M.O FORM 2373

AIR MINISTRY.

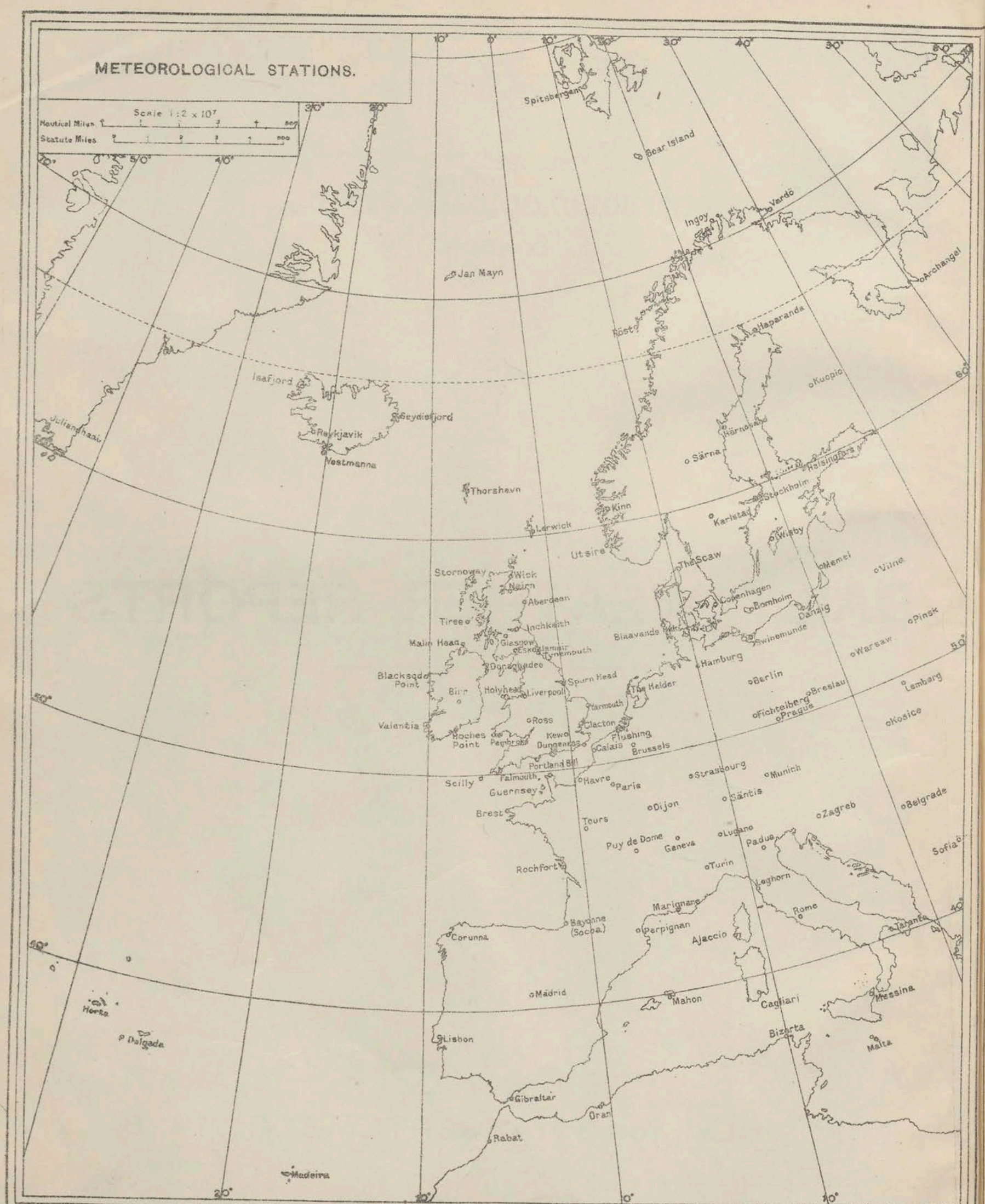
METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

1ST JULY TO 30TH SEPTEMBER, 1928.

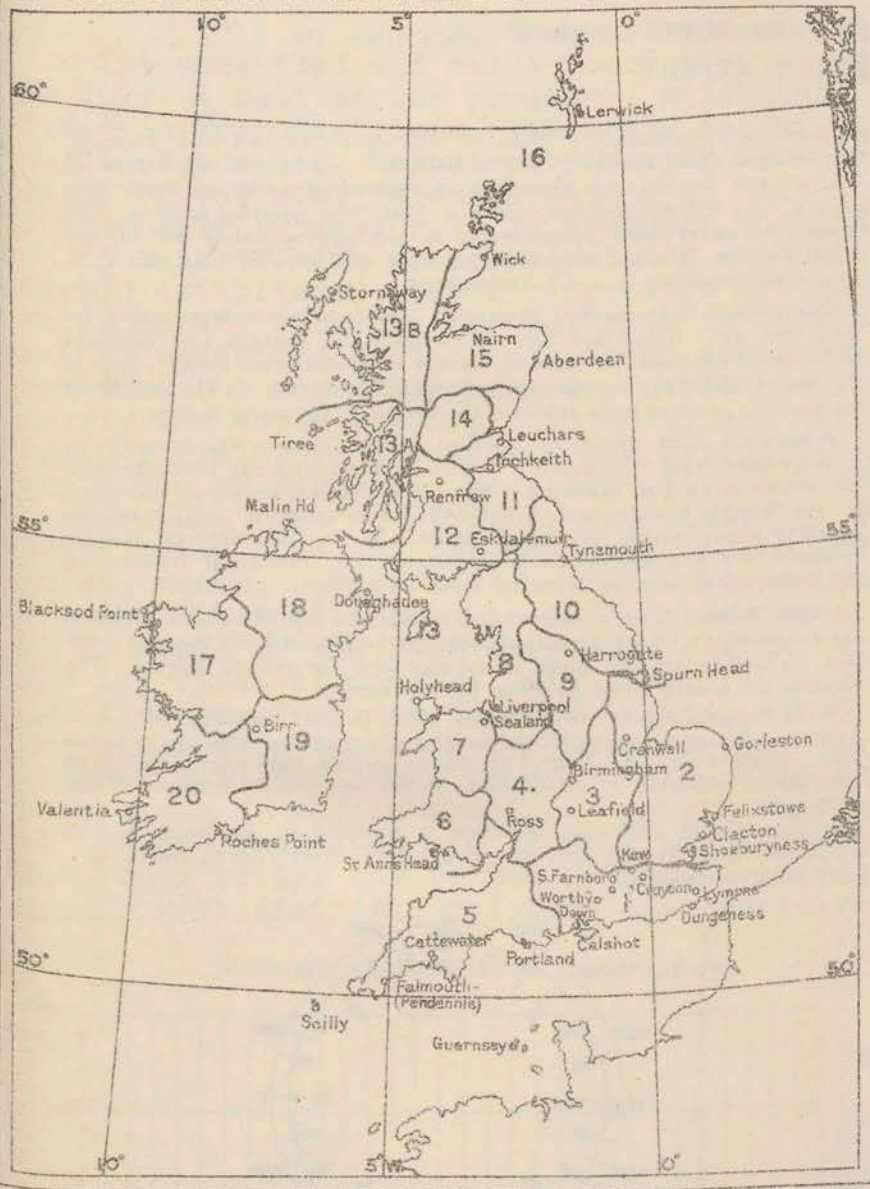
KT



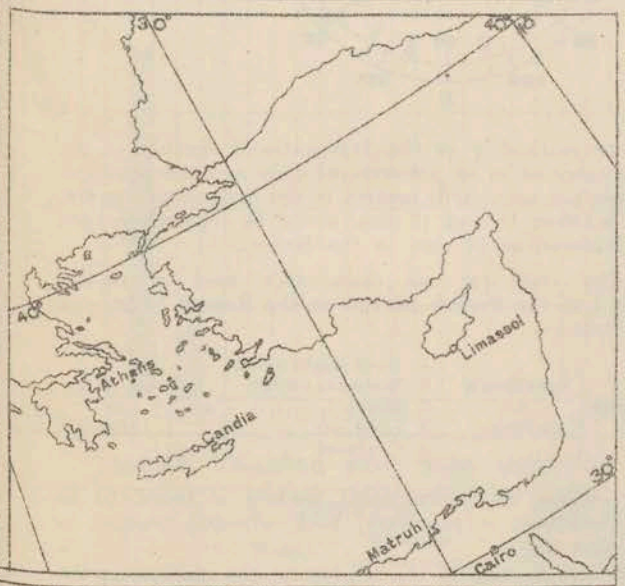
H. M. Stationery Office Press, Kingsway, W.C.2

Ps. 1146/1773. Wt. 42. D.E009. 890 11/28

FORECAST DISTRICTS AND BRITISH STATIONS.



