine. Sunrise to Sunset. 25th
			°F	°F.	mm.	mm.		hr.
Berwick-on-Tweed	ccogc	ccgjc	58	62		-	6.8	6.1
Douglas (IoM) ...	oorR	oRR	53	63	-	4	0.0	0.7
Llandudno	c	cbc	56	66	-	-	6.1	5.7
Colwyn Bay ...	c	c	57	68	-	-	6.3	6.3
Rhyl	bc	bcco	52	64	-	-	7.2	5.8
Southport	cocbc	bccoc	56	67	-	-	4.6	5.7
Blackpool	obcbc	boc	57	64	-	0.1	2.6	1.8
Ilkley	bbcbc	b	55	73	-	-	6.5	2.1
Skegness	bcb	b	56	79	-	-	11.5	6.6
Aberystwyth ...	occ	b	55	62	-	-	1.5	0.0
Bath	ocbcb	bbc	55	72	-	-	6.0	7.4
Leamington Spa ...	bc	bc	54	74	-	-	8.9	8.2
Lowestoft	b	b	58	74	-	-	12.5	6.5
Felixstowe	bz	bm	59	72	-	-	12.0	09.3
Harwich & Dovercourt ..	b	bz	59	76	-	-	12.3	9.9
Southend	b	b	60	81	-	-	12.0	10.8

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 25-26	Temperature. Max. Day. 26	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 26th	Sunshine. Sunrise to Sunset. 25th
			°F	°F.	mm.	mm.		hr.
Ilfracombe	obf	cfc	55	60	-	-	3.3	1.1
Bude	wecc	bcbc	54	63	-	-	3.6	1.2
Paignton	obcco	b	54	69	-	-	3.4	9.6
Torquay	mocc	b	54	68	-	-	0.0	0.0
Jersey	f	fb	54	69	-	-	4.3	8.4
Weymouth	o	o	54	68	-	-	0.0	
Bournemouth ...	fcc	bb	54	66	-	-	3.0	8.2
Portsmouth (S'thsea)	wombc	b	52	71	-	-	7.7	9.4
Littlehampton ...	bo	cm	51	65	-	-	7.5	13.5
Worthing	bbc	o	55	69	-	-	7.2	13.1
Brighton	b	c	58	64	-	-	6.1	12.6
Eastbourne	b	b	57	69	-	-	12.4	13.8
Hastings	fb	b	57	66	-	-	10.3	12.7
Folkestone	f	bcf	55	67	-	-	2.4	8.0
Dover	f	f	55	59	-	-	12.3	12.2
Tunbridge Wells ...	b	b	56	76	-	-	11.4	5.8
Ramsgate	bw	bw	57	72	-	-	11.1	8.6
Margate	bbc	b	59	77	-	-	11.6	4.2
Deal	bb	bb	55	75	-	-		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22864 SATURDAY 28th JUNE 1924. Page 1.

Observations at 1300 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	1009.4	+5	NW	3	ojp	50	75	7	800	St	10	·	10	·
Stornoway	1012.9	+2	NNW	4	c-	56	46	6	4000	Nb	8	·	8	·
Wick	1011.0	+3	NW	4	cpr₀	53	85	8	1500	CuNb	7	-	7	·
Castlebay	1016.0	0	WNW	4	c	55	75	8	4000	StCu	7	-	7	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1012.9	+3	NW	5	cpr₀	56	65	8	2500	CuNb	7	·	7	0
Malin Head	1018.2	+2	WNW	5	bcpr₀	57	75	8	5700	CuNb	4	Ci	4	·
Renfrew	1015.5	+1	WNW	4	c	59	75	8	4000	StCu	7	-	7	1
Edinburgh (Inchkeith)	1013.5	+1	W	5	bc+	57	65	8	·	Cu	4	Ci	5	·
Leuchars	1013.3	+2	WNW	4	bc-	61	55	8	4000	StCu	6	-	6	0
Eskdalemuir	1015.6	0	~~NWW~~ WNW (red)	4	o	57	65	8	2500	StCu	9	-	9	1
Tynemouth	1014.5	+2	WSW	3	bc	65	55	8	1500	CuNb	6	-	6	·
Blacksod Point	1020.5	0	NW	3	ov	56	75	9	·	·	·	·	10	·
Donaghadee	1018.0	+1	N	1	bc-	56	85	8	800	CuNb	6	-	6	·
Birr Castle	1020.4	*	W	1	c	57	85	7	2500	Cu	8	-	8	·
Holyhead	1019.5	+1	W'N	4	o+	58	75	8	4000	StCu	8	ASt	9	1
Liverpool (Bidston)	1018.9	+1	W'N	4	c	57	75	8	1500	St	8	-	8	·
Chester (Shotwick)	1018.5	+1	NW	5	o+	60	65	9	2500	Cu	3	ASt	10	0
Harrogate	1016.2	+2	WSW	4	o	60	65	9	4000	StCu	7	ASt	10	·
Spurn Head	1015.9	+1	WNW	4	c	61	75	8	4000	StCu	7	-	7	*
Birmingham (Edgbaston)	1017.8	0	NNW	4	c	63	65	7	5700	Cu	6	ASt	8	0
Cranwell	1016.9	0	WNW	4	o	66	65	8	4000	StCu	5	CiSt	9	0
Gorleston	1016.7	0	WNW	3	o	66	65	7	-	-	0	ASt	10	·
Valencia (Cahirciveen)	1023.2	+1	NW	3	c-	57	75	9	2500	Cu	2	ACu	8	1
Roches Point	1022.2	0	NW	2	o	57	75	8	2500	StCu	10	·	10	·
Pembroke (St. Ann's H.)	1020.4	+1	N	3	c	58	75	8	2500	StCu	8	-	8	·
Ross-on-Wye	1017.6	0	WNW	4	c⊕	66	65	9	4000	Cu	3	CiSt	8	0
Leafield	1017.5	-2	W	3	o+	66	75	8	2500	Cu	10	-	10	0
Andover	1017.9	0	SW	1	c-	68	65	7	1500	StCu	8	·	8	0
S. Farnborough	1017.7	-1	W'N	3	o	68	75	8	1500	StCu	10	-	10	0
London (Kew Obsy.)	1017.8	-1	SW	2	c	67	65	8	4000	StCu	4	Ci	7	0
Croydon	1018.0	0	NW'N	2	o	65	65	8	4000	StCu	10	-	10	0
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1017.3	0	NW	4	c	68	65	8	2500	StCu	8	·	8	·
Felixstowe	1017.3	0	WNW	3	o	67	65	7	1500	StCu	10	·	10	0
Lympne	1016.7	-2	W	2	bc+	71	55	8	4000	Cu	6	-	6	0
Scilly (St. Mary's)	1021.1	0	WNW	2	o	61	85	8	4000	StCu	10	-	10	·
Falmouth (Pendennis)	1019.8	-1	N	3	c	63	75	8	4000	StCu	8	·	8	·
Plymouth (Cattewater)	1019.5	0	S	2	c	61	85	8	2500	StCu	8	-	8	0
Portland Bill	1018.6	0	W	3	o+	58	85	7	4000	StCu	10	-	10	·
Southampton (Calshot)	1018.5	-1	NNW	3	o	65	75	7	4000	StCu	9	-	9	0
Dungeness	1017.9	-1	WSW	4	b	63	75	6	-	-	0	CiCu	2	·
Guernsey	1019.9	-2	WNW	2	b	63	75	8	5700	Cu	1	CiSt	1	·

Observations at 1800 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	1010.7	+2	NW	2	cpr₀	47	85	7	4000	StCu	10	—	10	1
Stornoway	1013.5	+1	NNW	4	cpr₀	66	75	6	4000	Nb	8	-	8	3
Wick	1013.1	+2	ENW (red)	2 4 (red)	bc	55	97	8	4000	Cu	4	CiCu	5	0
Castlebay	1016.6	+0	WNW	4	bc-	54	75	8	4000	StCu	6	-	6	4
Nairn	1013.8	·	W	4	bc-	59	55	8	5700	StCu	6	-	6	·
Aberdeen	1013.9	+2	NW	2	c	57	65	8	4000	Cu	7	-	7	0
Malin Head	1018.7	+1	WNW	5	bc/r	55	75	8	4000	Cu	4	ACu	5	4
Renfrew	1017.0	+2	WNW	4	bc-	55	75	8	2500	StCu	6	-	6	·
Edinburgh (Inchkeith)	1014.6	0	WSW	4	b-	56	65	8	·	Cu	2	-	2	2
Leuchars	1014.5	+1	W	3	cpr₀	57	75	8	4000	StCu	7	-	7	·
Eskdalemuir	1016.8	+1	WNW	4	c-	55	65	8	2500	StCu	8	-	8	·
Tynemouth	1015.7 (red 5)	+1	W	2	bc	62	55	8	1500	CuNb	3	Ci	4	0
Blacksod Point	1020.3	+1	NW	3	bc-	56	85	9	·	·	·	·	6	4
Donaghadee	1019.2	+1	N'E	2	bcjp	53	85	8	450	CuNb	5	-	5	3
Birr Castle	1021.2	·	W	2	c	59	85	6	1500	Cu	8	-	8	·
Holyhead	1019.8	0	W'N	4	o	57	75	8	4000	Cu	1	ASt	9	1
Liverpool (Bidston)	1018.9	0	W	4	o-	55	85	8	2500	St	10	-	10	4
Chester (Shotwick)	1018.9	+0	NW	5	o	57	75	9	1500	St	5	ASt	10	·
Harrogate	1016.9	+1	WSW	3	o	57	65	8	2500	StCu	1	ASt	10	·
Spurn Head	1016.9	?	NW	3	c	61	75	8	4000	StCu	8	-	8	1
Birmingham (Edgbaston)	1018.5	+0	N	3 (red x3)	o⊕	58	65	8	-	-	0	CiSt	10	·
Cranwell	1017.9	+1	WNW	3	o	60	75	7	4000	StCu	3	ASt	10	·
Gorleston	1017.7	+1	NE	2	o	60	75	7	4000	StCu	3	ASt	10	0
Valencia (Cahirciveen)	1024.1	0	NW	3	b	57	75	9	2500	Cu	3	-	3	3
Roches Point	1023.0	0	NNW	3	bc	58	65	8	4000	StCu	6	-	6	0
Pembroke (St. Ann's H.)	1020.8	+1	NW	2	c	56	85	8	220	StCu	7	-	7	3
Ross-on-Wye	1018.4	+1	N'W	3	o	61	65	9	2500	StCu	8	ASt	10	·
Leafield	1018.0	0	N	4	o+	59	65	7	4006	CuNb	1	ASt	9	·
Andover	1017.8 (red 5)	-0	WNW	4	o	64	75	7	4000	StCu	4	ASt	10	*
S. Farnborough	1016.5	-1	W	3	ojp	68	65	7	2500	Cu	7	CiSt	10	·
London (Kew Obsy.)	1016.5	0	N'W	3	o+	66	65	8	1500	Cu	5	ASt	10	·
Croydon	1016.2	-2	N	1	o	67	65	7	4000	StCu	9	-	9	·
Clacton-on-Sea	1016.6	-1	NW	1	o	68	65	7	2500	StCu	10	-	10	0
Shoeburyness	1016.4	-1	NNE	1	o+	67	75	6	2500	StCu	5	ASt	10	·
Felixstowe	1016.7	0	NNW	2	o	66	65	8	5700	StCu	7	ASt	10	0
Lympne	1016.1	-2	E	2	o	64	85	7	4000	StCu	9	-	9	·
Scilly (St. Mary's)	1021.5	0	NNW	2	o	57	85	8	4000	StCu	9	-	9	1
Falmouth (Pendennis)	1021.3	+1	N	3	c-	57	75	8	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1019.7	+0	NNW	3	o	59	75	9	2500	StCu	3	ASt	10	0
Portland Bill	1018.4	-1	WNW	3	o+	59	85	7	-	-	0	ASt	10	3
Southampton (Calshot)	1017.3	-1	SW'W	4	o	64	75	8	4000	StCu	2	ASt	10	0
Dungeness	1017.0	-1	E	2	o+	64	85	7	-	-	0	ASt	10	2
Guernsey	1019.4	-2	NW'W	4	c+	60	92	8	-	-	0	ACu	8	2

LONDON OBSERVATIONS.

Kew, Croydon: 24 hours ended 0700. Weather and Temperature: 24 HOURS ENDED 0900 G.M.T. 28th.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °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	bcc	co	bpobcw	·	·	43	–	Tr	4.5	·	·	8
Croydon	244	obo	bcy⊕	ofpcbco	·	·	42	–	0.2	5.4	·	·	8
Greenwich (Royal Obsy.)	149	bco	o	opobcz	75	50	43	–	0.6	4.5	56	59	8
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	5.3	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	71	52	46	0.4		3.5	61	60	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	5.0	·	·	·
Camden Square	110	c	oco	·	75	51	47	–	–	·	·	57	·
Kensington Palace	80	obcc	oc	·	72	51	45	–	0.3	·	(At 18h ...)	58	·
Hampstead Observatory	450	·	·	·	70	48	40	Tr	–	5.6		61	·

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 27th

South Kensington

Max.	Time.	Min.	Time.
0.3	23h. 26th	<0.3	7h. 27th
0.6	4h. 27th		

Kew Observatory

Max.	Time.	Min.	Time.
<0.3	All day	–	–

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 21h. 45m. to 28th 2h. 15m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	4 30	1.48	40
δ Ursae Minoris	4 30	1.30	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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h	C3	7	5	255°
18h	F3	–	–	–
01h	–	–	–	–
07h	–	–	–	–

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

27th & 28th JUNE, 1924.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.54 3.54	11.56 11.56	8.13 8.13
Greenwich	3.47 3.47	12.0 12.0	8.14 8.14
Wick	3.9 3.10	12.15 12.16	9.20 9.20
Valencia	4.19 4.20	12.44 12.44	12.44 12.44

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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. 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.

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.