STATIONS USED FOR UPPER AIR SUPPLEMENT.



BEAUFORT NOTATION OF WEATHER.

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

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

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

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

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

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

GALE WARNINGS.

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

The *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 VARIOUS SECTIONS OF THE DAILY WEATHER REPORT.

Stations.—*Aberdeen.* A new site was brought into use for the thermometers and rain gauge from 1st June, 1928. This site is about 170 yards north-east of the old position and gives a more open exposure, the instruments being surrounded on most sides by open fields, whereas in the old site there were buildings to the south, west and north.

S. Farnborough. The instrument enclosure was moved on June 27th to a more open site 65 yards to the north north-west of the old position. The old enclosure was somewhat sheltered by a 6 foot corrugated iron fence on one side and also by shrubs, and had become unsatisfactory, particularly for temperature readings.

The height above M.S.L. of the new raingauge site is 237 feet which is 1 foot below that of the former site. The height of the latter given as 230 feet in the Daily Weather Report from July, 1923 to September, 1928, was in error.

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

Guernsey. The observations at 7h., 13h., and 18h. are taken at Fort George, the station being situated at 295 feet above M.S.L. on the high ground to the south of St. Peter Port and outside the town. The observations at 1h. together with the sunshine readings are taken at the station of the States Meteorological Service which is situated in St. Peter Port at 173 feet above M.S.L.

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

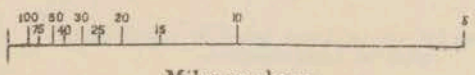
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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

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

GEOSTROPHIC WIND SCALE FOR

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



Miles per hour.

This scale applies under the following conditions:—

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

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

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

Relative Humidity.—From January 1st 1926, relative humidity at British stations has been calculated from the following hygrometric formulæ:

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

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

The use of Glaisher's tables has been discontinued.

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

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

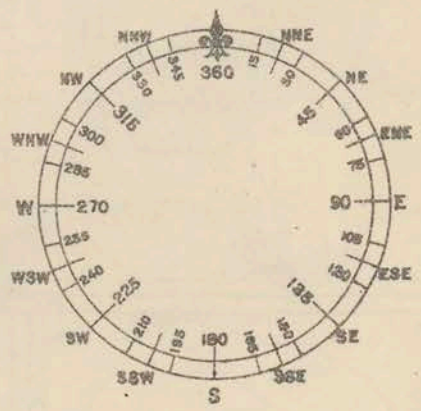
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained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

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

Upper Winds.—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 2,000 feet and 5,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

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

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



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

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

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

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

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

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

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

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

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

Notes on the Weather of SEPTEMBER, 1928

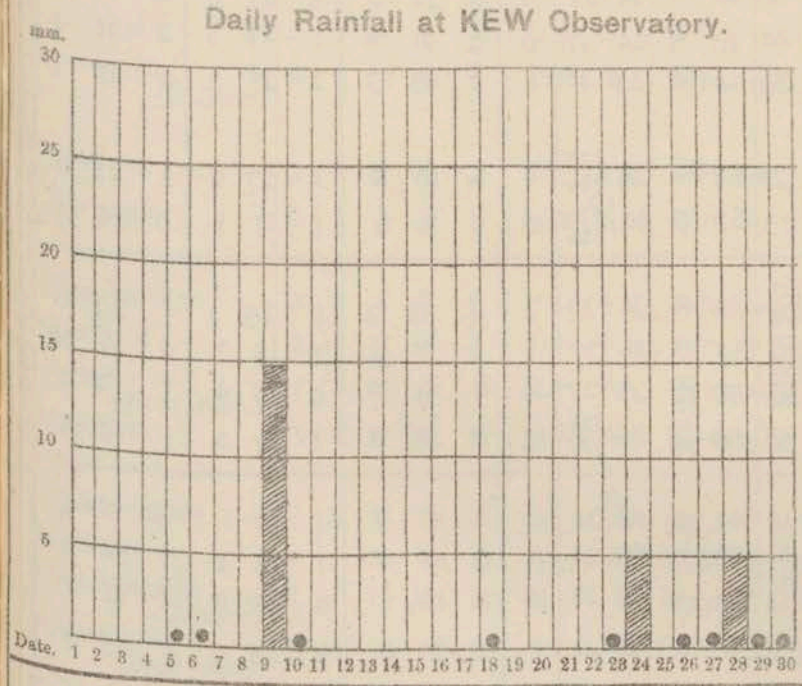
The most notable features of the weather of September were the excess of sunshine, particularly in Eastern and Southern England, the deficiency of rain in England and Eastern and Central Ireland and the marked absence of gales.

The month opened with calm, anticyclonic weather over the whole country, but secondaries to a main depression over Iceland caused rain in the North and West on the 3rd. and 4th. and later in all districts except East and Southeast England. An interval of fair weather followed while a wedge crossed the country, but a trough of low pressure westward of Ireland renewed unsettled weather in the West and North and gave high winds and local gales in the Northwest on the 7th. Meanwhile the fine weather continued unbroken in East and Southeast England with some very high temperatures, maxima of 80°F. or above being recorded locally on the 4th., 5th. and 8th., On the 9th. the fine weather in the southeastern districts was broken, several places experiencing thunderstorms with moderately heavy rain. Subsequently the high off our southwest coasts moved northeast and another period of quiet, anticyclonic weather was enjoyed over practically the whole country. These settled conditions persisted in the South and East with little change until the 19th. when the anticyclone began to move further north and temperature fell, though the weather continued fair.

In the West and North weather was not quite so settled, secondary depressions causing some rain in these districts on the 14th. and again from the 16th. - 20th.

Some scattered heavy rain occurred in Kent on the night of the 22nd. - 23rd. and a shallow depression on the North Sea moving south gave rain in most places on the 24th. Conditions improved again until the 27th. but on the 28th. a depression over France caused cold easterly winds and continuous rain in southern districts. The last day of the month was cold with northerly winds but fair weather.

The sunshine total at Kew, 200 hours, was the highest September total there since 1911 and at some stations the total reached or slightly exceeded 240 hours.

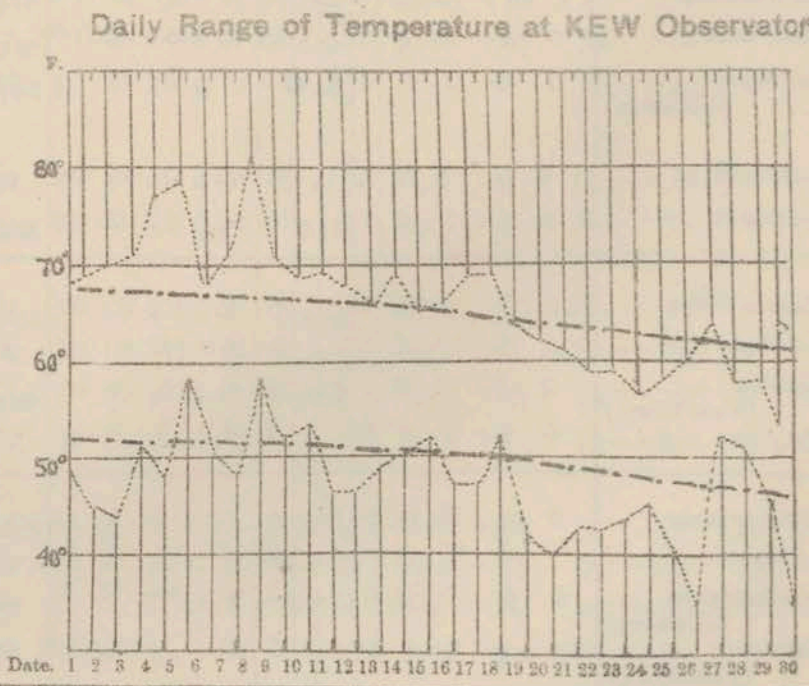


TEMPERATURE.

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 26 mm.

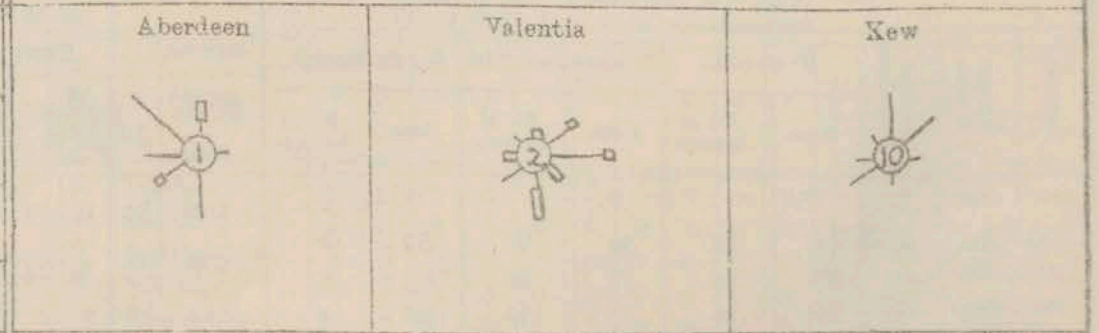


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1018·0	+3·5	52·2	−1·0
Valentia	1019·0	+2·7	56·1	−0·7
Kew	1020·7	+3·3	56·7	−0·5

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

WIND FREQUENCIES AT 7h.