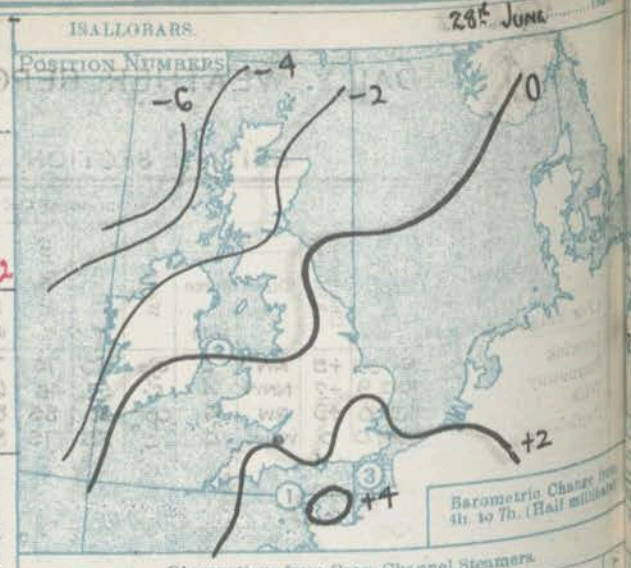
SEA DISTURBANCE.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea

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

[1] For explanation see Introduction. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24h.	13h.-18h. 24h.	18h. 24h. to 1h. 28th.	1h.-7h. 28th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 24h. Hours.
Lerwick	omrco	op	obc	bc	51	45	.	0·3	—	<0800	—	1·2
Stornoway	p	p	c	p	58	47	.	1	1	-	—	8·7
Wick	cpr	c	bbc	bbc	56	44	.	0·3	—	<0800	—	.
Castlebay	cocpc	cobc	bco	r₀r	56	51	.	0·6	2	-	—	9·7
Nairn	cgpbc	bcqq	bcc	cq	61	46	.	0·2	—	0900	—	7·0
Aberdeen	cqcpr	bcpr₀	cprob	br	61	44	32	0·2	1	12.30	<2100	9·2
Malin Head	cp₀r	cpr₀v	cop₀	cop₀r	58	51	.	0·3	1	<0800	<2100	7·6
Renfrew	cpc	cobcq	bcc	oo	62	47	40	Trace	—	<0800	—	7·6
Edinburgh (Inchkeith)	bc	bc	b	c	63	45	37	-	—	-	—	14·4
Leuchars	cvpcbc	bccypq	cbc	bcco	63	40	33	0·4	—	<0800	—	12·1
Eskdalemuir	bbco	ovc	cb	bow	60	42	38	—	—	—	—	9·1
Tynemouth	b-bc	b-bc	bcb	bc	66	46	43	—	—	—	—	.
Blacksod Point ...	c	cc	occ	rr	57	52	.	—	2	—	—	.
Donaghadee	cpv	cpv	bcr	opv	59	46	.	2	2	0900	<2100	.
Birr Castle	co	co	co	corr	62	45	36	—	1	—	0630	4·3
Holyhead	cbcc	oo	bcb	bwbcc	59	51	44	—	—	-	—	6·5
Liverpool (Bidston) ...	ocbcc	co	obc		58	50	47	—	—	-	—	4·9
Chester (Shotwick) ...	obco	ooq	oo	ocov	62	46	38	—	—	-	—	4·0
Harrogate	b-bc	c	bc	cbc	63	43	37	—	—	—	—	6·7
Spurn Head	c	c	c	c	63	51	.	—	—	—	—	6·2
Birmingham (Edgbaston)	c	co	obc	bcc	64	47	41	—	—	—	—	2·2
Cranwell	co	oo	c	c	66	44	39	Trace	—	—	—	3·4
Gorleston	bcco	oo	cobc	bcb	67	50	.	—	—	—	—	4·2
Valencia (Cahirciveen)	coc	bcb	bcco	o	58	51	47	—	—	—	—	5·7
Roches Point	o	cbcv	bcbw	bo	61	47	.	—	Trace	—	—	4·1
Pembroke (St. Ann's H.)	c	c	c	c	60	50	.	—	—	—	—	2·1
Ross-on-Wye	cv	ov	ovcvbv	bwbcc	68	45	41	—	—	—	—	4·6
Leafield	co	co	co	cbcc	68	44	41	—	—	—	—	2·2
Andover	bcoc	coo	ocoo	ocbcc	69	43	42	—	—	—	—	3·9
S. Farnborough ...	coo	oo	op₀r	oc	73	45	42	—	—	—	—	5·6
London (Kew Obsy.) ...	bcc	co	op₀o	obccw	73	51	43	—	Trace	—	<2100	4·5
Croydon	obo	ocy⊕	op₀pc	ocbo	72	50	42	—	0·2	—	<2100	5·4
Clacton-on-Sea ...	oco	oco	oqpc	cbcbz	69	49	47	—	0·3	—	2200	4·6
Shoeburyness	c	cbcco	obrrc	cbcb	72	47	.	—	1	—	<2100	6·9
Felixstowe	obo	oo	op₀r	ocb	70	49	47	—	Trace	—	2200	5·3
Lympne	ob	bcoco	o	ocbcb	72	50	46	—	—	—	—	6·4
Scilly (St. Mary's) ...	co	oo	cbcb	bbc	64	52	.	—	—	—	—	2·2
Falmouth (Pendennis)	co	co	cbcb	bc	63	52	.	—	—	—	—	2·4
Plymouth (Cattewater)	oo	co	ocbc	bcwb	63	48	.	—	0·4	—	0430	3·3
Portland Bill	c	c	c	bbc	60	55	.	—	—	—	—	.
Southampton (Calshot)	c	ochcco	ocbc	bc	68	53	51	—	—	—	—	4·1
Dungeness	b-bc	c	c	c	67	52	.	—	Trace	—	2200	.
Guernsey	bcb	bbcc	cor₀oc	bcbbc	64	53	.	—	0·3	—	2200	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	0900 27th	Cambria	WNW	4	bc	57	56 8
3	0200 28th	Arundel	N	4	o	57	56 7

GENERAL INFERENCE.

The anticyclone off our S.W. Coasts is likely to continue, while a depression south of Iceland will move in an easterly or northeasterly direction. Fair warm weather with light to moderate westerly winds is likely in the south of England, but further north, winds will freshen from southwest, with much cloud, some rain and a moderate temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 28th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Light or moderate W. to S.W. winds; fair; visibility moderate or good; rather warm.	Mainly fair in the South; outlook uncertain for the North.
6. South Wales	Light or moderate W. to S.W. winds; mainly fair; visibility moderate or good; rather warm.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Moderate or fresh S.W. to W. winds; mainly cloudy, occasional rain or drizzle; visibility moderate or good; moderate temperature.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to W., mainly moderate to fresh, stronger locally; much cloud, some rain; visibility moderate or good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 GMT.

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

† For Code see opposite page.

SYNOPTIC CHART FOR THE SATURDAY, 28TH JUNE, 1924.

Scale - 1:10,000,000
Nautical Miles
Statute Miles

HIGH

Barometer

Low

"POURQUOI PAS"
45 ⓪
47 Sea
Fair
⓪ 46
Cloudy.

Falling

Rising

Slowly.

Barometer

"BALTIC"
58
58 Sea
O'cast.

"LAPLAND"
59
59 Sea
O'cast.

HIGH

Low

Rising

Slowly.

1010
1008
1006
1004
1002
1000
998
996
994
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026

⑮ 43 O'cast.
⓪ 43 O'cast.
② 43 O'cast.
㉑ 46 Cloudy
⑩ 55 O'cast.
⑩ 48 Rain
⓪ 41 Rain
② 49 Fair
⑩ 50 Showers
㉘ 54 Fine
⑤ 53 Fair
⑩ 54 O'cast.
⑩ 52 O'cast.
⑮ 52 Rain
② 53 Fair
⑩ 55 Heavy Showers.
⑩ 53 O'cast.
② 59 Cloudy.
⑤ 56 Fine
⑮ 55 O'cast.
⑤ 54 Fair
⑤ 57 Cloudy.
⑤ 55 O'cast.
⑤ 55 Fine
⓪ 56 Cloudy.
⑩ 63 Fair
⑮ 59 O'cast.
⑩ 59 Fine
64 O'cast ⑮
⑤ 68 Cloudy.
⑯ 61 Fine
⓪ 72 O'cast.
⑤ 72 Fine

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Wind velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; R thunderstorm.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0	Dense fog. Objects not visible at	55 yards.
1	Thick fog " "	220 "
2	Fog " "	550 "
3	Moderate fog " "	1,100 "
4	Mist or haze " "	1 mile.
5	Poor visibility " "	2 "
6	Moderate " "	6 "
7	Good " "	12 "
8	Very good " "	31 "
9	Excellent " "	beyond 31 "

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SATURDAY 28th JUNE 1924. No. 180.

Observations at 0100 G.M.T. 28th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1011.2	0	W	1	bc	46	85	8	5700	StCu	5	-	5
Stornoway	51	1014.3	0	W	3	bc	•	•	5	•	•	•	•	•
Wick	81	1012.9	+2	WNW	2	bc	47	97	8	2500	CuNb	4	Ci	5
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1017.7	-2	W	5	cpr	47	85	8	4000	Cu	7	AC	8
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1015.7	+1	WSW	4	b	49	85	8	•	StCu	1	-	1
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1016.6	+1	W	1	b	49	85	8	-	-	0	AC	2
Blacksod Point	10	1019.1	-2	SW	2	c+	53	92	8	•	•	•	•	7
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1020.0	0	WNW	2	b	53	85	8	-	-	0	AC	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1017.3	0	WNW	5	bc	54	85	7	4000	Cu	5	-	5
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1018.9	+1	WNW	3	b	47	97	6	4000	StCu	1	-	1
Gorleston	13	1017.6	0	W'N	1	bc	55	85	7	5700	StCu	5	-	5
Valencia (Cahirciveen)	30													
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1021.5	+2	W	3	bc	54	85	8	2500	StCu	6	-	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1018.4	+1	N'E	2	c-	57 55	75	7	2500	St	7	-	7
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1017.1	+1	N	3	0	55	85	7	4000	StCu	9	-	9
Scilly (St. Mary's)	131	1023.0	+1	NW	3	b	54	92	8	-	-	0	-	0
Falmouth (Pendennis)	200	1021.9	+1	-	0	b	53	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1019.2	+1	NNW	3	c+	55	75	7	2500	Nb	8	-	8
Southampton (Calshot)	13	1018.9	+1	N	3	bc-	57	75	8	4000	StCu	5	-	5
Dungeness	21	1016.6	0	NNE	4	c	55	85	7	4000	Nb	8	-	8
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	1009.9	-3	NW	1	bc	49	75	8	4000	Cu	4	ACu	6	0
Stornoway	1009.3	-3	SSW	3	opr	50	92	6	450	Sc	10	[illegible]	10	2
Wick	1009.9	-3	WNW	2	bc+	50	92	8	4000	Cu	4	Ci	5	0
Castlebay	1009.1	-6	SSW	4	or	52	92	6	1500	Nb	10	-	10	4
Nairn	1009.8	•	—	0	c+	52	85	8	1500	CuNb	8		8	•
Aberdeen	1012.6	-1	W	2	bc+	53	75	8	2500	StCu	1	Ci	4	0
Malin Head	1013.2	-3	SSW	4	or	52	92	7	4000	Nb	5	ASc	10	3
Renfrew	1014.5	-2	WSW	3	o	52	92	7	2500	Sc	10	-	10	•
Edinburgh (Inchkeith)	1013.8	-1	WSW	3	o+	51	85	8	•	StCu	4	ASc	10	1
Leuchars	1013.5	-2	WSW	4	o+	52	75	8	4000	StCu	4	ASc	9	•
Eskdalemuir	1016.0	-1	SW	3	o	49	85	7	800	Sc	9	ASc	10	•
Tynemouth	1016.6	0	SW	1	bc+	53	85	6	1500	Sc	2	ACu	6	0
Blacksod Point	1014.5	-2	SW	3	opr	55	55	7	•	•	•	•	10	5
Donaghadee	1017.3	-1	SW	2	c+	50	92	8	—	—	0	ASc	8	0
Birr Castle	1019.0	•	SW	1	orr	51	97	6	1500	Nb	10	—	10	•
Holyhead	1019.5	0	SW'W	3	o+	53	85	8	2500	Ci	1	CiSc	10	1
Liverpool (Bidston)	1018.8	0	W'S	3	bc-	50	85	8	2500	CuNb	6	-	5	4
Chester (Shotwick)	1019.0	0	W'N	4	O⊕	55	75	9	4000	Cu	2	CiSc	9	
Harrogate	1017.9	-1	WSW	3	c	52	75	8	2500	CuNb	4	ASc	7	•
Spurn Head	1017.3	0	WNW	4	c	55	65	8	—	—	0	CiSc	7	1
Birmingham (Edgbaston)	1020.2	0	W	2	c	53	75	7	—	—	0	Ci	7	•
Cranwell	1019.0	0	WNW	3	bc	54	75	7	—	—	0	Cu	3	0
Gorleston	1017.8	0	NNW	2	b+	56	75	6	5700	Cu	2	Cu		
Valencia (Cahirciveen)	1024.2	-2	SW	4	o	55	85	7	1500	Sc	7	ASc	10	3
Roches Point	1023.3	0	W	2	o	54	85	8	2500	StCu	6	CuSc	10	0
Pembroke (St. Ann's H.)	1021.5	0	NW	2	bc	54	85	8	2500	Cu	4	CiSc	6	3
Ross-on-Wye	1020.6	0	W	1	c	54	85	8	4000	Cu	1	Ci	8	•
Leafield	1020.3	0	N	2	c	53	85	8	[illegible]	[illegible]	2	CiSc	8	•
Andover	1020.4	+1	NW	3	[illegible]	55	75	8	—	—	0	Ci	9	•
S. Farnborough	1019.9	+2	NW	3	c⊕	55	85	7	—	—	0	Cu	7	•
London (Kew Obsy.)	1020.1	+3	W'N	2	c-	57	75	7	—	—	0	CiSc	8	•
Croydon	1019.8	+2	NNW	2	o+	55	75	6	—	—	0	CiSc	9	
Clacton-on-Sea	1017.9	+2	NNW	4	b-	53	85	6	—	—	0	Cu	2	0
Shoeburyness	1019.2	+1	NNW	2	b	56	75	7	—	—	0	Ci	2	•
Felixstowe	1018.1	+1	NW'N	3	b	55	85	6	4000	Cu	1	Ci	1	0
Lympne	1018.1	+2	NNW	4	b	54	85	6	—	—	0	Ci	1	
Scilly (St. Mary's)	1023.1	0	NW	2	b	55	92	8	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1023.5	+1	-	0	b	55	85	8	—	—	0	CiSc	3	0
Plymouth (Cattewater)	1022.3	+2	NNW	1	bc	53	92	7	4000	Cu'b	1	Ci	5	3
Portland Bill	1019.9	+2	NNW	3	c+	56	65	7	—	—	0	CiSc	8	0
Southampton (Calshot)	1020.5	+1	NW	3	c+	57	75	8	—	—	0	CiSc	8	3
Dungeness	1018.4	+2	N	4	bc	58	92	7	2500	St	2	CiSc	8	2
Guernsey	1021.7	+2	—	0	c	56	85	7	-	—	0	CiSc		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th JUNE

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 26h.-24h. °F	Temperature. Max. Day. 24h. °F	Rainfall.† Night 17h.-9h. 26h.-24h. mm.	Rainfall.† Day 9h.-17h. 24h. mm.	Sunshine. Sunrise to 17h. 24h.	Sunshine. Sunrise to Sunset. 24h. hr.
Berwick-on-Tweed	r o bc	b c b b v	52	65	-	-	10.1	1.7
Douglas (Io M)	bc	bc	51	58	16	3	3.4	0.0
Llandudno	bcc	co	55	58	5	-	3.8	6.1
Colwyn Bay	c	c	55	62	15	-	?	?
Rhyl	cbc	c	55	60	3	-	3.2	7.2
Southport	bbcc	bo	56	60	5	-	3.8	4.6
Blackpool	robc	beco	55	61	4	-	5.8	2.6
Ilkley	bc	c	54	63	3	-	5.9	7.0
Skegness	bcc	bcc	56	67	-	-	4.9	13.0
Aberystwyth	ccb	o	55	59	2	-	3.0	1.5
Bath	oc	cbco	54	69	-	-	2.0	8.3
Leamington Spa	cbo	cbo	54	66	-	-	2.5	11.6
Lowestoft	cbcbcco	o	57	68	-	-	5.7	13.5
Felixstowe	bc	co	56	72	-	-	4.8	14.2
Harwich & Dovercourt	bco	ocog	55	71	-	-	5.2	14.3
Southend	bbc	bcbo	57	74	-	-	6.7	13.5
Ilfracombe	ofc	co	55	60	-	-	1.2	4.1
Bude	c	o	57	62	-	-	0.1	2.2
Paignton	obc	coo	52	68	-	-	7.2	2.9
Torquay	bcco	bcco	53	67	-	-	3.5	7.8
Jersey	bc	bc	54	69	-	-	7.7	7.0
Weymouth	oc	co	55	70	-	-	2.6	1.0
Bournemouth	oco	co	55	68	-	-	3.0	5.4
Portsmouth (S'thsea)	bbco	obcc	55	69	-	-	4.8	8.5
Littlehampton	bc	bc	54	72	-	-	9.0	7.5
Worthing	b	bc	55	70	-	-	8.5	7.2
Brighton	b	c	55	69	-	-	8.2	6.1
Eastbourne	b	bbc	54	70	-	-	9.1	13.9
Hastings	b	bbcco	54	64	-	-	7.3	11.6
Folkestone	fcc	cog	53	66	Trace	-	7.2	2.7
Dover	bbc	bccb	54	64	-	-	6.5	0.0
Tunbridge Wells	b	bcc	53	72	-	-	5.6	15.1
Ramsgate	b	bbc	53	72	-	-	7.2	14.0
Margate	b	bbcc	52	68	-	-	7.9	15.6
Deal	cbcb	bccm	52	73	-	-	6.2	14.0

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22865 SUNDAY, 29th JUNE 1924.

Observations at 1300 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1007·2	-2	S	1	c	52	85	8	4000	Cu	5	C·St	7	·
Stornoway	1000·4	-8	SW	3	orr	55	75	6	450	St	10	-	10	·
Wick	1005·5	-5	SSW	2	or₀+	49	97	8	1500	St	10	-	10	·
Castlebay	1002·9	-5	SW	5	orr	53	97	5	450	Nb	10	-	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1008·0	-4	S	3	orr	52	92	6	1500	Nb	10	·	10	2
Malin Head	1008·4	-3	SW	6	o/r	54	85	7	800	St	9	a·St	10	·
Renfrew	1009·7	-4	SW	4	orr	53	97	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1010·5	-5	SW	4	or₀	53	85	8	·	St·Cu	10	-	10	·
Leuchars	1008·8	-6	SSW	5	or₀	53	85	7	1500	Nb	5	a·St	10	1
Eskdalemuir	1012·2	-4	SSW	5	or₀+	50	92	6	800	Nb	10	·	10	1
Tynemouth	1014·7	-2	SW	2	ojp	56	75	6	1500	Nb	10	·	10	·
Blacksod Point	1010·7	-1	SW	5	or	56	92	7	·	·	·	·	10	·
Donaghadee	1013·0	-2	SW	4	c-	55	85	8	2700	Nb	10	-	10	·
Birr Castle	1016·3	4	SW	2	orr	56	92	6	5700	Nb	9	-	9	·
Holyhead	1017·6	-3	SSW	5	or₀	52	92	7	800	Nb	10	-	10	1
Liverpool (Bidston)	1017·2	-2	SW	3	o	55	75	8	1500	Cu Nb	10	-	10	·
Chester (Shotwick)	1017·7	-1	W	4	opr₀	57	92	9	1500	St	5	a·St	10	1
Harrogate	1015·9	-1	WSW	3	0	54	65	8	2500	St·Cu	3	a·St	10	·
Spurn Head	1016·4	-1	SW'W	4	0	59	65	6	4000	Cu Nb	10	·	10	·
Birmingham (Edgbaston)	1019·1	-1	W	4	or₀	55	75	8	4000	Cu	2	a·St	10	·
Cranwell	1018·2	-1	W'S	4	0	60	65	8	2500	St·Cu	4	a·St	10	0
Gorleston	1017·9	0	NW	3	o+	64	45	7	4000	St·Cu	10	-	10	·
Valencia (Cahirciveen)	1018·9	-3	SW	4	0	56	85	6	1500	St	9	a·St	10	1
Roches Point	1021·2	-2	SW'W	3	0	56	85	8	1500	St·Cu	9	a·St	10	·
Pembroke (St. Ann's H.)	1020·6	-2	WSW	4	0	56	85	9	2500	Cu	2	a·St	10	·
Ross-on-Wye	1019·6	-1	W'S	3	or₀	58	65	8	4000	Cu	1	a·St	10	5
Leafield	1019·0	-1	W	4	o+	60	65	7	4000	Cu	10	-	10	·
Andover	1019·9	0	W'S	4	0	63	55	8	4000	Cu	4	a·St	10	0
S. Farnborough	1019·5	-1	W'S	4	0	66	55	8	5700	Cu	5	Ci·St	10	0
London (Kew Obsy.)	1019·4	-2	W'S	3	o+	63	55	8	1500	St·Cu	4	a·St	10	0
Croydon	1019·5	0	WNW	3	0	63	55	8	4000	St·Cu	8	Ci·St	10	0
Cleton-on-Sea	·	·	·	·	·	·	·	·	-	·	··	·	·	·
Shoeburyness	1019·3	0	NW	3	bc+	63	65	8	2500	Cu	2	a·St	5	·
Felixstowe	1018·5	0	W'S	3	0⊕	65	55	8	5700	Cu	4	Ci·St	10	0
Lympne	1019·1	-1	W	3	0	62	53	8	4000	Cu	7	Ci·St	10	0
Scilly (St. Mary's)	1023·3	0	W	2	bc	62	75	8	4000	Cu	3	a·Cu	5	·
Falmouth (Pendennis)	1022·6	-2	WSW	4	c	60	75	8	5700	St·Cu	7	-	7	·
Plymouth (Cattewater)	1021·8	-1	SW	4	c-	61	65	9	4000	St·Cu	4	a·Cu	8	0
Portland Bill	1020·8	0	WSW	3	c	58	75	7	4000	Cu	3	Ci·St	8	·
Southampton (Calshot)	1020·4	-1	SW'S	4	0	62	65	8	2500	St·Cu	3	Ci·St	10	0
Dungeness	1019·5	+1	N	2	0	63	55	7	4000	Cu	4	Ci·St	10	·
Guernsey	1022·6	0	NW	2	bc	61	75	8	-	-	0	Ci·St	4	·

Observations at 1800 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Vel. m.p.h.
Lerwick	1003·6	-4	S	1	opr₀	50	92	7	4000	Nb	5	a·St	10	0
Stornoway	996·8	-4	SW	3	o/r	55	92	6	450	St	10	-	10	2
Wick	998·3	-8	SW	3	or	54	97	8	1500	Nb	6	a·St	10	0
Castlebay	1000·4	-2	SW	4	o/r	54	85	7	1500	St	10	·	10	5
Nairn	999·5	·	WSW	3	bc/r	60	75	8	1500	Cu Nb	6	-	6	·
Aberdeen	1002·8	-7	SSW	4	c-	58	75	7	1500	Cu	6	Ci·St	8	0
Malin Head	1005·1	-2	SW	6	od₀	56	92	6	800	St	10	·	10	4
Renfrew	1005·5	-4	SSW	5	o/r	55	92	6	800	Nb	10	-	10	·
Edinburgh (Inchkeith)	1005·7	-5	WSW	4	o+	53	85	8	·	St	10	-	10	2
Leuchars	1004·7	-4	SW	6	o	55	85	7	1500	St	7	a·St	10	·
Eskdalemuir	1008·6	-4	SW'W	6	odd	51	92	5	1500	Nb	10	·	10	·
Tynemouth	1010·6	-4	SW	4	o	55	75	6	1500	Nb	10	·	10	0
Blacksod Point	1007·8	-1	SW	5	o/r	56	92	7	·	·	·	·	10	6
Donaghadee	1010·1	-3	SW	4	c	57	85	8	2700	St	7	-	7	3
Birr Castle	1012·6	·	SW	3	or₀	58	85	6	1500	Nb	9	-	9	·
Holyhead	1013·4	-5	SSW	5	or₀+	54	92	7	5700	Nb	10	-	10	4
Liverpool (Bidston)	1013·4	-4	SW'W	5	opr₀	55	85	8	1500	St	10	-	10	5
Chester (Shotwick)	1014·5	-3	WSW	4	orr₀	56	85	8	1500	Nb	10	·	10	·
Harrogate	1012·8	-3	SW	5	o/r	52	85	8	1500	St·Cu	9	a·St	10	·
Spurn Head	1014·5	-3	WSW	4	opr₀	56	75	7	4000	Cu Nb	9	-	9	·
Birmingham (Edgbaston)	1016·6	-3	WSW	4	orr₀	55	85	78	4000	Nb	5	a·St	10	·
Cranwell	1016·1	-2	W'S	3	o	57	85	8	2500	St·Cu	47	a·St	10	·
Gorleston	1017·0	-2	W	2	o	61	55	6	5700	St·Cu	10	-	10	0
Valencia (Cahirciveen)	1014·7	-4	SW	4	0	57	85	6	1500	St	10	-	10	3
Roches Point	1017·3	-5	WSW	4	o-	57	75	8	1500	St·Cu	5	a·Cu	9	3
Pembroke (St. Ann's H.)	1017·2	-5	WSW	5	or	55	85	8	1500	Nb	7	a·St	10	3
Ross-on-Wye	1017·1	-3	SW'W	3	opr₀	56	75	8	2500	Nb	6	a·St	10	·
Leafield	1017·8	-2	SW	4	od₀	57	75	7	4000	Cu Nb	5	a·St	10	·
Andover	1018·9	-1	W	4	0	58	75	8	4000	St	10	-	10	6
S. Farnborough	1018·2	-1	W'N	4	o	62	65	8	4000	St·Cu	9	a·Cu	10	·
London (Kew Obsy.)	1017·8	-2	WSW	3	o	62	55	8	1500	St·Cu	9	a·St	10	·
Croydon	1017·9	-2	NW'W	3	o/r	62	55	8	2500	St·Cu	7	a·St	10	·
Cleton-on-Sea	1017·1	-2	W	3	c	63	55	7	2500	Cu	4	a·Cu	8	
Shoeburyness	1017·4	-2	WSW	1	o-	62	65	6	4000	St·Cu	9	-	9	·
Felixstowe	1017·1	-3	SW	2	o-	63	55	8	-	-	0	a·Cu	9	1
Lympne	1018·1	-1	SW	3	o	60	75	8	4000	St·Cu	3	Ci·St	10	·
Scilly (St. Mary's)	1021·4	-2	W	4	bc⊕	59	85	8	4000	Cu Nb	5	-	5	4
Falmouth (Pendennis)	1021·2	-2	W	4	c-	58	75	8	5700	St·Cu	7	-	7	0
Plymouth (Cattewater)	1020·4	-2	W	4	c	58	85	8	4000	Cu Nb	5	a·Cu	8	2
Portland Bill	1019·2	-2	WSW	4	o+	58	75	7	4000	St·Cu	9	-	9	3
Southampton (Calshot)	1019·0	-1	SW	3	o	60	75	8	5700	St·Cu	6	a·St	10	0
Dungeness	1018·8	-1	WNW	5	c	59	75	7	-	-	0	Ci·St	7	5
Guernsey	1021·6	-2	W	3	bc-	59	85	8	-	Cu	1	Ci	4	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day. mm.	Rainfall. Night. mm.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility
		24 HOURS ENDED 0600 G.M.T. 29th								YESTERDAY.	TO-DAY.		
Kew / Croydon } 24 hours ended 0700	18	o⊕y	oy	bycoc	·	·	52	-	-	4·4	·	·	
Greenwich (Royal Obsy.)	244	⊕oo	oy₀	o	·	·	48	W	-	4·6			
City (Bunhill Row)	149	co	od	ococo	66	54	·	-	-	4·5	53	66	7
Westminster (St. James' Pk.)	80	·	·	·	·	·		·	·		·	·	·
Regent's Pk. (Botanic Gdns.)	27	·	·	·			·	·	·	4·5	·	·	·
Camden Square	168			·	·	·				·	·	·	·
Kensington Palace	116			·						·	·	·	·
Hampstead Observatory	80	o	o	·	65	·	52	-	-	·	(At 18h 9 ...) ·	66	·
	450	·	·	·									·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 28th

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 28th ... h. ... m. to 29th ... h. ... m.

Star.	Expo-sure.	Record.	
	h. m.	h. m.	%
Polaris			
δ Ursæ 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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
17h.	G	7	5	173°
18h.	-	-	-	-
21h.	-	-	-	-
27h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

29th, 30th June, 1924.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3·34 / 3·33	11·56 / 11·56	8·18 / 8·17
Greenwich	3·47 / 3·48	12·3 / 12·3	8·19 / 8·18
Wick	3·10 / 3·10	12·15 / 12·15	9·20 / 9·19
Valencia	4·25 / 4·26	12·44 / 12·44	9·3 / 9·2

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 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.