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

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

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

	TEMPERATURE.																						LOW CLOUD.								
	Number of daily readings within fixed limits.											Extremes—Warmest and Coldest.									Number of observations within fixed limits.								
												Days.				Nights.					7H.			13H.			18H.		
	† Maximum.						† Minimum.																								
	42 — 50	51 — 59	60 — 68	69 — 77	78 — 86	Normal Max.	24 — 32	33 — 41	42 — 50	51 — 59	60 — 68	Normal Min.	Highest Max.	Date.	Lowest Max.	Date.	Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.
						°F.						°F.	°F.		°F.		°F.		°F.											
Stornoway ...	1	20	9	0	0	57·7	0	9	12	9	0	46·2	64	13	49	28	55	14	34	29	*	0	27	0	0	28	0	0	26	1
Aberdeen ...	1	15	14	0	0	58·5	0	9	13	8	0	46·6	67	12, 13	50	28	55	3, 8	35	29	2	4	20	0	4	25	0	5	20	0
Edinburgh ... (Inchkeith)	1	17	12	0	0	*	0	2	16	12	0	*	66	5, 8	49	23	58	3	40	29	1	9	16	0	4	25	0	6	19	1
Renfrew	2	12	15	1	0	*	5	5	13	7	0	*	69	13	50	23, 28	58	3	25	29	7	3	13	4	3	24	1	3	19	2
Eskdalemuir ...	3	17	10	0	0	*	6	12	6	6	0	*	67	13	48	28	56	4, 5	29	21	6	5	21	1	3	26	1	4	20	2
Dublin ... ... (Phœnix Park)	0	9	18	3	0	61·9	1	12	11	5	1	46·1	73	2	54	29, 30	60	4	32	27	4	*	*	*	*	*	*	*	*	*
Birr Castle ...	1	7	20	2	0	62·1	3	8	10	8	1	47·0	70	1, 2	50	29	60	4	31	30	10	11	17	0	4	26	0	5	25	0
Valentia ... ... (Cahirciveen)	0	8	21	1	0	61·8	0	1	15	12	2	51·3	70	1	54	28	60	4, 14	38	24	0	7	17	2	3	25	1	5	24	0
Tynemouth ..	1	11	16	2	0	60·7	0	1	18	10	1	47·8	74	5	49	30	60	4	41	21	0	5	25	0	3	27	0	4	26	0
Holyhead ...	0	11	19	0	0	61·0	0	0	10	19	1	51·8	68	2, 13	52	30	60	3	44	27	0	2	21	3	1	22	5	2	21	2
Liverpool ... (Bidston)	0	15	12	3	0	61·4	0	1	13	15	1	50·7	74	5	52	30	60	4	39	30	1	3	19	3	2	25	2	0	25	1
Cranwell	0	6	17	5	2	*	0	12	12	6	0	*	80	5	52	29	57	4	35	27, 30	0	6	10	6	2	27	0	1	22	0
Gorleston ...	0	6	17	6	1	62·5	0	4	8	16	2	51·5	80	4	55	29	62	6	40	20, 25	0	0	15	3	1	17	8	0	14	6
Ross-on-Wye ...	0	8	12	9	1	65·3	0	10	11	9	0	47·7	78	5	52	23, 28	59	4	34	27	2	4	18	2	1	24	1	1	22	0
Leafield	0	9	17	3	1	*	0	8	17	5	0	*	78	5	52	28, 29, 30	55	9	34	27	1	10	7	2	2	19	3	0	14	10
London ... ... (Kew Obsy.)	0	7	10	11	2	64·9	0	3	18	9	0	45·3	81	8	54	30	58	6, 15	35	27	4	7	5	0	0	20	4	1	16	1
Croydon	0	6	11	11	2	*	0	4	17	9	0	*	81	8	54	30	58	6, 3	36	26, 27	2	7	11	2	1	21	3	1	17	3
Shoeburyness ...	0	2	14	11	3	65·6	0	7	12	10	1	51·1	81	8	57	30	60	6	38	20	1	1	11	2	1	19	1	0	15	2
Lympne	0	5	15	9	1	*	0	4	18	8	0	*	78	8	55	30	58	6	40	24	3	2	10	4	1	18	2	1	10	0
Southampton ... (Calshot)	0	4	14	12	0	*	0	0	14	16	0	*	77	5	57	24, 28, 30	59	9	42	23	0	2	13	1	0	24	0	1	15	1
Falmouth ... (Pendennis)	0	8	21	1	0	*	0	0	7	22	1	*	71	3	56	29, 30	61	8	45	24	*	2	27	0	0	29	0	0	29	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	DUXFORD. Mean.	DUXFORD. No. of Reports.	S. FARNBOROUGH. Mean.	S. FARNBOROUGH. No. of Reports.	ALDERGROVE. Mean.	ALDERGROVE. No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1850	50	49	14	51	6	53	2
850	4870	44	37	14	37	6	45	2
750	8210	36	30	14	33	6	35	2
650	11,950	24	19	14	25	2	29	2
550	16,200	11	–	–	13	1	–	–

UPPER WINDS.

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

STATION.	RENFREW.						CATTEWATER.						LYMPNE.					
Height. Feet.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.
2,000	56	16	29	9	2	–	56	10	40	6	–	–	89	12	67	9	1	–
5,000	39	6	23	9	1	–	32	8	20	4	–	–	46	14	26	6	–	–
10,000	23	5	11	7	–	–	9	4	4	1	–	–	12	4	6	2	–	–
15,000	11	3	2	5	1	–	3	1	2	–	–	–	2	1	1	–	–	–

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

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

RAINFALL, HUMIDITY AND LOW CLOUD, ...SEPTEMBER..., 1928.

	SUNSHINE.											RAINFALL.													
	Number of Days with duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Number of days with amount.‡						Maximum fall in 24 hrs.		Total for past 12 months.	Difference from Average.	Total for Month ‡	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
	Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Hours.	Date.					0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	mm.	Date.						
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	4	8	7	7	3	10·7	21	1264	+5	124	+9	7	11	6	6	0	0	11	27	1252	−14	77	−23	0	0
Aberdeen ...	4	6	6	10	4	11·1	1	1216	−171	147	+23	11	6	8	5	0	0	12	5	821	+73	68	+12	0	0
§Edinburgh ... (Inchkeith)	1	8	7	7	7	10·2	21	*	*	164	*	15	7	4	4	0	0	10	8	619	+65	52	+9	0	0
§Renfrew	7	2	6	12	3	10·4	28, 30	1175	*	152	*	16	4	3	7	0	0	12	4	1160	+235	73	+6	0	0
§Eskdalemuir ...	4	9	8	6	3	10·2	30	1154	*	129	*	14	4	5	6	1	0	23	3	1971	+542	111	+17	0	0
Dublin ... ... (Phœnix Park)	1	9	8	6	6	10·8	9	1511	+4	149	+10	19	5	5	1	0	0	7	5	764	+59	21	−28	0	*
Birr Castle ...	6	6	2	14	2	10·3	1	1432	+89	147	+21	19	3	4	4	0	0	6	14	861	+32	39	−19	0	0
Valentia ... ... (Cahirciveen)	4	8	7	5	6	11·5	1	1459	+14	141	+8	13	4	5	6	0	2	28	7	1571	+157	119	+14	0	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	14	8	7	1	0	0	7	10	736	+115	29	−17	0	0
Holyhead ...	3	7	6	8	6	11·0	15	1575	*	166	*	19	4	3	4	0	0	9	3	923	+35	38	−30	1	0
§Liverpool ... (Bidston)	4	4	7	11	4	10·5	2	1454	−2	157	+29	18	5	5	2	0	0	8	5, 8	708	−1	31	−30	0	0
§Cranwell	2	4	9	8	7	11·4	2	1559	*	183	*	22	4	4	0	0	0	3	9, 29	584	−6	13	−32	0	0
Gorleston ...	2	2	6	9	11	12·2	1, 4	1705	*	222	*	22	2	3	3	0	0	11	9	620	−2	36	−14	0	0
Ross-on-Wye ...	3	6	8	9	4	11·8	4	1472	*	166	*	22	5	1	2	0	0	9	24	679	−39	24	−27	0	0
§Leafield	2	4	7	9	8	11·9	4	1551	*	191	*	24	3	1	2	0	0	8	9	682	−12	20	−31	0	0
London ... ... (Kew Obsy.)	1	3	5	15	6	12·4	4	1577	+102	200	+55	26	1	0	3	0	0	15	9	635	+29	26	−22	1	0
§Croydon	3	2	5	12	8	12·3	4	1646	*	205	*	25	2	1	2	0	0	8	9	711	+32	19	−31	0	0
Shoeburyness ...	1	3	4	7	15	12·2	2, 14	1822	*	237	*	25	3	2	0	0	0	3	24, 28	534	+54	8	−32	0	0
§Lympne	1	1	6	8	14	12·3	4	1908	*	244	*	23	6	0	1	0	0	5	28	672	−52	8	−50	0	0
§Southampton ... (Calshot)	3	1	1	12	13	12·2	1	1825	*	240	*	26	1	1	2	0	0	15	28	662	+16	30	−24	0	0
Falmouth ... Observatory	*	*	*	*	*	11·3	2	1738	−21	197	+34	23	2	0	4	1	0	17	27	1057	−50	49	−25	0	0

MINIMUM SURFACE HUMIDITY.