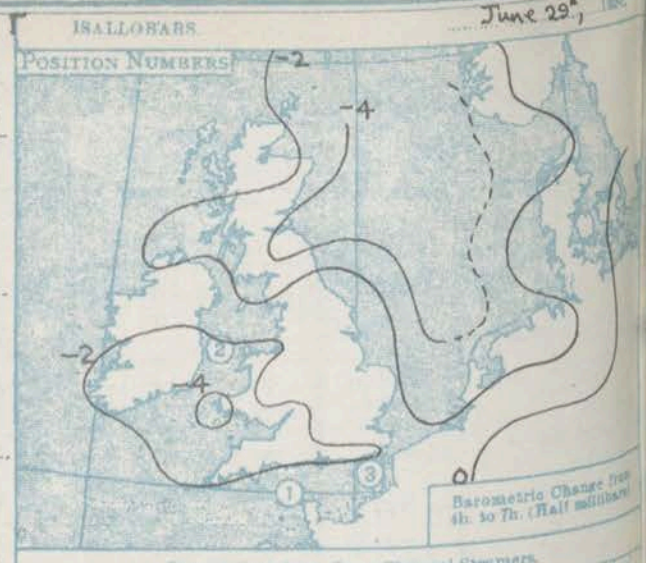
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
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

* For explanation see Introduction. ‡ Information for those columns not usually received. † The barometric change is expressed in half millibars. § For code see page 3

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 28th	13h.-18h. 28th	18h. 28th to 1h. 29th	1h.-7h. 29th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	Sun. 28th Hours.
Lerwick	bcc	compr	omrd	omrd	55	48	.	Trace	11	1730	<2100	7.8
Stornoway	r	r	r	r	56	51	.	8	4	<0800	-	0.3
Wick	or₀r	r₀rir	cprov	oo	54	51	.	2	Trace	1100	<2100	.
Castlebay	rr	rro	op	op	55	52	.	2	2	-	-	0.0
Nairn	dcg	cbccg	cpcg	cbcg	62	54	.	2	0.1	0900	<2100	3.6
Aberdeen	bcorr	rrmoc	cbc	bcc	60	52	50	3	-	0900	-	4.5
Malin Head	oir	od₀m	comd	cmdq	56	52	.	2	0.6	<0800	<2100	0.0
Renfrew	od₀rq	orrq	or₀q	oqp₀c	55	54	51	2	0.3	<0800	<2100	0.0
Edinburgh (Inchkeith)	r₀	oo	p	c	54	53	52	0.5	Trace	0900	2200	1.3
Leuchars	orr₀	or₀pro	doq	ocq	55	54	48	2	Trace	0900	-	1.0
Eskdalemuir	ororm	ormodm	odmo	ooc	51	50	50	7	2	<0800	<2100	0.0
Tynemouth	oo	oid₀q	oo	b.bc	58	55	53	?	.	1430	-	.
Blacksod Point	rp	roc	poom	cc	56	54	.	3	0.2	-		.
Donaghadee	oqd	orqcp	od	o	57	50	.	2	0.1	<0800	<2100	.
Birr Castle	corr	cord	or₀r₀	orr₀	59	54	54	2	2	<0800	<2100	0.0
Holyhead	or₀r₀	orr	r₀r₀	oo	54	53	53	5	1	0900	<2100	0.2
Liverpool (Bidston)	cop	op	or		57	53	52	1	1	1230	0230	1.0
Chester (Shotwick)	oopr₀	op₀orr	opr₀o	ooq	60	55	53	1	0.1	1630	<2100	1.9
Harrogate	c	p	op₀	op₀	58	51	50	0.1	0.1	1230	<2100	3.1
Spurn Head	c	p	c	coc	60	53	.	Trace	1	-	<2100	5.8
Birmingham (Edgbaston)	cbcor₀	oir₀	or₀r₀c	co	59	53	49	0.2	0.4	1100	<2100	3.0
Cranwell	c	op₀o	oro	oo	61	55	39	Trace	0.1	1430	<2100	4.0
Gorleston	bbcc	co	odoc	ocbc	64	55	.	-	0.2	-	<2100	6.7
Valencia (Cahirciveen)	o	o	or	oroid	60	54	53	-	2	-	<2100	0.2
Roches Point	oo	o	o	oe	59	54	.	-	Trace	.	-	.
Pembroke (St. Ann's H.)	c	cqp	cq	cq	57	55	.	Trace	-	1330	.	1.4
Ross-on-Wye	co	r₀o	o₀o	oo	61	55	52	0.2	-	1230	-	4.0
Leafield	co	co	cod	cot	61	53	48	Trace	-	1630	-	5.7
Andover	coy	oyo	o	o	65	54	52	-	-	-	-	6.2
S. Farnborough	cooy	yyoo	pr₀oo	oo	68	55	50	-	Trace	-	<2100	7.7
London (Kew Obsy.)	ooy	oy	byco	oc	66	57	52	-	-	-	-	4.4
Croydon	⊕oo	oyr₀	o	o	64	54	48	Trace	-	1530	-	4.6
Clacton-on-Sea	o2bccoy	ocy	c	c	65	56	55	-	-	-	-	8.0
Shoeburyness	bbc	oc	co	o	65	54	54	-	-	-	-	7.3
Felixstowe	bmbcc	oy	oyo	oco	65	57	53	-	-	-	-	8.3
Lympne	bcco	or₀	ocbc	bcco	64	51	48	Trace	-	1630	-	6.3
Scilly (St. Mary's)	bbc	b.bc	co	oq	63	55	.	-	-	-	-	10.7
Falmouth (Pendennis)	c	c	cco	co	62	56	.	-	-	-	-	10.7
Plymouth (Cattewater)	cbcy	c	o	coc	62	56	.	-	-	-	-	8.1
Portland Bill	c	c	c	b.bc	61	56	.	-	-	-	-	
Southampton (Calshot)	co	oco	oc	c	66	56	54	-	-	-	-	7.2
Dungeness	oo	c	c	c	67	56	.	-	-	-	-	.
Guernsey	bc	bccbc	bbcb	bccoc	63			-	-	-	-	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	28th 0900	Cambria	SSW	4	or	52	54	7
1	28th 1100	Ibex	WSW	3	b	57	56	8
3	29th 0200	Brighton	WSW	5	b	57	60	8

General Inference.

A depression off the north of Scotland is moving away east, but further secondaries are indicated off the west of Ireland. Fresh southwesterly winds will continue with a good deal of cloud and some rain or showers in most districts. Temperature will be moderate to rather low.

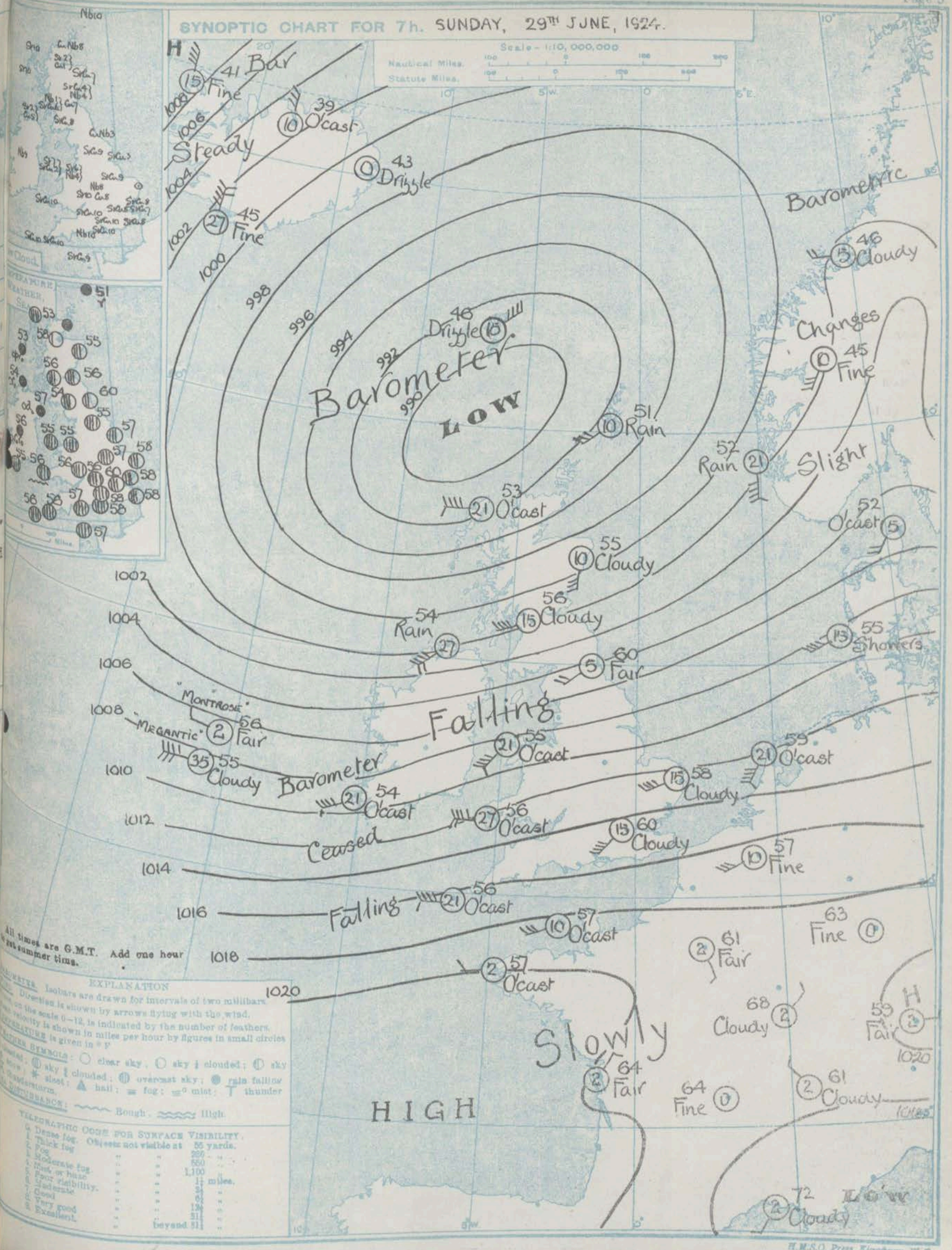
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 29th June 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Fresh S.W. to W. wind; cloudy, perhaps some showers locally; good visibility; moderate temperature.	None issued. ---
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh or strong S.W. winds; mainly cloudy, some rain or showers; visibility good; moderate to rather low 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 opposite page.

SYNOPTIC CHART FOR 7h. SUNDAY, 29TH JUNE, 1924.



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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Velocity on the scale 0–12, is indicated by the number of feathers.

WIND VELOCITY is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky, ◐ sky ½ clouded; ◑ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; ⚡ thunderstorm.

SEA DISTURBANCE: ~~~ Rough, ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog.	Objects not visible at	55 yards.	
1. Thick fog	" "	220	"
2. Fog	" "	550	"
3. Moderate fog	" "	1,100	"
4. Mist or haze	" "	1¼	miles.
5. Poor visibility.	" "	3	"
6. Moderate	" "	6½	"
7. Good	" "	13	"
8. Very good	" "	31	"
9. Excellent.	" beyond	31	"

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....SUNDAY, 29th JUNE.....1924. No. 181

Observations at 0100 G.M.T. 29th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	994·9	-4	SW	2	odd	51	97	6	800	St	10	-	10
Stornoway	51	996·4	-3	WSW	4	rr	•	•	6	•	•	•	•	•
Wick	81	995·9	-2	SSW	3	0	53	97	9	4000	StCu	9	CiSt	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1003·2	-2	SW	6	od₀	55	85	7	1500	St	9	-	9
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1007·1	-3	SW	5	c-	55	85	8	•	St	4	a.Cu	8
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1006·8	-2	SW	3	c-	56	85	6	1500	Nb	8	-	8
Blacksod Point	10	1004·2	-2	W	5	o	55	92	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1010·4	-3	SW	4	o	54	92	6	1500	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	480	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26													
Birmingham (Edgbaston)	526	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1017·8	-3	SW'W	3	o	55	85	8	1500	StCu	10	-	10
Gorleston	13	1015·0	-2	SW'W	2	o+	56	75	7	-	-	o	a.St	10
Valencia (Cahirciveen)	30	1011·8	-4	W	4	or₀+	55	97	4	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	140	1015·4	-4	W	5	c	56	85	8	2500	StCu	7	-	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1016·5	-3	W	3	o	57	75	8	4000	StCu	8	a.St	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1017·3	-2	SW	3	bc-	54	92	7	4000	StCu	5	-	5
Scilly (St. Mary's)	131	1020·0	-1	W	3	o	56	85	8	4000	StCu	10	-	10
Falmouth (Pendennis)	209	1018·4	-3	W	3	c+	56	85	8	5700	StCu	8	-	8
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1018·7	0	W	5	o+	57	75	7	2500	Nb	10	-	10
Southampton (Calshot)	12	1017·5	-1	WSW	4	c-	57	85	8	4000	StCu	8	-	8
Dungeness	21	1017·3	-1	W	4	bc-	57	92	7	-	-	o	a.Cu	6
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea
Lerwick	992·9	-3	SW	3	orr	51	97	5	4000	Nb	10	-	10	2
Stornoway	991·9	-1	W	5	o/r	53	85	7	450	St	10	-	8	0
Wick	993·4	-2	SW	4	cjp	55	85	8	1500	CuNb	8	-	10	5
Castlebay	996·0	-1	SW	5	o/r₀	53	85	7	1500	St	10	-	5	•
Nairn	994·5	•	W	3	b-	58	92	8	1500	St	3	-	7	0
Aberdeen	997·4	-2	S	3	c	55	85	8	2500	StCu	7	-	7	4
Malin Head	999·9	-3	SW'W	6	cr₀	54	85	8	2500	Cu	7	-	7	•
Renfrew	1000·4	-3	WSW	4	c/r	56	85	8	2500	StCu	7	-	8	3
Edinburgh (Inchkeith)	1000·1	-4	WSW	5	c	56	75	8	•	Cu	7	a.Cu	8	•
Leuchars	999·5	-4	WSW	6	o/r₀	57	75	7	2500	StCu	8	-	8	•
Eskdalemuir	1001·9	-4	SW	7	c	54	85	7	800	StCu	8	-	5	1
Tynemouth	1004·3	-2	SW	2	bc	60	75	7	4000	CuNb	3	a.Cu		
Blacksod Point	1002·1	-1	W	4	o	55	85	8	•	•	•	•	10	5
Donaghadee	1005·3	-1	WSW	3	cd₀	57	85	8	430	St	8	-	8	2
Birr Castle	1006·5	•	WSW	3	orr₀	56	97	5	800	Nb	9	-	9	•
Holyhead	1008·3	-2	SW'S	5	o	55	92	7	1500	St	9	-	9	3
Liverpool (Bidston)	1008·3	-2	SW	3	o/r	55	92	8	1500	St	10	-	10	4
Chester (Shotwick)	1009·1	-2	W	5	o	57	85	8	1500	St	6	a.St	10	•
Harrogate	1007·4	-3	WSW	4	o/r₀	55	85	6	1500	StCu	9	a.St	10	•
Spurn Head	1008·9	0	WSW	4	c	57	85	7	5700	StCu	3	a.Cu	7	2
Birmingham (Edgbaston)	1011·2	-2	SW	4	o	55	75	8	2500	Nb	8	a.St	9	•
Cranwell	1010·7	-2	SW	4	o	57	85	8	2500	StCu	9	a.Cu	10	•
Gorleston	1012·8	-2	WSW	4	c+	58	75	7	-	-	o	a.Cu	7	0
Valencia (Cahirciveen)	1009·6	-2	WSW	5	o/r	54	92	6	800	St	2	a.St	10	3
Roches Point	1012·7	-2	WSW	4	o	55	97	6	1500	St	10	-	10	3
Pembroke (St. Ann's H.)	1012·6	-4	W	6	o	56	85	8	2500	StCu	10	-	10	6
Ross-on-Wye	1012·7	-1	WSW	4	o	56	75	8	2500	St	10	-	10	•
Leafield	1013·2	0	NW	5	c+	56	85	9	2500	CuNb	8	-	8	•
Andover	1014·8	-1	SW'W	4	o	56	75	8	4000	StCu	10	-	10	•
S. Farnborough	1014·3	0	SW	5	o	58	75	8	2500	StCu	10	-	10	•
London (Kew Obsy.)	1014·4	-1	SW	4	c	60	65	8	4000	StCu	8	-	8	•
Croydon	1014·9	-2	W'S	4	o	58	75	8	2500	StCu	9	-	9	•
Clacton-on-Sea	1014·0	-1	SW	4	c	58	75	7	7200	StCu	8	-	8	1
Shoeburyness	1014·5	-1	WSW	4	o-	59	75	8	2500	StCu	7	a.St	9	•
Felixstowe	1013·7	-2	SW	4	o+	60	75	7	2500	StCu	8	a.Cu	9	4
Lympne	1015·5	-1	SW'W	3	o	56	85	8	2500	StCu	10	-	10	•
Scilly (St. Mary's)	1016·5	-2	W	4	o	56	85	8	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1017·7	-2	W	4	o	56	75	8	4000	StCu	10	-	10	0
Plymouth (Cattewater)														
Portland Bill	1015·7	0	WSW	4	o	57	85	7	2500	Nb	10	-	10	3
Southampton (Calshot)	1015·7	-2	WSW	4	o	58	75	8	4000	StCu	10	-	10	0
Dungeness	1015·9	-2	WSW	5	c+	58	85	8	5700	StCu	8	-	8	5
Guernsey	1018·4	0	WSW	3	o	57	85	8	5700	StCu	9	-	9	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th June

STATIONS.	Weather Forenoon.	Weather Afternoon.	Temperature Min. Night. 27th-28th °F.	Temperature Max. Day. 28th °F.	Rainfall.† Night 17h.-9h. 27th-28th mm.	Rainfall.† Day 9h.-17h. 28th mm.	Sunshine Sunrise to 17h 28th	Sunshine Sunrise to Sunset. 27th hr.
Berwick-on-Tweed	bcbcb	pr₀od	45	63	-	1	1·7	12·7
Douglas (IoM)	or₀	oRR	46	53	-	6	0·0	4·4
Llandudno			50	59	-	1	1·1	1·1
Colwyn Bay	or	or	49	60	-	1	2·0	5·0
Rhyl	bcc	cr	45	58	-	1	1·5	3·2
Southport	or	r	51	57	-	2	2·5	3·8
Blackpool	coo	or	52	57	-	1	0·1	5·7
Ilkley	bbc	cdo	44	57	-	Trace	2·1	5·9
Skegness	cbcbc	oro	•	•	-	Trace	•	•
Aberystwyth	occ	o	54	58	-	-	1·0	3·5
Bath	bcco	ocbco	48	63	-	-	4·3	2·0
Leamington Spa	cb	cbo	46	61	-	-	3·8	2·5
Lowestoft	bcbc	coo	50	64	-	-	7·0	5·7
Felixstowe	bcb	oc	49	62	-	-	7·4	4·8
Harwich & Dovercourt	obcb	bcco	49	64	-	-	8·0	5·2
Southend	bbc	ooc	50	66	2	-	6·2	6·7

STATIONS.	Weather Forenoon.	Weather Afternoon.	Temperature Min. Night. 27th-28th °F	Temperature Max. Day. 28th °F.	Rainfall.† Night 17h.-9h. 27th-28th mm.	Rainfall.† Day 9h.-17h. 28th mm.	Sunshine Sunrise to 17h 28th	Sunshine Sunrise to Sunset 27th hr.
Ilfracombe	bcbbc	bcco	51	60	-	-	4·3	1·9
Bude	bcbc	bcc	44	62	-	-	6·6	0·8
Paignton	bcc	co	51	68	-	-	7·7	3·5
Torquay	b	bcc	50	67	-	-	7·0	5·5
Jersey	b	bc	55	65	Trace	-	9·7	8·8
Weymouth	bcb	bbco	49	70	-	-	7·0	2·6
Bournemouth	bc	bco	48	67	-	-	7·0	2·6
Portsmouth (S'thsea)	bbc	pco	51	67	-	-	8·0	4·8
Littlehampton	bc	bc	53	66	-	-	6·7	9·0
Worthing	bbc	cbc	52	65	-	-	6·5	8·5
Brighton	b	c	53	67	-	-	6·0	8·2
Eastbourne	bbcc	coc	53	65	-	-	7·8	9·2
Hastings	bccbc	bcco	52	65	-	-	5·4	7·3
Folkestone	docbc	bcdo	52	65	0·2	0·1	7·3	7·2
Dover	bcc	co	53	65	0·6	-	6·3	6·5
Tunbridge Wells	bcc	co	49	66	-	-	6·3	5·6
Ramsgate	bc	bco	54	65	5	-	8·2	7·4
Margate	cb	bbco	55	65	4	-	8·4	8·2
Deal	trb	bcc	52	67	2	-	7·3	6·2

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote p

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22866 MONDAY, 30th JUNE 1924. Page 1.

Observations at 1300 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	Upper Form	Total Amt. 0-10	State of ground
Lerwick	992.5	0	SW	3	oddo	52	97	5	800	Nb	10	-	10	·
Stornoway	992.8	+1	W	5	cTo	55	92	7	800	CuNb	8	-	8	·
Wick	993.3	0	SW	2	o/T	58	75	8	1500	CuNb	8	CiSt	10	·
Castlebay	995.6	0	SW	5	o/R	54	92	6	1500	St	10	-	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	996.6	0	SW'W	3	cpro	62	65	8	2500	CuNb	7	-	7	1
Malin Head	999.1	0	SW'W	5	odo	55	85	7	2500	St	7	aSt	9	·
Renfrew	1001.0	0	WSW	4	o-	56	92	8	1500	StCu	10	-	10	1
Edinburgh (Inchkeith)	997.1	-4	WSW	6	bct	59	65	8	·	-	0	CiSt	4	·
Leuchars	999.1	+1	WSW	6	ot	59	65	8	4000	StCu	9	-	9	0
Eskdalemuir	1002.5	0	SW'W	5	oT	55	85	7	1500	StCu	9	-	9	1
Tynemouth	1003.4	-1	SW	2	bc	64	65	8	4000	CuNb	4	aCu	6	·
Blacksod Point	1002.8	+2	W	5	c-	59	85	9	·	·	·	·	7	·
Donaghadee	1004.1	-1	WSW	4	bc-	63	65	8	800	Cu	6	-	6	·
Birr Castle	1006.6	*	SW	2	o	59	75	7	1500	Nb	9	-	9	·
Holyhead	1007.4	-1	SW'S	5	o	56	92	6	450	St	10	-	10	1
Liverpool (Bidston)	1007.3	-1	SW	4	o/r	59	75	7	1500	CuNb	10	-	10	·
Chester (Shotwick)	1008.1	-1	WSW	5	oT	61	75	8	800	Nb	10	-	10	2
Harrogate	1006.1	-1	WSW	5	oTo	60	75	7	2500	StCu	10	-	10	·
Spurn Head	1008.1	0	SW	5	o	61	75	7	4000	StCu	10	-	10	x
Birmingham (Edgbaston)	1010.9	-1	WSW	4	o-	58	75	8	4000	StCu	10	-	10	·
Cranwell	1010.3	0	SW'S	4	o	60	85	8	2500	StCu	10	-	10	0
Gorleston	1011.4	-2	SW	4	c	65	65	6	5700	Cu	7	-	7	
Valencia (Cahirciveen)	1010.6	+1	WSW	4	c-	56	85	8	1500	StCu	8	-	8	!
Roches Point	1010.6	0	W'S	4	c-	61	75	9	4000	Cu	7	-	7	·
Pembroke (St. Ann's H.)	1011.6	-2	WSW	6	cJp	55	92	7	2500	Nb	8	-	8	
Ross-on-Wye	1011.7	-1	WSW	6	c	59	75	8	2500	StCu	4	CiCu	7	0
Leafield														
Andover	1013.6	-1	SW'W	5	o	64	65	8	4000	StCu	9	-	9	0
S. Farnborough	1013.3	-2	WSW	5	o	66	55	8	4000	StCu	9	-	9	0
London (Kew Obsy.)	1013.0	-3	SSW	5	c	67	55	8	5700	Cu	7	-	7	0
Croydon	1013.5	-2	W	4	bc	66	55	8	4000	Cu	6	-	6	0
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1013.1	-2	WSW	4	bc-	67	65	7	2500	Cu	4	-	4	·
Felixstowe	1012.5	-2	SW	4	bc-	67	55	6	2500	StCu	6	-	6	0
Lympne	1014.4	-1	SW	6	o	60	65	8	1500	StCu	9	-	9	0
Scilly (St. Mary's)	1016.4	0	WSW	4	o	60	85	8	4000	StCu	5	aSt	9	·
Falmouth (Pendennis)	1015.4	-1	W	5	o	59	75	8	4000	StCu	10	-	10	·
Plymouth (Cattewater)	1015.2	-1	SW	5	o	59	75	8	4000	St	10	-	10	0
Portland Bill	1016.1	-2	WSW	5	o	58	75	7	2500	Nb	3	aSt	10	·
Southampton (Calshot)	1014.7	-1	SW	6	c-	63	65	8	4000	Cu	8	-	8	0
Dungeness	1015.5	-1	WSW	5	c	62	75	8	4000	Cu	5	aCu	7	·
Guernsey	1017.7	-3	SW'W	4	o	60	85	8	5700	StCu	9	-	9	·

Observations at 1800 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	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	992.1	0	W	3	odo	51	85	6	4000	Nb	4	aSt	10	2
Stornoway	997.2	+6	N	5	oTo	51	85	7	450	St	10	-	10	4
Wick	995.2	+2	NW	2	opro	52	97	8	1500	Nb	8	aSt	10	0
Castlebay	998.7	+2	NW	3	opro	52	92	7	1500	St	10	-	10	3
Nairn	995.4	·	WNW	3	ot	58	75	8	1500	St	10	-	10	·
Aberdeen	996.6	0	SW	4	c	62	65	8	2500	Cu	8	-	8	0
Malin Head	1000.7	+1	WSW	5	oTo	54	92	7	2500	St	9	-	9	5
Renfrew	1000.5	-1	WSW	4	oddo	55	97	7	1500	Nb	9	-	9	·
Edinburgh (Inchkeith)	1000.3	+3	WSW	4	ct	56	75	8	·	St	2	aSt	8	2
Leuchars	998.7	0	SW	6	c/r	57	85	7	1500	Nb	8	-	8	·
Eskdalemuir	1002.8	0	SW	5	opro	55	85	8	1500	St	9	-	9	·
Tynemouth	1002.7	0	W	3	bc	64	55	8	4000	CuNb	4	-	4	2
Blacksod Point	1003.6	0	W	3	o	56	92	8	·	·	·	·	10	5
Donaghadee	1003.9	0	WSW	4	bc	60	75	8	800	CuNb	6	-	6	4
Birr Castle	1007.0	·	SW	4	cpro	58	85	7	2500	Cu	8	-	8	·
Holyhead	1007.5	0	SW'S	4	c	58	92	7	4000	StCu	8	-	8	3
Liverpool (Bidston)	1007.1	0	SW	4	o/T	58	75	9	1500	StCu	9	-	9	5
Chester (Shotwick)	1007.8	0	W	5	opro	61	75	8	1500	St	9	-	9	·
Harrogate	1005.7	-1	WSW	4	b/r	60	75	8	4000	StCu	2	CiCu	3	·
Spurn Head	1007.1	-1	SW	5	o	61	75	7	2500	StCu	8	aCu	9	·
Birmingham (Edgbaston)	1009.9	0	SW	4	odo	57	85	7	4000	Nb	10	-	10	·
Cranwell	1009.5	-1	SW	4	o	61	85	8	2500	StCu	10	-	10	·
Gorleston	1010.7	0	WSW	3	bc-	67	55	6	5700	StCu	2	aCu	6	0
Valencia (Cahirciveen)	1010.7	0	WSW	5	c	57	75	8	1500	StCu	7	-	7	4
Roches Point	1010.9	0	W'S	3	bc	59	75	8	4000	Cu	5	-	5	3
Pembroke (St. Ann's H.)	1011.3	0	SW'W	5	bc	56	85	7	4000	StCu	6	-	6	6
Ross-on-Wye	1011.4	-1	SSW	5	o	58	85	8	2500	StCu	10	-	10	·
Leafield	1011.1	0	SW	5	o	58	85	7	2500	CuNb	10	-	10	·
Andover	1012.8	-1	SW	4	c	62	75	8	2500	StCu	6	aCu	7	x
S. Farnborough	1012.7	-1	SW	5	ot	62	75	8	1500	StCu	7	aCu	9	·
London (Kew Obsy.)	1012.2	-1	SSW	4	ct	66	65	8	2500	StCu	7	Ci	8	·
Croydon	1012.7	-1	WSW	4	bct	63	65	8	4000	StCu	5	CiCu	6	·
Clacton-on-Sea	1011.6	-1	SW	6	b	66	65	7	4000	Cu	3	-	3	4
Shoeburyness	1012.1	-2	SW	3	b	64	75	7	4000	Cu	1	Ci	2	·
Felixstowe	1011.3	-1	SW'S	4	b-	67	65	7	4000	StCu	1	aSt	2	
Lympne	1013.8	-1	SSW	5	c	58	85	8	1500	StCu	8	-	8	·
Scilly (St. Mary's)	1015.2	-1	W'S	5	o	57	92	6	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1014.5	0	W	4	o	58	85	7	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1014.3	-1	SW	5	o	58	85	7	2500	St	5	aSt	10	3
Portland Bill	1013.9	-1	WSW	5	c-	58	75	7	2500	Nb	5	CiCu	8	4
Southampton (Calshot)	1013.9	-1	SW'W	6	ct	59	85	7	4000	Cu	2	Ci	7	3
Dungeness	1013.9	-3	WSW	5	bc-	58	85	8	4000	Cu	5	-	5	5
Guernsey	1016.1	-2	W'N	5	bc+	58	85	8	7200	StCu	3	CiCu	5	3

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °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 0900 G.M.T. 30th											
Kew	18	coby	cybcyc	cocbw	·	·	51	-	-	8.5	·	·	8
Croydon (24 hours ended 0700)	244	obcy	cybc	cocbcv	·	·	50	-	-	7.4	·	·	8
Greenwich (Royal Obsy.)	149	oc	cbc	bcooo	71	55	51	-	-	8.2	56	65	7
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	7.6	·	·	·
Westminster (St. James' Pk.)	27	·	·	·	68	57	54	-	-	8.7	?	70	·
Regent's Pk. (Botanic Gdns).	168	·	·	·	·	·	·	·	·	7.3	·	·	·
Camden Square	110	c	co	·	70	56	52	-	-	·	·	64	·
Kensington Palace	80	obc	bc	·	63	·	51	-	-	·	At 18h 63	62	·
Hampstead Observatory	450	·	·	·	61	54	47	-	-	8.3		67	·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 30th.

South Kensington Max.	Time.	Min.	Time.
-	-	-	-

Kew Observatory Max.	Time.	Min.	Time.
-	-	..	,

POLE STAR RECORD at Greenwich Obsy.