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

Station.	95–100 %.	90–94 %.	80–89 %.	70–79 %.	60–69 %.	50–59 %.	40–49 %.	30–39 %.	20–29 %.
Aberdeen ...	0	1	2	6	11	8	2	0	0
Renfrew... ...	0	1	2	1	12	11	3	0	0
Eskdalemuir ...	0	2	2	3	11	8	4	0	0
Valentia... ...	0	1	3	8	10	8	0	0	0
Ross on Wye ...	0	0	3	3	7	6	9	2	0
London ... ... (Kew Obsy.)...	0	0	1	2	3	11	10	3	0
Falmouth ...	*	*	*	*	*	*	*	*	*

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 ...	3	27	0	0	0	0	0	0	0	0
Renfrew... ...	8	11	11	0	0	0	0	0	0	0
Eskdalemuir ...	0	18	12	0	0	0	0	0	0	0
Valentia... ...	16	8	2	0	0	4	0	0	0	0
Ross on Wye ...	24	4	0	0	0	2	0	0	0	0
London ... ... (Kew Obsy.)...	22	7	0	0	0	1	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=Sleeting to-day in 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer.
9=Glazed roads (ice on roads from frozen rain or melted snow).

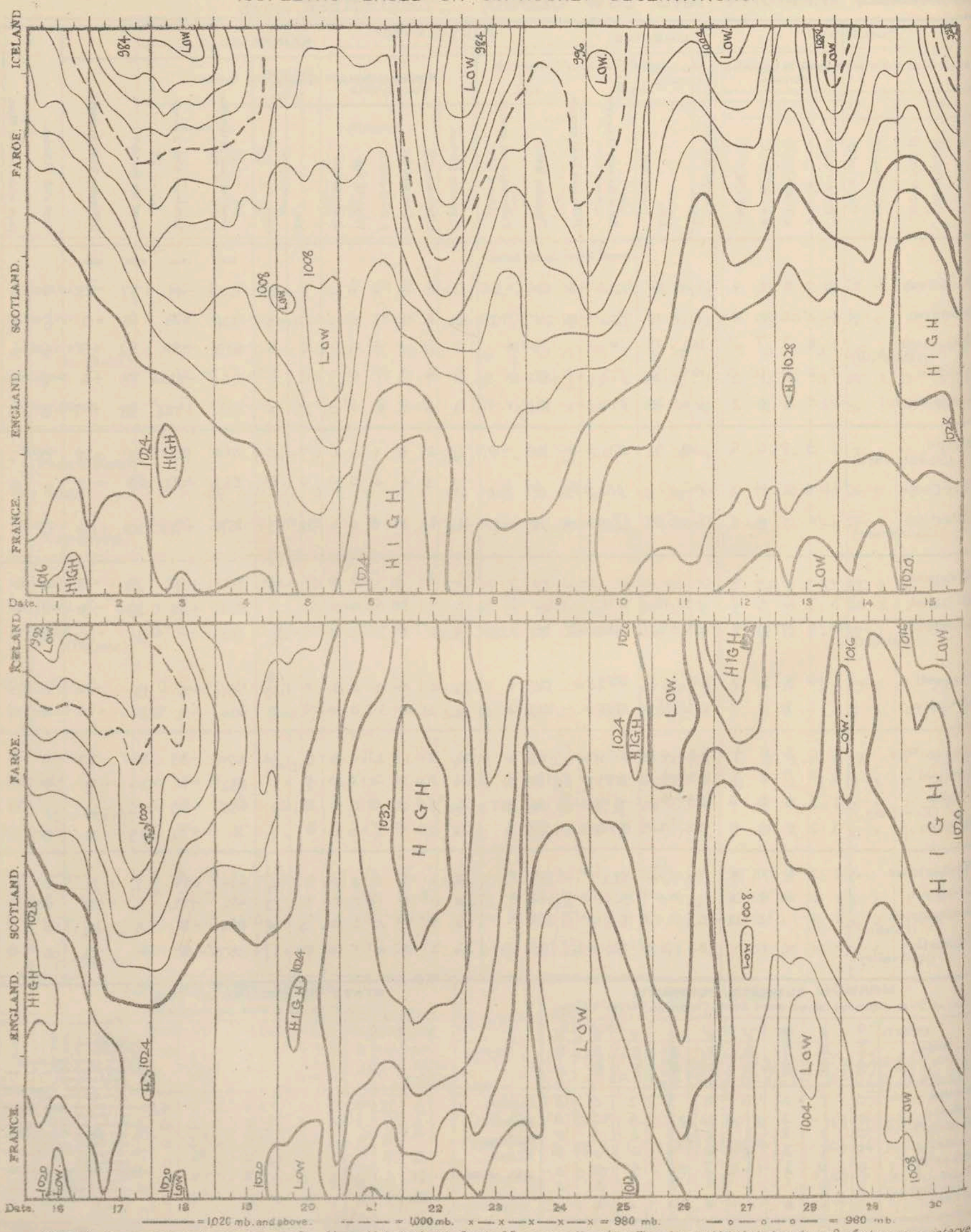
§ The average sunshine for Liverpool and the average rainfall for the other stations marked § have been computed from the records available for these several stations by reference to the nearest stations with long records.

‡ Based in part on reports made by telegraph in which the day & night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0·1 mm.

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

PRESSURE: ICELAND TO GULF OF LIONS ..... SEPTEMBER, 1928.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



NOTE:-The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 18h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 46° N. Long., 18° W. in the north, at Lat. 44½° N., Long. 4° E. in the south.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24390 Saturday, 1st September 1928.

Observations at 13h. G.M.T. 31st Aug.