Exposure from 30th 21 h. 45 m. to 1st 02 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	4.30	0.07	3
δ Ursae Minoris	4.30	0.07	3

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 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per § sec.	Stren.	Direc.
13h.	·	·	·	·
18h.	·	·	·	·
6h.	·	·	-	·
9h.	-	·	-	·

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

30th June : 1st July, 1924.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.35 / 3.35	11.56 / 11.56	8.17 / 8.17
Greenwich	3.48 / 3.48	12.3 / 12.3	8.18 / 8.18
Wick	3.10 / 3.11	12.15 / 12.15	9.19 / 9.19
Valencia	4.26 / 4.26	12.44 / 12.44	9.2 / 9.2

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—10000 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.

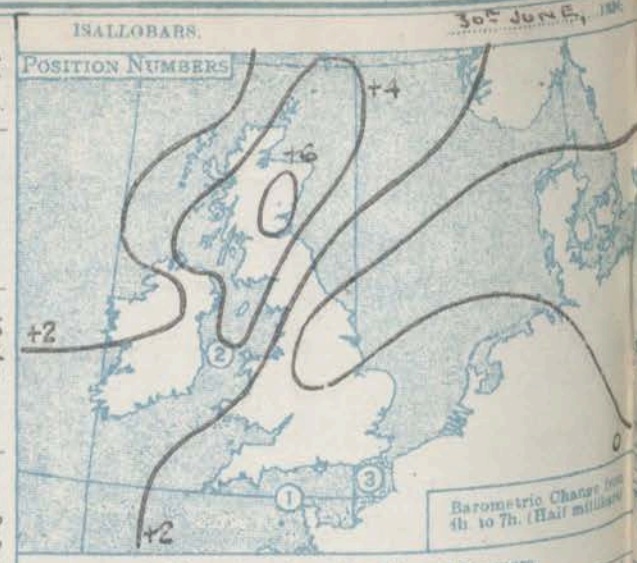
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea
7=rough sea.
8=very rough sea.
9=mountainous sea

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

* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 29th.	13h.-18h. 29th.	18h. 29th. to 1h. 30th.	1h.-7h. 30th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN. 29th. Hours.
Lerwick	omrd	omd	omd	omd	53	47	.	4	0.4	<0800	<2100	0.0
Stornoway	p	p	c	p	57	43	.	2	0.2	-	-	1.9
Wick	oir	oir	p	cpr	62	45	.	1	0.6	1730	2400	
Castlebay	op	op	opcb	bc	54	48	.	1	0.3	-	-	0.0
Nairn	irq	cqr	opcq	cq	62	45	.	2	2	0900	<2200	5.2
Aberdeen	bc.cpr	bcpr	cbro	ocb	67	47	42	0.3	1	1230	2200	8.0
Malin Head	cmdq	c.omr	oRir	copr	60	47	.	1	3	<0800	<2100	1.7
Renfrew	cpoq	opdq	oqr	oc	58	47	43	0.2	1	<0800	<2100	0.5
Edinburgh (Inchkeith)	bc	c	oo	p	60	49	47	-	0.3	-	<2100	10.2
Leuchars	c.o.bcoo	opro c	co	co	64	49	46	trace	-	<0800	-	3.9
Eskdalemuir	c.opr.c	c.opro	ocro	ooro	59	47	46	1	2	1100	2200	5.3
Tynemouth	b-bc	b-bcq	bcqb	orr	67	53	48	-	4	-	-	.
Blacksod Point	c	oo	cc	cc	60	49	.	0.5	-	-	-	.
Donaghadee	oq	cq	cp	opbc	64	49	.	-	2	-	<2100	.
Birr Castle	cpro	cpoq	cor	co	59	48	45	0.1	1	<0800	<2100	3.6
Holyhead	opo	oc	cbc	co	60	50	50	trace	1	1100	0630	4.3
Liverpool (Bidston)	opo	opo		op	63	52	50	1	1	1100	<2400	1.0
Chester (Shotwick)	oqroq	oprq	oprcc	coodq	64	54	45	0.5	Trace	1100	<2100	1.8
Harrogate	p	p	b	oidq	60	50	43	0.4	1	<0800	0530	3.0
Spurn Head	oo	oproo	bcb	bbc	63	52	.	trace	-	1630	-	1.4
Birmingham (Edgbaston)	oo	odo	opsbc	bc	61	49	42	-	Trace	-	<2100	0.0
Cranwell	oo	poo	ocb	bbc	62	49	44	trace	-	1430	-	0.0
Gorleston	cq	cq	cbc	bcb	70	55	?	-	-	-	-	10.0
Valencia (Cahirciveen)	o.cidq	c.bc.c	copc	coc	59	52	47	0.1	0.6	<0800	<2100	4.7
Roches Point	do.o	c.bc	bcb	bbc	62	51	.	0.3	-	<0800	-	
Pembroke (St. Ann's H.)	oqp	cq	c	c	57	54	.	0.2	-	<0800	-	2.7
Ross-on-Wye	oo	cqo	ocdbc	coc	60	53	50	-	Trace	-	<2100	0.9
Leafield	c.o	c.o	co	co	63	48	41	-	-	-	-	2.3
Andover	oo	o.c	co	ocbcc	67	48	45	-	-	-	-	4.5
S. Farnborough	ooy	o.cbcyc	c	c	70	51	47	-	-	-	-	5.4
London (Kew Obsy.)	c.o.bycybcyc		co	ocbw	70	56	51	-	-	-	-	3.5
Croydon	o.bcy	cybc	bcc	cocbw	68	55	50	-	-	-	-	7.4
Clacton-on-Sea	c.bcy	bc	bc	bcc	69	58	56	-	-	-	-	8.6
Shoeburyness	o.bc	bc	bbcc	cbcb	66	55	?	-	-	-	-	8.6
Felixstowe	o.cy	bcycybcy	bc	ocbc	70	57	55	-	-	-	-	9.5
Lympne	oro o	o.c.o.c	cbc	bcomr	67	51	48	trace	Trace	<0800	0600	2.7
Scilly (St. Mary's)	oo	oo	bc	bbc	61	[illegible]	.	-	0.2	-	<2100	0.2
Falmouth (Pendennis)	c.o	c.o	cor	cobc	61	52	.	-	Trace	-	<2100	1.2
Plymouth (Cattewater)	oq	oq	oycr	bcb	60	53	47	-	0.3	-	2200	0.1
Portland Bill	od	c	c	c	53	55	.	-	Trace	-	2400	.
Southampton (Calshot)	o.c	c.bc.c	c	ochcb	63	53	50	-	-	-	-	7.3
Dungeness	c	c	c	c	63	57	.	-	Trace	-	0630	.
Guernsey	c	bc	c	cocbc	?	?	.	-	Trace	-	-	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	29th 0900	Cambria	S	5	cq	56	55
3	30th 0100	Dieppe	W	3	bc	57	56

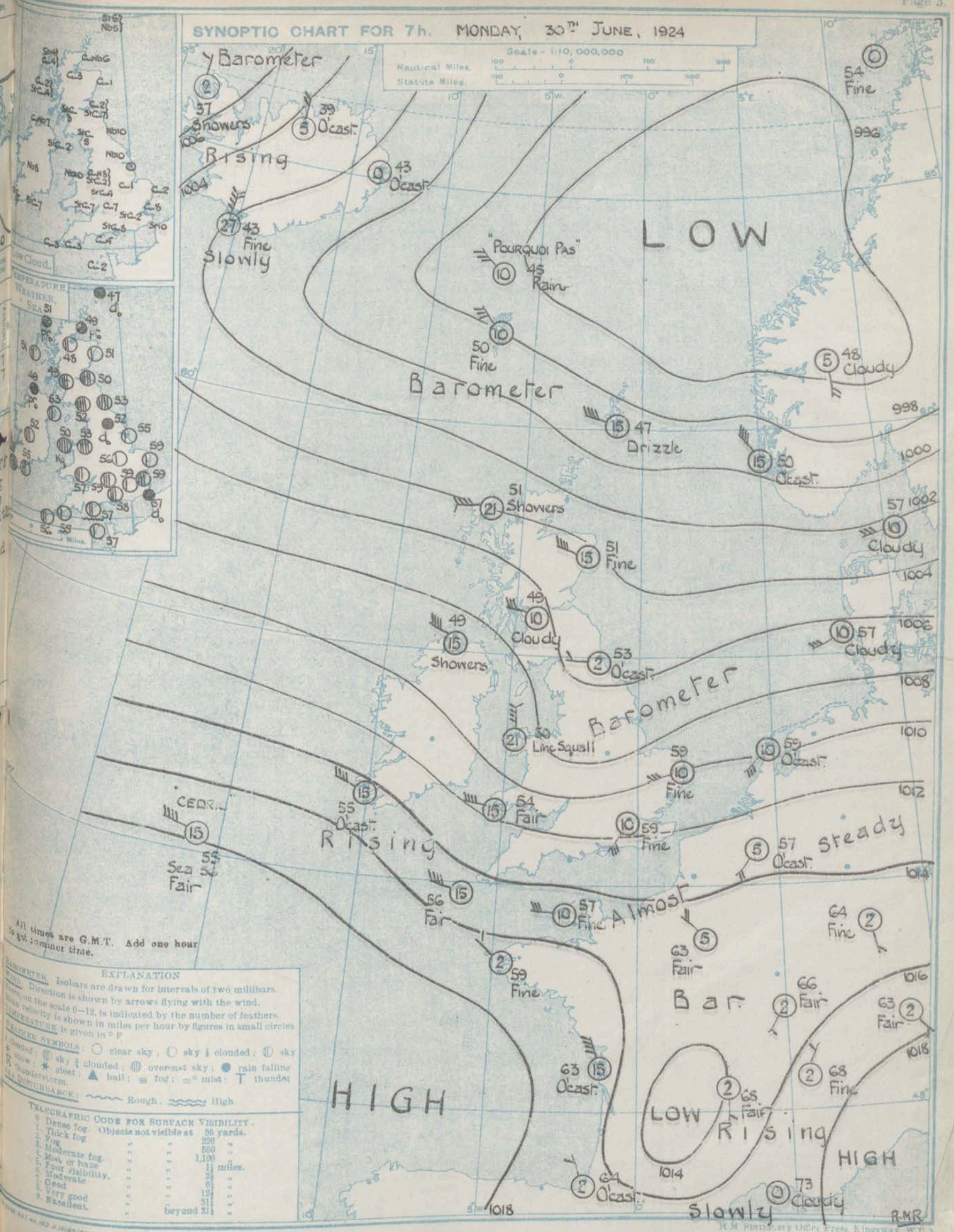
GENERAL INFERENCE.

A ridge of high pressure off the west of Ireland is spreading east, and northwesterly winds are likely over the British Isles with mainly fair weather but local showers at first in the North and East. Day temperature will be moderate or rather warm.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 30th June, 1924.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind northwesterly, moderate, fresh at times; mainly fair, risk of local thundery showers at first; visibility good; day temperature moderate to rather warm.	Mainly fair.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind northwesterly, moderate, fresh at times; fair; visibility good; day temperature moderate to rather warm.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	As 1 - 3.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 4 - 7.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0845 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. MONDAY, 30TH JUNE, 1924
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
Temperature
Weather
Sea
LOW
Barometer
Rising
Steady
Almost
HIGH
Bar.
"Pourquoi Pas"
Sea 56
Fair
Slowly
Line Squall
Showers
Drizzle
Rain
Fine
Cloudy
Fair
All times are G.M.T. Add one hour for summer time.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0—12, is indicated by the number of feathers.
Wind velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ½ clouded; sky clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
0. Dense fog. Objects not visible at 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 " " 6 "
7. Good " " 12 "
8. Very good " " 31 "
9. Excellent. " beyond 31 "
R.M.R.
H.M. Stationery Office Press, Kingsway, W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.. MONDAY, 30th JUNE ..... 1924. No. 182..

Observations at 0100 G.M.T. 30th

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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	9937	+2	WNW	4	od	49	92	6	800	Nb	10	-	10
Stornoway ...	51	10034	+6	NW	2	bc	•	•	6	•	•	•	•	•
Wick	81	9993	+3	NW	2	o/p	48	97	8	1500	Nb	8	A.St	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	10040	+6	N	4	or	51	85	8	4000	Nb	3	A.St	9
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	10014	+2	WSW	4	o-	53	85	8	•	Cu	9	-	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	10040	0	W	1	b	55	75	7	4000	Cu	3	-	3
Blacksod Point ...	10	10080	+3	NW	3	0	53	85	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	10073	-1	SW'W	4	bc	54	85	8	4000	St.Cu	4	-	4
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	489	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	26	10076	0	SSW	4	b	54	92	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	10095	0	SW	3	b	53	92	8	-	-	0	-	0
Gorleston	13	10109	0	SW	1	bc-	58	85	7	-	-	0	Ci.Cu	5
Valencia (Cahirciveen)	30	10123	+3	W	1	o/r	53	97	8	-	St.Cu	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	10122	+1	W	4	bc	54	85	8	4000	St.Cu	6	-	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	239	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	10120	-2	W'S	3	c	57	85	7	-	-	0	A.St	8
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10126	-2	S	2	bc-	53	92	7	4000	St.Cu	4	-	4
Scilly (St. Mary's) ...	131	10147	0	W	3	bc	54	92	8	4000	St.Cu	5	-	5
Falmouth (Pendennis)	209	10140	0	W	2	0	52	92	7	4000	St.Cu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	19	10125	-2	WSW	5	od	57	92	6	2500	Nb	10	-	10
Southampton (Calshot)	13	10129	-1	WSW	4	0	58	85	7	1500	St	10	-	10
Dungeness	21	10125	-1	WSW	4	bc+	57	92	8	-	-	0	A.Cu	4
Guernsey														