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	1022.3	0	SW	1	bc	55	65	8	1500	Cu	3	Ci St	5	•
Stornoway	1021.8	0	-	0	bc R	55	85	8	4000	Cu Nb	7	-	7	•
Wick	1023.2	0	S	2	bc	55	85	8	2500	St Cu	4	Ci St	6	•
Tiree	1022.4	0	ESE	1	c jp	54	85	8	1500	Cu Nb	7	A Cu	8	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1023.3	-2	SE	4	bc-	55	85	7	1500	Cu	5	A Cu	6	1
Malin Head	1021.4	0	NW	2	bc	58	75	8	4000	Cu	2	A Cu	3	•
Renfrew	1022.7	-1	ESE	1	cr°	57	75	6	5700	St Cu	9	-	9	2
Edinburgh (Inchkeith)	1023.0	-1	SE	2	c	56	75	8	1500	Cu	5	A Cu	9	•
Leuchars	1022.3	-2	NW	1	c+	59	65	8	4000	Cu Nb	8	A Cu	9	2
Eskdalemuir	1022.7	0	SSW	3	c	55	75	7	2500	St Cu	10	-	10	2
Tynemouth	1023.4	-1	SE	3	bc-	58	85	8	1500	Cu	5	Ci	6	•
Blacksod Point	1021.0	+1	-	0	bcv	60	65	9	•	Cu	5	-	5	•
Donaghadee	1021.5	0	SE	3	bc pr°	56	85	8	2500	Cu Nb	5	A Cu	7	•
Birr Castle	1019.8	•	W	2	c	64	65	8	1500	Cu	8	-	8	•
Holyhead	1022.4	0	S'W	3	cr°	60	75	9	7200	St	7	A St	9	5
Liverpool (Bidston)	1023.0	-1	SE	1	c-	60	75	6	5700	St Cu	4	A St	9	•
Chester (Sealand)	1022.7	-1	SSE	2	c	61	75	5	1500	St Cu	1	A St	10	1
Harrogate	1024.0	-1	SSE	2	c	58	75	6	2500	St	9	-	9	•
Spurn Head	1024.7	0	ESE	3	c	58	75	7	4000	Cu	2	A St	10	•
Birmingham (Edgbaston)	1023.5	-1	SE	3	c	62	65	7	4000	Cu	7	Ci	8	1
Cranwell	1024.9	-1	SE'E	2	c-	63	75	8	2500	Cu	4	Ci St	9	1
Gorleston	1024.9	+1	E'S	1	c	62	85	6	4000	Cu	5	Ci Cu	9	•
Valentia (Cahirciveen)	1021.9	0	NW'W	2	bv	62	65	9	2500	Cu	1	Ci Cu	2	0
Roches Point	1022.1	0	SW	2	c	61	85	8	2500	St Cu	9	-	9	•
Pembroke (St. Ann's H.)	1022.6	-1	S	3	c	61	85	8	1500	St Cu	10	-	10	•
Ross-on-Wye	1022.6	-1	W	1	c	63	65	8	4000	Cu	4	A Cu	9	0
Leafield	1022.9	-1	NE	2	c	61	75	7	2500	Cu Nb	8	-	8	0
Winchester (Worthy Dn.)	1022.8	-2	SSE	1	c	65	65	7	2500	Cu	7	A St	10	0
S. Farnborough	1023.0	-1	-	0	c	65	65	7	1500	St Cu	8	A St	10	0
London (Kew Obsy.)	1023.5	-2	S	1	c	66	65	7	4000	Cu	5	A Cu	9	0
Croydon	1023.4	-2	SE	2	c	66	65	7	4000	Cu	6	Ci St	9	0
Shoeburyness	1024.7	0	E'S	3	c	63	85	8	-	-	0	A Cu	8	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1024.8	-1	E	2	c	62	65	8	2500	Cu	2	A Cu	9	0
Lympne	1023.9	-1	E'S	3	c	65	65	7	4000	Cu Nb	3	Ci St	9	0
Scilly (St. Mary's)	1022.2	+1	SE	2	c	62	75	8	4000	St Cu	8	-	8	•
Falmouth (Pendennis)	1023.4	-1	SE'E	2	c	61	92	8	4000	St Cu	7	A St	10	•
Plymouth (Cattewater)	1024	-1	SSW	2	c ⊕	63	75	8	4000	Cu	1	Ci St	9	0
Portland Bill	1023.1	0	-	0	c	64	65	8	2500	Cu	2	A St	9	•
Southampton (Calshot)	1023.4	-1	E	1	c	65	75	8	4000	Cu	5	Ci	9	0
Dungeness	1024.2	-1	E	2	c	63	55	8	2500	Cu	4	Ci Cu	10	•
Guernsey (Fort George)	1023.1	-2	SSE	2	cv	62	85	9	4000	St Cu	4	A St	9	•

Observations at 18h. G.M.T. 31st Aug.

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	State of ground.
Lerwick	1022.4	-2	SW	1	bc	53	75	8	1500	Cu	2	Ci St	3	•
Stornoway	1021.4	-1	-	0	c+	55	85	8	4000	Cu Nb	8	-	8	0
Wick	1021.8	0	S	1	bc	53	97	8	2500	St Cu	6	-	6	0
Tiree	1021.9	0	-	0	bv-	57	75	9	-	-	0	-	0	0
Nairn	1021.1	•	E	2	bc	56	75	8	2500	Cu Nb	3	A Cu	6	•
Aberdeen	1022.5	-1	SSE	3	bc	55	85	6	1500	St	5	A Cu	6	0
Malin Head	1021.5	0	E	2	b	56	85	8	5700	Cu	<1	A Cu	1	0
Renfrew	1022.0	-1	ENE	1	mc+	55	85	4	4000	St Cu	10	~	10	•
Edinburgh (Inchkeith)	1022.2	-2	SSW	2	c/m	53	85	76	1500	St	5	A St	10	0
Leuchars	1022.1	-1	SSW	2	c/r	54	85	7	5700	St Cu	4	A St	9	•
Eskdalemuir	1022.0	-1	SW'W	2	c	54	75	7	2500	Cu	7	A Cu	8	•
Tynemouth	1023.0	0	S	1	or r°	55	92	6	1500	Nb	10	-	10	0
Blacksod Point	1021.7	+1	N	1	bcv	58	75	9	•	Cu	3	-	3	1
Donaghadee	1021.2	-1	-	0	c-	57	85	8	2500	St Cu	8	-	8	0
Birr Castle	1019.7	•	NNW	2	c	62	75	8	1500	Cu	8	-	8	•
Holyhead	1021.6	0	S'W	2	c jp	58	85	8	1500	St Cu	8	-	8	0
Liverpool (Bidston)	1022.0	-1	WNW	2	c+	59	75	8	2500	St Cu	3	A Cu	8	•
Chester (Sealand)	1021.4	-1	NW'W	2	c	61	75	7	4000	St Cu	7	A Cu	9	•
Harrogate	1022.6	-1	SSE	2	c	57	75	6	2500	St	5	A Cu	9	•
Spurn Head	1023.6	-1	E'S	4	c	56	85	8	5700	St Cu	5	Ci St	9	1
Birmingham (Edgbaston)	1022.5	-1	NNW	2	c+	58	65	6	4000	Nb	4	A St	10	•
Cranwell	1023.7	0	E'S	2	c	57	85	8	-	-	0	A St	10	•
Gorleston	1024.1	-1	SE	2	c	59	65	6	4000	Cu	5	Ci Cu	10	0
Valentia (Cahirciveen)	1021.3	-1	NW'W	2	bv	61	65	9	4000	St Cu	1	A Cu	2	0
Roches Point	1021.6	0	SW	2	bcv	61	85	9	2500	St Cu	4	Ci Cu	5	•
Pembroke (St. Ann's H.)	1021.6	-2	SW	1	cv	60	85	9	1500	St Cu	6	A Cu	8	1
Ross-on-Wye	1021.7	0	W'S	2	c	61	75	7	4000	St Cu	5	A St	10	•
Leafield	1021.6	-2	NW	1	c	60	75	8	5700	St	5	Ci St	8	•
Winchester (Worthy Dn.)	1022.0	-1	S'E	1	c	61	75	8	5700	St Cu	6	A St	9	•
S. Farnborough	1022.2	0	-	0	c	60	85	6	5700	St Cu	4	A St	10	•
London (Kew Obsy.)	1022.8	0	E	3	c/r	57	92	5	4000	Nb	4	A St	9	•
Croydon	1022.6	0	E'N	2	c	58	92	5	4000	St Cu	6	A St	10	•
Shoeburyness	1024.2	0	SE	2	c	60	85	8	4000	St Cu	10	-	10	•
Clacton-on-Sea	1023.5	-1	ESE	3	c	61	75	7	4000	St Cu	8	-	8	2
Felixstowe	1023.5	-1	E'S	2	c	60	75	8	4000	St Cu	8	A St	10	0
Lympne	1023.0	-1	ENE	2	c	59	85	7	7200	St Cu	9	A St	10	•
Scilly (St. Mary's)	1021.6	0	E'N	1	cv	60	85	9	4000	St Cu	10	-	10	1
Falmouth (Pendennis)	1022.3	-1	ESE	1	cr°	59	92	8	4000	St Cu	8	A St	10	0
Plymouth (Cattewater)	1022.2	-1	SSW	2	c	59	85	8	4000	Cu	1	A St	9	0
Portland Bill	1021.9	-1	S	1	c	61	65	8	2500	St Cu	4	A Cu	9	0
Southampton (Calshot)	1022.0	-1	WSW	1	c+	62	65	8	6700	St Cu	4	A Cu	10	0
Dungeness	1023.0	-2	E	2	c	62	75	8	4000	St Cu	10	-	10	2
Guernsey (Fort George)	1022.0	0	ENE	3	cv	59	85	9	2500	St Cu	7	A St	10	1

LONDON OBSERVATIONS.

Day 7h.-13h., Kew & Croydon. 9h.-18h., Kensington. 9h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity. 13h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility.§ (To-day)
Kew	18	c mo C	c R C	c b c m f	67	49	43	7	Tr.	0.8	*	*	5
Croydon	244	c m 3 o	c 3 f o m o	c p r b c w	66	46	39	0.1	Tr.	1.4	*	*	7
Greenwich (Royal Obsy.)	149	c m c	c p r	c r c b m	67	48	36	3	Tr.	0.8	83	76	6
City (Bunhill Row)	50	*	*	*	*	*	*	*	*	0.3	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	65	54	51	4		0.3	69	67	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.6	*	*	*
Camden Square	110	c	c o r	*	65	50	*	2	1	*	*	88	*
Kensington Palace	80	o	o	*	66	51	44	4	0.5	*	(At 18h.) 94	67	*
Hampstead Observatory	450	*	*	*	62	50	43	2	Tr.	0.8	*	78	*

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.2	8h 31st	<0.3	16h 31st

Kew Observatory Max.	Time.	Min.	Time.
0.3	7h 1st	<0.1	12h 31st

POLE STAR RECORD at Greenwich Obsy.

Exposure from 31st 20h 00m. to 1st 04h 00m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·0	2·55	36
δ Ursæ Minoris	8·0	2·38	33

CODE FOR STATE OF GROUND.

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

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

1st & 2nd Sept., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·5	11·58	18·40
	5·6	11·53	18·38
Greenwich	5·13	12·0	18·45
	5·15	12·0	18·43
Wick	5·12	12·12	19·11
	5·14	12·12	19·8
Valentia	5·54	12·41	19·27
	5·55	12·41	19·25

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

SEA DISTURBANCE.

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

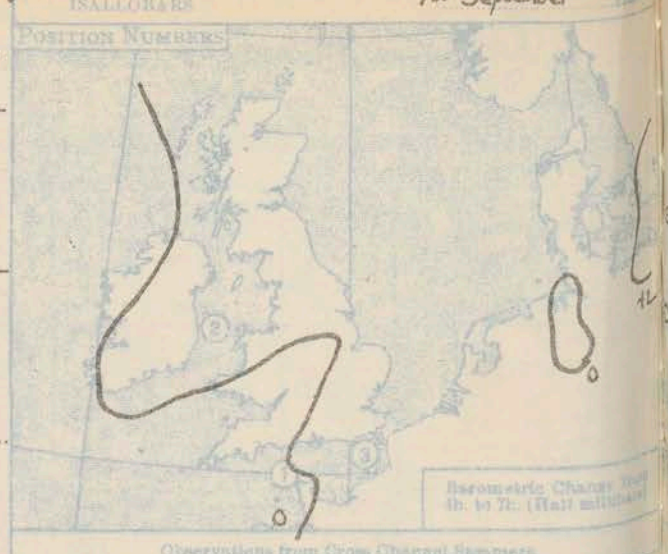
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 31st.	Weather. 18h.-18h. 31st	Weather. 18h. 31st to 1h. 1st	Weather. 1h.-7h. 1st	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 31st. Hours.
Lerwick	bc	bc	bc	cirobc	56	47	•	–	–	2	2·30	12·8
Stornoway	r-d	c	b-bc	c	59	37	•	2	–	–	–	5·6
Wick	b-bc	b-bc	b-bc	b-bc	57	38	•	–	–	–	–	•
Tiree	bcc	bcb	b	bcco	58	41	(38)	24	–	–	–	8·9
Nairn	bc	bc	bcx	bc	60	38	•	–	–			6·1
Aberdeen	cmcbc	c	bcbwmo	bwmo	57	39	37	–	–	Tr.	<21·00	3·9
Malin Head	bcy	bcb	b.bcw	bcc	60	45	•	–	–	–	–	11·4
Renfrew	cff dro	cr.r.c	ororom	offe	58	46	41	0·3	12·30	1	<21·00	0·3
Edinburgh (Inchkeith)	cpr	r r.r.	mm.c	bechcwm.	57	43	40	1	18·00	Tr.	–	1·4
Leuchars	c	cir.	cmow	cmow	61	42	36	0·1	15·30	–	–	2·2
Eskdalemuir	c	cprembcc	ccmo	cmobcw	56	38	35	0.2	13.30	–	–	0·3
Tynemouth	cbc	bcor.r.	oir.ff	offc	58	48	42	1	14.30	0·4	<21·00	•
Blacksod Point ...	bc	bcb	b	b	62	47	•	–	•	–	–	•
Donaghadee	bcPR	PRc	bcc	cifcw	58	47	•	5	11·00	–	–	•
Birr Castle	c	c	c	bcmo	65	40	34	–	–	–	–	4·4
Holyhead	cv	r. c	cbcw	bwmobbc	61	50	47	Tr.	12.30	Tr.	–	0·1
Liverpool (Bidston) ...	mcmo	cbbc	ccmow	cwmob	62	51	44	–	–	–	–	0·4
Chester (Sealand) ...	om.c	c3.c	cbcmo	cbbFF	64	43	43	–	–	–	–	0·1
Harrogate	c	c	c	cffe	58	46	41	–	–	–	–	0·5
Spurn Head	c	c	cbc	bc	59	55	•	–	–	–	–	0·0
Birmingham (Fdghaston)	cbc	cbcct	c	eof	65	51	48	–	–	–	–	3·4
Cranwell	c	c	c	cm	63	45	40	–	–	–	–	0·4
Gorleston	c	c	cbcb	b	62	57	53	–	–	–	–	2·2
Valentia (Cahirciveen)	cbcbv	bvbcb	bv	bw	63	46	37	–	–	Tr.	<21·00	0·7
Roches Point bcvbw	c	cp.bcv	~~bcb~~	bwffoe	63	50	•	Tr.	14.30	Tr.	–	•
Pembroke (St. Ann's H.)	c	cbc	bcb	bcciF	62	49	•	–	–	–	–	1·5
Ross-on-Wye	cmbcc	cbcyc	cwbmw	bmcof	58	43	38	–	–	–	–	3·7
Leafield	c	bcc	c	cF	64	47	47	Tr.	–	Tr	–	2·3
Winchester (Worthy Dn.)	cbcc	c	cbcb	bffw	67	43	35	–	–	–	–	2·7
S. Farnborough ...	cwbcmc	cp.cm.	clbc	bcmoof	66	42	32	Tr.	13.30	Tr.	–	3·1
London (Kew Obsy.) ...	cm.c	cRc	cbc	bcwf	67	49	43	7	14.30	Tr.	–	0·8
Croydon	cm3.	c3.r.m.	cpr.bcw	bcbmomw	66	46	39	0.1	13.30	Tr.	<21·00	1·4
Shoeburyness	c	cr.o	odod.	oc	64	56	52	0·2	15·30	0·3	<21·00	1·8
Clacton-on-Sea ...	bcmc	c	c	cbc	63	59	57	–	–	–	–	4·4
Felixstowe	c	c	c	cbc	64	58	53	–	–	–	–	3·8
Lympne	c	c	c	cbmo	66	50	41	–	–	–	–	2·6
Scilly (St. Mary's) ...	c	c	cbcb	bbc	64	(55)	•	–	–	–	–	0·8
Falmouth (Pendennis)	cbcc	cr.	cr.bcb	bbc	62	52	•	Tr.	17·30	Tr.	<21·00	2·1
Plymouth (Cattewater)	c	c	cbmo	bwmo	64	49	37	–	–	Tr.	–	1·7
Portland Bill	c	c	cbc	b3.	66	55	•	–	–	–	–	•
Southampton (Calshot)	cmc	c	cbcbw	bwmo	69	50	43	–	–	Tr.	–	2·9
Dungeness	c	c	cbc	bc	65	57	•	–	–	–	–	•
Guernsey	cv	cv	cbcv	bc3.w	64	59	•	–	–	Tr.	–	

1st. September



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direct.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Barometer
2	31st 10h	Cambria	SW	3	c	57	55	8
1	31st 12h	St. Helier	–	0	c+	62	61	8
3	1st 1h	Dieppe	N	1	bc–	63	62	8