Observations at 0700 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. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rain 0-9
Lerwick	9981	+4	WNW	4	odc	47	85	6	800	St	10	-	10	3
Stornoway ...	10046	+1	W	5	cpr	51	85	7	450	St	8	-	8	4
Wick	10027	+4	NW	3	cpr	49	92	8	1500	Cu.Nb	6	Ci	8	0
Castlebay	1008	+3	W	4	bc	51	75	8	4000	St.Cu	6	Ci.Cu	6	3
Nairn	10054	•	•	0	bc-	48	75	8	4000	Cu	3	Ci	5	•
Aberdeen	10053	+5	WNW	4	b	51	75	8	4000	Cu	1		3	0
Malin Head	10034	+4	NW	4	cpr	49	85	8	4000	Cu.Nb	7	-	7	4
Renfrew	10072	+5	WNW	3	c-	49	85	8	7200	St.Cu	3	Ci	9	•
Edinburgh (Inchkeith)	10057	+7	N	2	o	50	75	8	•	St.Cu	9	-	9	0
Leuchars	10057	+6	NW	4	c-	51	65	8	5700	St.Cu	3	Ci	9	•
Eskdalemuir	10063	+4	NW	4	o-	52	75	8	2500	St.Cu	5	Ci.St		0
Tynemouth	10048	+1	W	1	o/r	53	92	6	1500	Nb	10	A	10	
Blacksod Point ...	10149	+3	NW	3	bc	57	75	9	•	•	•	•	6	4
Donaghadee	10095	+2	NNE	3	bc-	53	85	8	1500	St.Cu	2	Ci	4	3
Birr Castle	1011.8	•	NW	1	c	52	92	6	1500	Nb	8	-	8	•
Holyhead	10090	+4	N	5	oKq	50	97	6	.800	Nb	10	-	10	4
Liverpool (Bidston) ...	10078	+1	SW	3	o/r	53	97	8	2500	Cu.Nb	10	-	10	
Chester (Shotwick) ...	10082	+1	SW'W	3	od	55	85	8	1500	St	10			•
Harrogate	10061	-1	SW	3	od	52	92	7	1500	Nb	10	-	10	1
Spurn Head ...	10074	0	SW	4	b	55	85	7	-	-	0	A.Cu	2	•
Birmingham (Edgbaston)	10100	0	WSW	4	bc+	55	75	8	4000	St.Cu	4	Ci	5	•
Cranwell	10092	0	SW	3	b-	56	85	8	2500	Cu	1	A.Cu	3	
Gorleston	1010.6	0	WSW	3	b-	59	75	7	5700	Cu	2	-	2	
Valencia (Cahirciveen)	10159	+3	NW'N	4	o	55	75	8	2500	St.Cu	9	-	9	4
Roches Point	10143	+3	NNW	3	c	55	85	8	4000	St.Cu	7	-	7	0
Pembroke (St. Ann's H.)	10124	+2	W'N	4	bc	54	85	8	4000	St.Cu	6	-	6	5
Ross-on-Wye	10106	0	SW	3	c	57	75	7	2500	St.Cu	7	-	7	•
Leafield	10106	0	SW	3	c	53	85	7	4000	Cu	7		7	
Andover	10125	0	WSW	4	c+	56	85	8	2500	St.Cu	8	-	8	•
S. Farnborough ...	1011.8	+2	W	4	c	58	75	8	1500	St.Cu	8	-	8	•
London (Kew Obsy.) ...	10121	+1	SW'S	3	b+	59	75	8	4000	St.Cu	2	-	2	•
Croydon	10119	+1	W'N	3	b	58	75	8	1500	Cu	3	-	3	
Clacton-on-Sea ...	1011.1	0	WSW	3	c	59	85	8	1500	Cu	8	-	8	1
Shoeburyness	10120	0	W	4	b-	59	65	8	-	Cu	1	-	1	•
Felixstowe	1011.0	0	SW'W	3	b-	60	75	7	4000	St.Cu	2		2	4
Lympne	10129	0	S'W	3	o/r	57	97	6	450	St	8	A.St	9	0
Scilly (St. Mary's) ...	10153	+1	WNW	4	bc	56	85	8	4000	Cu	3	A.Cu	4	4
Falmouth (Pendennis)	10140	0	WNW	4	b	55	85	8	4000	Cu	3	-	3	0
Plymouth (Cattewater)	1014.2	0	W	5	bc	55	85	6	800	Cu.Nb	6	-	6	3
Portland Bill ...	10133	0	W	6	bc-	57	75	7	4000	Cu	4	-	4	6
Southampton (Calshot)	10129	0	WSW	4	b	59	75	8	2500	Cu	2	-	2	4
Dungeness	10124	0	WSW	4	od	57	97	6	1500	St	10	-	10	3
Guernsey	10150	+1	W	3	b+	57	85	8	5700	Cu	2	-	2	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th June

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 28th-29th °F	Temperature. Max. Day. 29th °F	Rainfall.† Night 17h.-9h. 28th-29th mm.	Rainfall.† Day 9h.-17h. 29th mm.	Sunshine. Sunrise to 17h. 29th	Sunshine. Sunrise to Sunset. 28th hr.
Berwick-on-Tweed	c.oq.bc	b.bcqv	54	65	-	-	8.3	1.7
Douglas (I o M) ...	op	bc	53	61	2	0.5	3.4	0.0
Llandudno	odo	d.cb	54	63	1	0.1	2.2	1.1
Colwyn Bay ...	c	bc	55	64	-	-	1.0	2.0
Rhyl	c	c	55	64	-	0.1	1.9	1.5
Southport	or	op bcc	54	63	3	0.1	1.3	2.5
Blackpool	oq	b	55	62	1	-	1.2	0.1
Ilkley	cpoo	sp.c.bc	52	61	0.3	1	0.3	2.1
Skegness	d.c	o.	55	65	-	-	0.0	5.5
Aberystwyth ...	r or	bc	54	61	2	4	1.5	1.0
Bath	o	o.c	56	66	-	-	0.7	4.3
Leamington Spa ...	o	o	55	64	-	-	0.2	3.8
Lowestoft	o.c.bc	c.bcco	55	69	-	-	6.6	8.1
Felixstowe	o	bc	57	70	-	-	7.5	7.4
Harwich & Dovercourt ...	o.c.o.c	bc.b	55	70	-	-	7.7	8.0
Southend	o.c.bc	b	56	70	-	-	7.5	6.2
Ilfracombe	c.o	o	57	60	-	-	1.0	4.3
Bude	o	oc	56	62	-	-	0.3	6.0
Paignton	oo.c.	bcq	56	66	-	-	5.8	7.9
Torquay	c.o.c.	bc	56	64	-	-	3.0	7.1
Jersey	co	co	54	65	-	-	2.2	12.0
Weymouth	o.c.	bc	56	67	-	-	2.6	7.5
Bournemouth ...	o.bc	bc	55	65	-	-	6.0	7.0
Portsmouth (S'thsea)	o	b.bc	57	65	-	-	4.3	8.0
Littlehampton ...	o.c	bc	56	66	-	-	3.1	7.1
Worthing	o.c.	c.bc.b	57	64	-	-	3.1	6.9
Brighton	o	c	58	62	-	-	6.3	6.1
Eastbourne	o.c	c.bc.c	56	63	-	-	5.0	8.0
Hastings	o.c	c.bcc	56	62	-	-	2.4	5.9
Folkestone	bc	c	55	63	-	-	6.0	7.3
Dover	oVoc	c.bc.c	56	62	-	-	4.8	6.3
Tunbridge Wells ...	c	bcc	51	65	-	-	4.6	6.3
Ramsgate	c.bc	bc	54	66	-	-	8.8	8.2
Margate	c.bc	bc	53	67	-	-	7.6	8.6
Deal	b.bc	bc.c	52	65	-	-	8.0	7.3

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 for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, June 1924.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Castlebay 1300	Temp 53°
	Plymouth 1300	Cloud height 5000'
	Camden Sqre	c.or. o.c.o 73. 51. 51. 3. 13. 752
	Hampstead	✱ ✱ ✱ 67 51 ✱ 3-12. 75%
	Leuchars 1800	Wind NE 2 Weather odd.o
	Lerwick 0100	Temp 48°
	Folkestone 0100	Wind force 3
	Birmingham	Bar change -4
	Felixstowe	Day rain 0.3mm.
2nd	Plymouth	Weather 18-1hr 22rRro
	Lerwick 1800	" 7-13hr bc.c.o.
	Donaghadee 1800	Vis: 8
	Westminster	Wind NW.
	Croydon 0100	Rain 6.5 mm
	Lympne 0100	Hum 97%
	Birr Castle 0700	Bar 1014.4 mb
	Cranwell 0700	Hum 85%
	Birmingham 0700	Bar 1016.9 mb Vis 8
	Nairn	Cloud aCu g
	Chester	Night rain 0.3 mm
	Cranwell	Weather 18-1hr oo
3rd	Plymouth	Grass Min 31°
	Harrogate 1300	Sun 2.1 Weather 13-18hr orRro
	Calshot 1300	Bar 1018.3 mb Temp 41°
	Stornoway 1800	Temp 55°
	Andover 1800	Wind N.E.
	Eskdalemuir	Temp 59°
	Harrogate	Max 58°
4th	Andover	Weather 7-13hr oo.oy.
	Roches Pt 1300	Sun 1.5 hrs
	Stornoway 1800	Weather 18-1hr bc.c.
	Andover 1800	Temp 55°
	Dungeness 1800	Wind NNE 3
	Cranwell 0700	Bar 1018.9 mb Cloud height 450'
	Harrogate 0700	Bar 1014.5 mb
	Plymouth 0700	Cloud height 1500'
	Skegness	Bar change 0
	Wattching	Weather or.r.
	Paignton	Past Weather xb. bc.b
	Edinburgh	Max 57°
5th	Harrogate	o. Copr. 49. 62. - Trace 0.4 6.1
	Aberdeen 1300	Grass Min 37°
	Chester 1300	Sun 13.0 hrs
	Cranwell 1300	Weather b- Cloud StCu 2 - 2
	Borlestan 1800	Temp 58°
	Roches Pt 1800	Wind ESE 3
	Calshot 1800	Cloud StCu 10
	Pembroke 0100	Hum 92%
	Andover 0700	Weather or.r.
	Stornoway	" b Cloud - - o - o
	Lerwick	Wind force 3
	Aberdeen	Min 35°
6th	Plymouth	Sun 12.3 hrs
	Leuchars 1800	" 6.6 -
	Birmingham 1800	Time of rain <0800
	Valencia 1800	Cloud height 1500'
	Clacton 1800	Wind SSW 3
		Cloud St 7 aSt 10
	Lerwick	1020.8 +1 ENE 4 b 53 65 7 - o aCu 3
	Spurn Hd 0100	Hum 85%
	Stornoway 0100	Temp 51°
	Rhyl 0700	Hum 92%
	Harrogate	Min 48°
7th	Leafield	Day rain Trace Sun 8.2
	Stornoway 1300	Max 62°
	Spurn Hd 1300	Bar 1012.3 mb
	Wick 1800	Wind force 4
	Holyhead 1800	Bar 1012.6 mb
	Harrogate 1800	" 1016.3 -
	Birmingham 1800	Cloud 800'
	Borlestan 0100	Bar 1017.9 mb Cloud StCu 5 aSt 10
	Scilly 0700	Temp 54°
	Renfrew	Hum 97% Vis: 5
	Chester	Day rain 3 mm
	Borlestan	Weather 7-13hr T o or
	Croydon	Min 54°
	Calshot	Sun 6.3 hrs
	Plymouth	" 6.0.
8th	Renfrew	Weather 7-13hr c.bc.o.cpr.
	Westminster	" 13-18- bc.c.o.
	Camden Sqre	Day rain 3 mm
	Hampstead	69 55. 50. 8mm 60% 76% 72 54 53 8 - 69 52 40 11 - 1.6 sun

Report for	STATION.	CORRECTION.
8th	Wick 1800	Hum 92%
	Chester 1800	Bar 1012.1 mb
	Lerwick 0100	Cloud 200'
	Pembroke 0700	Wind W.
	Felixstowe 0700	Sea 0
	Edinburgh	Sun 6.1 hrs
	Holyhead	Grass Min 50°
	Chester	Time of rain 1430
	Harrogate	Min 53°
	Felixstowe	Weather 1-7hr o21Ro r
	Plymouth	Summary oddgrro obc 59 52 49 1. 3! 0900 <2100 0.1 hrs
9th	Plymouth 1300	Bar 1018.2 Wind W.
	Tynemouth 1800	Sea 1.
	Westminster	65 53 51 2mm 63% 76%
	Hampstead	64 52 38 4- 64hrs 67%
	Ross-on-Wye 0700	Temp 55°
	Deal	Max 66°
	Renfrew	Sun 0.0 hrs
	Tynemouth	Day rain 5
	Liverpool	" " " Night rain 1 mm
	Spurn Hd	Night rain 0.2 mm
	Ross-on-Wye	Weather 13-18hr p.c. opt.c.
	Shoeburyness	Night rain Trace
10th	Malin Hd 1300	Bar change -2
	Birr Castle 1300	Wind SE! 2.
	Holyhead 1300	Weather ot
	Harrogate 1300	Bar change 0 Hum 75%
	Pembroke 1300	Temp 55°
	Hampstead	Grass Min 49°
	Lerwick 1800	Weather 0
	Wick 1800	Temp 47°
	Harrogate 1800	Weather 0 StCu 10 -10
	Felixstowe 0700	Wind SW'S 4.
	Southport	Min 52°
	Bath	o.c.bc.b. b.bc 54 65 - - 8.2 9.0
	Harwich	o.c. or. 53 63 1 Trace 1.9 6.1
	Blacksod Pt	Max 58°
	Harrogate	Min 50°
	Calshot	Night rain 3 mm Sun 10.3 hrs
	Plymouth	Weather 18-1hr bq
11th	Renfrew 1300	Bar 1004.5 mb Cloud CuNb 9
	Holyhead 1300	Wind SSW
	Calshot 1300	Cloud Cu 6 aSt 10
	Dungess 1300	Total cloud 8/10
	Stornoway 1300	Bar 1003.8 mb.
	Holyhead 1800	Bar change -4
	Felixstowe 1800	Weather ofr Cloud Nb 10
	Harrogate 0700	Bar change? Wind SSW
	Birmingham 0700	Weather 0- Vis: 8
	Dungeness 0700	Temp 56°
	Guernsey 0700	Bar change -7 Hum 92% Vis: 6
	Aberystwyth	Rain 7mm + 3mm
	Chester	Weather 1-7hr oRpro m o.
	Harrogate	Min 52°
	Birmingham	" 52°
	Roches Pt	Night rain 2mm.
	Felixstowe	Time of rain 0630
	Dungeness	Min 54°
	Plymouth	Weather 18-1hr oq/rr RR y
12th	Harrogate 1300	Bar 996.9 mb
	Calshot 1300	Weather c Cloud Cu 8 - 8
	Leuchars 1800	" cjp.
	Chester 0700	Wind NNW 3
	Harrogate 0700	Temp 49°
	Birmingham 0700	Wind NNE
	Pembroke 0700	Cloud St 8 -8
	Ross-on-Wye 0700	Weather 0 Cu 9 - 9
	Plymouth 0700	Hum 92%
	Torquay	Night rain 16mm
	Aberdeen	Weather 18-1hr b. off Time of rain 0330
	Tynemouth	Min 47°
	Chester	Weather 13-18hr opRorm
	Harrogate	Max 62° Min 48°
	Roches Pt	Day rain 3mm
	Ross-on-Wye	Night rain 2mm
	Plymouth	Sun 2.5 hrs Weather 18-1hr oq/pr r o r d. d.
13th	Wick 1300	Wind NNE 4
	Holyhead 1800	Weather o/r
	" 0100	Bar change +6
	Wick 0700	Weather o Cloud StCu 10 - 10
	Harrogate 0700	Wind N
	Chester	Max 65°