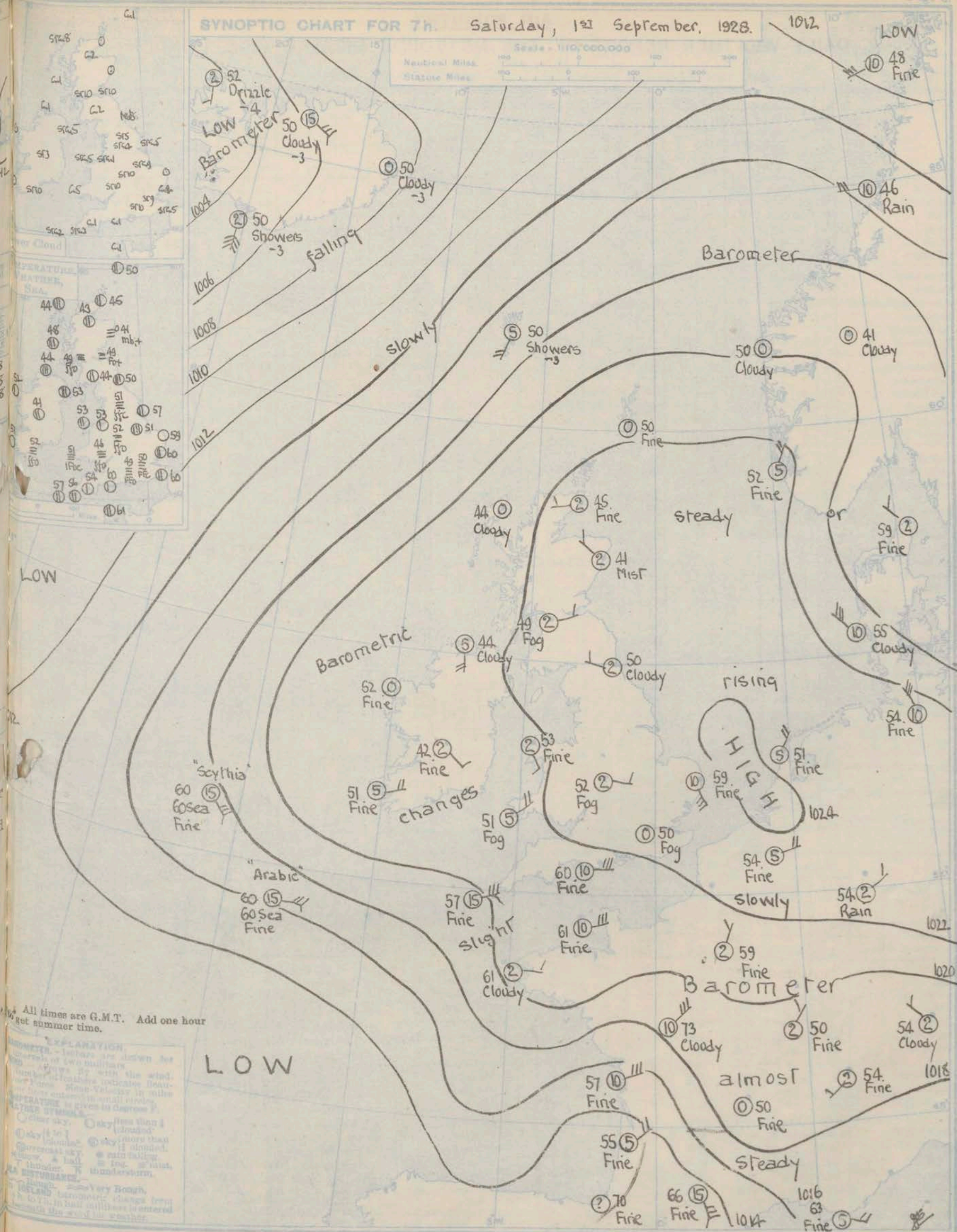
GENERAL INFERENCE.

An anticyclone centred over the southern part of the North Sea remains practically stationary. Considerable bright intervals will occur in all districts but there will be some mist or fog at night and in morning. Day temperatures will be rather high and ground frost will occur locally at night.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 1st. September, 1928.	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	Light variable or easterly winds; considerable bright intervals; local mist or fog, night and morning; rather warm by day, cool at night with slight ground frost locally.	Probably little change in the Southeast; rather less settled in the Northwest and West.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds, mainly between east and south; considerable bright intervals; local mist or fog, night and morning; rather warm by day, cool at night with slight ground frost locally.	
13A. N.W. Scotland 13B. N.W. Scotland	Variable to southwesterly winds, light to fresh, fine at first, less settled later; local mist or fog at night and in morning; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland	As 8 - 12.	
16. Orkneys and Shetlands 17. N.W. Ireland	As 13A and 13B.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 8 - 12.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 20 G.M.T. G. C. Simpson, F.R.S., Director.

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


SYNOPTIC CHART FOR 7h. Saturday, 1st September, 1928.
Scale = 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
falling
slowly
Barometer
steady
or
Barometric
changes
rising
HIGH
1024
slowly
slight
Barometer
almost
steady
LOW
1012
1004
1006
1008
1010
1012
1022
1020
1018
1016
1014
"Scythia"
"Arabic"
All times are G.M.T. Add one hour for summer time.
EXPLANATION

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Saturday, 1st September 1928. No. 245

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 1st Sept. Barom. at M.S.L. mb.	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	84	1021·4	0	–	0	bc	50	85	8	1500	Cu	3	CiSt	4	•
Stornoway	80	1022·3	0	–	0	b	•	•	8	•	•	•	•	0	0
Wick	81	1022·3	0	–	0	bc	40	97	8	–	–	0	CiSt	3	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Malin Head	81	1022·0	0	S	1	bc⊙	48	97	8	–	–	0	CiSt	3	0
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	199	1021·6	-1	N	2	bc-	52	92	6	–	–	0	ACu	3	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1022·9	0	S	1	ff0	51	97	3	1500	St	10	–	10	1
Blacksod Point ...	18	1021·4	0	–	0	b	51	85	8	•	Cu	2	–	2	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1021·4	0	SSW	1	b-	55	97	6	2500	Cu	2	–	2	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1022·9	0	S'E	3	bc-	56	92	7	4000	Cu	4	–	4	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1023·5	0	SE'E	1	bc	50	97	6	–	–	0	ACu	4	•
Gorleston	14	1023·7	0	ESE	2	b-	58	75	7	5700	Cu	2	–	2	0
Valentia (Cahirciveen)P	30	1020·8	0	SE	1	b	53	92	8	–	–	0	–	0	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Pembroke (St. Ann's H.)	160	1021·6	0	–	0	b-	55	97	8	2500	Cu	2	–	2	0
Rose-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	55	•	•	•	•	•	•	•	•
Croydon	244	1022·7	-1	–	0	bc-	51	97	6	–	–	0	Ci	3	•
Shoeburyness	21	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1
Lympne	350	1023·0	0	E	3	c-	56	85	7	7200	StCu	6	CiSt	8	•
Scilly (St. Mary's) ...	163	1021·5	0	E'N	3	b	55	92	8	–	–	0	–	0	1
Falmouth (Pendennis)	200	1021·5	0	–	0	b	55	97	8	4000	StCu	2	–	2	
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	
Portland Bill	32	1021·3	0	NNE	1	b-	59	75	8	–	–	0	–	0	
Southampton (Calshot)	10	1021·8	-1	NE'E	1	b-	57	92	7	–	–	0	ACu	1	0
Dungeness	30	1023·0	-1	SE	2	bc-	60	85	8	–	–	0	CiSt	5	1
Guernsey (Fort George) P	295														