Report for	STATION.	CORRECTION.
13th	Harrogate	Weather 7-13hr c
	Spurn Hd	" 13-18 - ffo
	S. Darnboro'	Night rain 1 mm
14th	Harrogate 1800	Weather 0
	Lympne 1800	Cloud height 2500'
	Plymouth 1800	Hum 65%
	Harrogate 0700	Wind NW 2
	Skegness	Weather od. ocbco 48 52 Trace - 3.9 7.4
	Felixstowe	Min 50°
	Hastings	odo o.c.bc 52. 58. 1. 0.3 0.5 5.0
	Birr Castle	Weather 18-1hr c.o.
	Spurn Hd	Sun 5.0 hrs
15th	Liverpool 1300	Wind WNW
	Roches Pt 1300	Hum 85%
	Pembroke 1300	Vis: 6
	Ross-on-Wye 1300	Hum 55°
	Westminster	61. 46. 43 - 7.4 hrs
	Camden Sqre	62. 47. 42 - ✱
	Hampstead	62. 45. 37 - 7.9 hrs 81%
	Birmingham 1800	Cloud Ci
	Borlestan 1800	Weather o- Cloud StCu g
	Roches Pt 1800	Bar 1026.1 mb.
	Dungeness 0100	Wind W.2.
	S. Darnboro'	Min 43 grass Min 39°
16th	Lerwick 1300	Weather bcjp Cloud Nb 5
	Borlestan 1300	Bar 1021.5 mb.
	Nairn 1800	Wind - o.
	Holyhead 1800	Sea 1.
	Pembroke 0100	Bar 1019.0
	Andover 0700	Bar 1018.2 -1 - o off 53 97 1 <150 St 10 - 10.
	Dungeness 0700	Cloud height <150
	Skegness	Sun 14th 9.3 hrs
	Lerwick	Sun 4.8 hrs
	Harrogate	- 7.7 -
	Andover	Weather 18-1hr bc 1-7hr bcm OFF grass Min 44° Sun 6.2 hrs
	Felixstowe	Weather 18-1hr bm
17th	Stornoway 1300	Bar 1012.4 mb.
	Renfrew 1800	Bar change -1
	Eskdalemuir 0700	Wind NNW 3
	Pembroke 0700	Temp 62°
	Calshot 0700	Wind ESE
	Chester	Weather 7-13hr oor.g
	Cranwell	" 1-7 - om-o.tf
	Cranwell	" 1-7hr bc.c.
	Plymouth	Day rain nil
	Guernsey	Weather 7-13hr cy
	Borlestan	" 18-1hr c
18th	Lerwick 1300	" 7-13 bz 13-18hr bz
	Liverpool 1300	Temp 55°
	Chester 1800	Bar 1007.4 mb
	Cranwell 1800	Bar change -3
	Croydon 1800	Wind SE
	Blacksod Pt 0100	Hum 75%
	Eskdale 0700	Wind NW. 6.
	Renfrew	Temp 60°
	Harrogate	Weather 13-18hr bc.c.o.
	Cranwell	Min 51°
	Valencia	Night rain Trace
	Felixstowe	Day rain 15 mm Time 1630 Weather 13-18hr o.c.o grass Min 48°
19th	Eskdalemuir 1300	Bar 1007.5 mb
	Tynemouth 1300	Cloud St 3 aCu 5
	Harrogate 1300	Bar 1013.2 mb
	Felixstowe 1300	Weather c
	Hampstead	Sun 9.2 hrs
	Roches Pt 1800	Hum 85%
	Cranwell 0100	Bar 1012.1 Wind S
	Scilly 0700	Hum 85%
	Leamington Spa	o. o.c.b. 50 69 - - 7.2 5.0
	Chester	Weather 18-1hr cq/c Sun 11.1 hrs
	Birmingham	Sun 7.5 hrs
	Shoeburyness	Min 54°
	Valencia	Sun 2.9 hrs
20th	Birmingham 1300	Bar 1010.9 mb
	Lympne 1300	" 1013.5 -
	Aberdeen 1800	Weather ct Cloud St 7-7
	Scilly 1800	Sea 3
	Plymouth 1800	Bar Change +1
	Blacksod Pt 0100	Wind WSW!
	Nairn 0700	Cloud height 1500'
	Valencia	Weather 18-1hr bc.bw. 1-7hr bocpb
	Scilly	Day rain 0.1 mm.

✱ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, June 1924.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
21st	Donaghadee 1300	Cloud height 220'
	Hampstead	Sun 5.3 hrs
	Edinburgh 1800	Wind SW 3
	Birmingham 0700	Wind SSW
	Southport	Sun for 19th 9.3 hrs
	Aberdeen	Grass Min 36°
	Bitt Castle	Sun 8.3 hrs
22nd	Leuchars 1300	Cloud Ns 8 a St 10
	Croydon 1300	Vis. 9
	Leuchars 1800	Weather bc/21
	Cranwell 1800	Cloud Cu 7 a Cu 8
	Calshot 1800	Wind SW'S
	Kew	Sun 11.4 hrs
	Greenwich	Grass Min 38°
	City	Sun 11.8 hrs
	Westminster	70. 53. 49. - 11.5 45% 67%
	Camden Sqre	b.bc c. 73 53. 48. - - 63%
	Hampstead	69. 52. 41 - - 11.8 hrs 61%
	Stornoway 0100	Wind - 0
	Nairn 0700	Temp 50
	"	Night rain 5 mm.
	Holyhead	Weather 7-13hr bv 13-18hr bv
	Roches Pt	Min 51°
	Shoeburyness	Sun 13.6 hrs
	Lympne	" 13.9 "
	Plymouth	Summary bc.c.bc.b. b. 6348 2mm - 52 hrs
23rd	Calshot 1300	Temp 59 Hum 45%
	Hampstead	Sun 11.8 hrs
	Dungeness 1800	Hum 85%
	Edinburg 0100	Bar 1020.9 mb
	Southport	Max 61° Sun for 21st 8.7 hrs
	Leuchars 0700	Cloud St 10
	Plymouth 0700	Hum: 92%
	Nairn	Max 60°
	Pembroke	Min 53°
24th	Holyhead 1300	Vis 5
	Calshot 1300	Temp 66°
	Greenwich	Grass Min 47° Sun 8.9 hrs
24th	Torquay	Min 56°
	Plymouth	" 56° Grass Min ?
25th	Hampstead	74. 58. 51 - - 10.4 hrs
	Wick 1300	Wind WNW 2
	Brighton	Max 73°
	Liverpool	Min 58°
	Belfast	Sun 8.3 hrs
26th	Castlebay 1300	Temp 53°
	Leuchars 1300	Vis 6
	Donaghadee 1300	Weather cd.
	Hampstead	76 57 51 - - 12.7 hrs
	Plymouth 1800	Hum 75%
	Dungeness 1800	Cloud height <150
	Holyhead 0100	Wind S'W Cloud height 225
	Lympne 0100	" SSW.
	Eskdale 0700	Temp 56°
	Tynemouth 0700	" 60°
	Croydon 0700	Wind NW 1.
	Dungeness 0700	Cloud height <150
	Colwyn Bay	Min 61°
	Leuchars	Weather 1-7hr oo
	Chester	" 7-13hr o.cv.
	Plymouth	" 13-18 " c.bc.b 1-7hr ad.d.
27th	Calshot 1800	Vis 6.
	Hampstead	77. 55. 51 Trace 13.7 hrs
	Cranwell 0700	Wind W'S 5
	Torquay 0700	" WSW
	Tonbridge Wells	Sun 25th 12.2 hrs
	Dover	G.F. 55° 58° - - 0.0 hrs 6.3 hrs
	Croydon	Grass Min 51°
	Plymouth	Weather 13-18hr c.bc.b.
	Pembroke	Sun 1.5 hrs
28th	Stornoway 1300	Hum 65%
	Eskdale 1300	Wind WNW.
	Cranwell 1300	Bar 1016.9 mb.
	Wick 1800	Wind NW 4
	Tynemouth 1800	Bar 1015.5 mb
	Birmingham 1800	Wind N.3.
28th	Stornoway 0700	Wind E 3
	Lerwick 0700	" NW 1
	Liverpool 0700	Temp 53°
	Cranwell 0700	Cloud 8
	Aberdeen	Sun 9.2 hrs
	Edinburgh	Max 59 Min 48 Grass Min 45
	Cranwell	Day rain Trace
	Andover	Weather 13-18hr c.o
	Plymouth	Night rain
29th	Stornoway 1300	Hum 92%
	Donaghadee 1300	Cloud Sc 7-7
	Birmingham 1800	Vis 8
	Roches Pt 1800	Hum 85%
	Scilly 1800	Weather bc 58% 67%
	Westminster	64 57 53 - -
	Camden Sqre	c.o. c. 66. 56. 52 - - 5.5 hrs 66%
	Hampstead	63 54 47
	Dungeness 0100	Vis 8
	Chester	Time of rain 1030
	Roches Pt	Night rain 0.1 mm
	Plymouth	Summary 0. c.oo. 62.56. - - 9
30th	Renfrew 1300	Bar 1001.0 mb
	Harrogate 1300	" 1006.1 mb.
	Birmingham 1300	Cloud height 6000'
	Westminster	Max 68°
	Lerwick 1800	Hum 85%
	Stornoway 0700	Hum: 75%
	Valencia 0700	Wind NW'W
	Harrogate	Night rain 0.3 mm
	Valencia	Time of rain 1100
	Scilly	Min 62°
	Liverpool	" 53°

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. mb.	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	Cloud. Sun. 0-9	Weather 7h.-13h.	Weather 13h.-18h.	Weather 18h.-1h.	Weather 1h.-7h.	Max. Day 7h.-13h.	Min. Night 18h.-7h.	Min. on Grass.	Rainfall Day 7h.-18h.	Rainfall Night 18h.-7h.	Precip. taking begins.
8th	Castlebay 0700	1006.0	0	NE	1	od	52	97	3	800	Nb	10	-	10	1			orr	rdf	55	51			5	2100
9th	" 1300	1007.7	+1	SE	1	o	54	92	6	800	St	10	-	10	*	dfom							0.3	0.1	-
	" 1800	1009.3	+2	NW	2	o	54	92	6	1500	St	10	-	10	1		om								
	" 0700	1012.7	+1	NNW	2	od	51	92	6	1500	Nb	10	-	10	1			omdp	om	55	49	*		-	
10th	" 1300	1011.5	-1	NNE	2	o	53	85	7	1500	St	10	-	10	*	do								2	
	" 1800	1009.6	+1	NE	2	o	51	92	6	1500	St	10	-	10	1		o						0.1		
	" 0700	1003.4	-1	E	3	o/r	51	97	6	1500	St	10	-	10	3			off	ofro	53	50	*			
11th	" 1300	1001.3	-2	SE	4	ot	55	85	6	1500	St	10	-	10	*	o.c.o									1630
	" 1800	998.7	-3	ESE	3	or	52	97	6	1500	Nb	10	-	10	4		orr							1	
	" 0700	995.6	0	ENE	3	opo	52	92	6	1500	St	10	-	10	4			rro	op	55	51	*	1		
12th	" 1300	996.3	0	NE	3	c	58	85	6	2500	St	7	-	7	*	opc									
	" 1800	997.2	0	NNE	4	b	56	75	7	4000	St	1	a St	2	3		c.b.							0.3	
	" 0700	1005.6	+4	N	5	o	50	92	6	1500	St	9	-	9	5			o	bc.o	60	50	*	1		
13th	" 1300	1011.5	+3	NNW	5	c	52	75	7	2500	St Cu	7	-	7	*	o.c.								-	
	" 1800	1014.8	+4	NNE	5	b	50	75	8	-	-	0	-	0	5		c.b.								
	" 0700	1022.0	+2	NE	3	b	49	75	8	4000	St Cu	1	-	1	3			b	b	53	46	*	—	-	
14th	" 1300	1022.9	+1	SE	4	b	51	65	8	4000	Cu	1	-	1	*	b	b.o.							-	
	" 1800	1023.1	0	SSE	3	ot	51	75	8	4000	St Cu	9	-	9	3		b.o.						-		
	" 0700	1020.3	0	SE	3	ojp	53	85	7	1500	St	10	-	10	3			o.bc	c.o	53	48	*	—		
15th	" 1300	1019.9	0	SSE	4	orr	48	97	6	800	Nb	10	-	10	*	orr									
	" 1800	1018.3	-1	SSW	4	or	54	97	6	800	Nb	10	-	10	4		rr							0.5	1030
16th	" 0700	1018.8	0	SW	3	o	53	85	7	2500	St	10	-	10	3			rrop	o	53	52	*	4		
	" 1300	1018.5	0	SW	4	o	54	85	7	2500	St	10	-	10	*	o								-	
	" 1800	1017.5	-1	SW	4	o	53	92	7	1500	St	10	-	10	3		o						-		
	" 0700	1014.2	0	WSW	4	o	53	92	7	2500	St Cu	9	-	9	3			o.c.	c.o	54	51	*	—		
17th	" 1300	1015.0	0	W	3	o	53	85	7	2500	St Cu	10	-	10	*	opc.o								-	
	" 1800	1015.8	0	WNW	3	c	52	65	8	4000	St Cu	7	-	7	3		o.c.						-		
	" 0700	1016.0	0	NW	2	o	51	65	8	4000	St Cu	9	-	9	1			c.o	o	54	49	*	-		
18th	" 1300	1015.2	0	NW	3	bc	56	85	7	4000	St Cu	5	-	5	*	o.bc									1630
	" 1800	1012.7	-2	NNW	5	c	53	75	8	4000	St	3	a St	7	3		bc.c.						15	-	
	Valencia 1800	1002.3	-3	-	0	o/r	57	92	7	2500	St	5	a St	10	3		c.orr							3	
	Castlebay 0700	1004.8	-2	ENE	4	or	54	92	6	800	Nb	10	-	10	4			c.o	orr	56	50	*	-		
19th	" 1300	1004.7	0	ESE	5	b	59	85	6	4000	St Cu	1	-	1	*	rro.b									
	" 1800	1004.1	0	E	5	b	56	85	7	4000	St Cu	1	-	1	4		b							0.2	
	" 0700	1005.7	0	E	4	c	54	85	7	4000	St Cu	7	-	7	4			b.o	opc.	59	52	*	0.5		
20th	" 1300	1005.2	0	E	5	o-	56	85	7	2500	St	10	-	10	*	c.bc.o								1	
27th	Harrogate 0700	1013.9	-2	SW	5	b	57	85	8	1500	St Cu	3	-	3	*	-		c.op	o.cp		54	52	-		
29th	Blacksod Pt 0100	1004.2	-2	W	5	o	55	92	7					10	*									-	
	Spurn Hd 0100	1010.6	0	WSW	4	o	55	85	7	4000	St Cu	10	-	10	*			poorc							
30th	Blacksod Pt 0700	1002.1	-1	W	4	o	55	85	8					10	5				c	56	54		0.2		
	" " 1300	1002.8	+2	W	5	c-	59	85	9					7	*	c								-	
	" " 1800	1003.6	0	W	3	o	56	92	8					10	5		oo								
	" " 0100	1006.0	+3	NW	3	o	53	85	7					10	*			c					-		
	" " 0700	1014.9	+3	NW	3	bc	57	75	9					6	4				c	60	49		0.5		

‡ The barometric change is expressed in half millibars.

H.M.S.O. Press, Kingsway, W.C.1.