Stations	Observations at 7h. G.M.T. 1st Sept. Barom. at M.S.L. mb.	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	1021·1	0	–	0	bc	50	92	8	1500	Cu	1	aCu	3	•
Stornoway	1021·2	0	–	0	cm	44	97	4	4000	StCu	8	–	8	0
Wick	1022·7	0	WSW	1	bc	45	92	8	–	–	0	CiSt	4	0
Tiree	1021·8	0	–	0	c	48	97	9	2500	Cu	1	aSt	10	0
Nairn	1022·2	•	–	0	bc-	43	85	8	2500	Cu	2	CiCu	5	•
Aberdeen	1022·6	+1	NW	1	mb+	41	97	4	–	–	0	aCu	1	0
Malin Head	1021·9	0	S	2	c+	47	92	8	4000	Cu	1	CiCu	8	0
Renfrew	1022·6	0	ENE	1	ff0	49	97	2	4150	St	10	–	10	•
Edinburgh (Inchkeith)	1022·0	+1	W	2	F0+	49	97	1	4150	St	10	–	10	0
Leuchars	1022·2	0	WSW	1	bc-	49	97	6	–	–	0	aCu	4	•
Eskdalemuir	1022·6	0	–	0	bc	44	92	7	4000	Cu	2	Ci	3	•
Tynemouth	1022·5	+1	WNW	1	c	50	92	5	1500	Nb	8	–	8	1
Blacksod Point ...	1021·1	-1	–	0	b	52	92	9	–	–	0	Ci	2	0
Donaghadee	1022·0	+1	–	0	c-	53	92	7	4000	StCu	5	aSt	8	0
Birr Castle	1021·1	•	SE	1	bc-	42	97	5	1500	St	3	CiCu	4	•
Holyhead	1021·5	+1	SSE	1	bc	53	92	8	7200	StCu	5	aCu	6	0
Liverpool (Bidston) ...	1022·3	0	NW	1	b-	53	92	5	5700	StCu	1	CiSt	2	•
Chester (Sealand) ...	1021·8	0	S'E	1	FFb	46	97	1	–	–	0	Ci	1	•
Harrogate	1023·0	0	–	0	ff c	51	97	3	4150	St	9	–	9	•
Spurn Head	1023·1	0	S'E	3	bc+	57	85	8	5700	StCu	5	aCu	7	1
Birmingham (Edgbaston)	1022·9	0	ESE	1	ff0	52	97	3	4150	St	10	–	10	•
Cranwell	1023·4	0	SSE	1	c|f	51	97	6	2500	StCu	9	–	9	•
Gorleston	1022·6	0	SE	3	b	59	65	6	–	–	0	–	0	0
Valentia (Cahirciveen)P	1020·8	0	E'N	2	b	51	92	8	–	–	0	–	0	0
Roches Point	1021·9	+1	N	2	ff0	52	97	3	220	St	10	–	10	0
Pembroke (St. Ann's H.)	1021·1	0	NE	2	iFbc	51	97	1	1500	Cu	5	–	5	0
Rose-on-Wye	1022·1	0	W	1	ff0	46	97	2	220	St	10	–	10	•
Leafield	1022·3	+1	SE'E	2	FF0	50	97	1	4150	St	10	–	10	•
Winchester (Worthy Dn.)	1022·2	0	–	0	fb-	48	97	4	800	St	1	–	1	•
S. Farnborough ...	1022·3	0	–	0	FF0	49	97	1	4150	St	10	–	10	•
London (Kew Obsy.) ...	1022·8	+1	–	0	FFc	50	97	1	4150	St	9	–	9	•
Croydon	1022·8	0	SE'S	1	mmb	50	97	4	2500	Cu	1	–	1	•
Shoeburyness	1022·9	0	SE'E	3	bcjb	61	85	8	2500	StCu	7	–	7	•
Clacton-on-Sea ...	1023·2	0	ESE	3	bc	60	75	7	4000	Cu	4	–	4	2
Felixstowe	1023·2	+1	E'S	3	bc	60	65	8	2500	Cu	4	–	4	1
Lympne	1022·8	+1	E	3	b+	57	85	6	–	–	0	aCu	2	•
Scilly (St. Mary's) ...	1019·5	-1	E'N	4	bc	57	92	8	4000	StCu	2	CiSt	3	1
Falmouth (Pendennis)	1020·5	-1	ENE	3	bc+	56	92	8	4000	StCu	3	–	3	
Plymouth (Cattewater)	1020·6	0	ENE	2	b	54	75	7	5700	Cu	<1	Ci		
Portland Bill	1020·6	0	E	3	b	60	85	6	2500	Cu	<1	aSt	1	
Southampton (Calshot)	1021·7	0	NNE	1	b	53	92	6	–	–	0	aCu	1	0
Dungeness	1023·1	+2	E	3	bc	60	85	7	4000	StCu	5	–	5	1
Guernsey (Fort George) P	1020·3	-1	E'N	3	bc	61	92	7	2500	Cu	1	aCu	4	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st August 1928.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 30th to 9h. 31st	Temperature. Max. 9h. 30th–17h. 31st	Rainfall.† Night 17h. 30th–9h. 31st	Rainfall.† Day 9h. 30th–17h. 31st	Sunshine. Sunrise to 17h. 31st	Sunshine. Sunrise to Sunset. 30th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	Th.R0	46	56	–	8	0·9	1·5
Douglas (I. o. M.) ...	c	c	48	61	2	0·5	1·6	11·7
Llandudno ...	c	c	48	65	–	–	1·5	11·8
Colwyn Bay ...	a c bc	c bc c	48	63	–	–	0·7	10·8
Rhyl	b y c	c bc	45	65	–	–	1·2	12·4
Wallasey	f 0	oc	50	65	–	–	0·0	12·0
Southport	oc	c o c o	*50	65	0·1	–	2·0	11·8
Blackpool	c	c	48	63	–	–	0·2	11·4
Ilkley	o	o	42	60	2	–	0·0	5·7
Cleethorpes	o	o c o	46	59	–	–	0·2	7·7
Skegness	bc c o c	c o	47	61	–	–	0·2	7·5
Aberystwyth ...	c T c	c P	48	62	–	1	1·2	11·8
Bath	b c c	b c c	47	68	–	–	5·4	12·2
Cheltenham ...	o w c	c b c c	48	66	–	–	2·7	12·5
Leamington Spa ...	c	c	47	66	–	–	1·3	11·8
Lowestoft	c	c b c	48	62	–	–	3·0	9·6
Harwich & Dovercourt	b c	b c c V	48	64	–	–	4·2	9·5
Maldon	b c	c	43	63	–	–	0·9	8·9
Southend	c	c o T	51	66	–	1	2·8	11·6

Stations.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	c b c	b b c c	54	65	–	–	3·6	12·6
Bude	c	c b c c	48	63	–	–	1·8	9·8
Penzance	c b c	c	54	66	–	–	1·2	11·5
Paignton	o w	c b c c o V	50	64	–	–	3·8	10·7
Torquay	c w o	o c o	52	65	–	–	4·0	9·8
Jersey	c	c	51	67	–	–	1·6	12·3
Weymouth	c	c	51	68	–	–	2·2	12·3
Bournemouth ...	m c	c c m	47	67	–	–	3·5	11·7
Ventnor ...	o b c	b c o	53	68	–	–	3·0	12·3
Portsmouth (S'thsea)	b c b	o c o	51	67	–	–	3·2	12·5
Bognor	c b c	c b c c	51	67	–	–	2·9	12·4
Littlehampton ...	b c c	b b c c	50	66	–	–	2·7	11·3
Worthing	c	c	50	69	–	–	2·1	10·8
Brighton	b c	b c c	50	?	–	–	3·7	12·1
Eastbourne	o c	c b c o	53	66	–	–	1·3	12·6
Hastings‖	c b c c	c b c c o	53	65	–	–	4·4	12·9
Folkestone	w c V	c V o	57	67	–	–	3·1	11·0
Dover	c b c	b c c	50	67	–	–	4·2	10·5
Tunbridge Wells ...	c o c o	o T o	45	64	–	T	1·2	12·8
Ramsgate	b c	b c c	53	65	–	–	4·6	10·4
Margate	b c	c	56	64	–	–	4·5	8·8
Deal	c b c	c o	48	66	–	–	3·6	10·8

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24391 Sunday 2nd September 1928. Page 1.

Observations at 18h. G.M.T. 1st (left half) — Observations at 18h. G.M.T. 1st (right half)

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1020.6	-1	NW	2	b	57	65	8	1500	Cu.	1	Ci.Cu.	2	*	1020.4	-1	SW	4 1	bc	54	85	8	2500	St.Cu.	1	Ci.	3	*
Stornoway	1020.6	-1	SE	2	bc-	60	65	7	4000	Cu.	4	–	4	*	1019.7	0	SE	1	bc	58	75	7	–	–	0	Ci.St.	5	1
Wick	1021.3	0	WSW	2	bc	55	92	8	2500	Cu.	2	Ci.	5	*	1020.6	-1	S	2	bc	54	92	8	4000	St.Cu.	2	Ci.Cu.	5	0
Tiree	1022.4	0	SW	1	bcv	59	75	9	2500	Cu.	4	A.St.	7	0	1020.5	-1	S'W	1	cv	55	85	9	2500	Cu.	4	A.Cu.	8	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.1	*	~~SW~~ E	1	bc	58	75	8	2500	Cu.	2	Ci.Cu.	4	*
Aberdeen	1022.0	-1	ESE	2	b	60	75	6	4000	Cu.	1	Ci.	1	1	1021.5	0	S	2	b	55	92	6	<150	St.	1	Ci.	2	0
Malin Head	1021.3	0	E	2	bc	57	85	8	4000	Cu.	1	Ci.	7	*	1020.3	-1	E	3	cv	58	85	9	4000	Cu.	2	Ci.Cu.	8	1
Renfrew	1021.9	-1	WSW	1	bc	60	65	6	4000	Cu.	3	Ci.	7	1	1020.9	0	WSW	2	bc	60	75	8	–	–	0	A.Cu.	5	*
Edinburgh (Inchkeith)	1022.2	-1	W	1	bc	60	75	7	4000	Cu.	3	A.Cu.	6	*	1021.0	0	ESE	2	c	57	85	7	4000	Cu.	4	Ci.Cu.	8	0
Leuchars	1021.8	-1	ESE	1	bc-	60	75	6	4000	Cu.	2	Ci.St.	6	1	1021.0	0	–	0	c	55	85	7	4000	St.Cu.	3	Ci.St.	8	*
Eskdalemuir	1021.1	-1	SW	2	c⊕	60	65	8	4000	Cu.	3	Ci.	8	1	1020.7	0	SW	3	bc	57	75	8	4000	Cu.	3	Ci.Cu.	7	*
Tynemouth	1021.1	-1	–	0	c/m	58	85	6	800	St.	5	A.Cu.	8	*	1021.2	0	NE	1	c	56	92	6	800	St.	6	A.Cu.	8	1
Blacksod Point	1020.0	0	–	0	bv	63	55	9	*	Cu.	2	–	2	*	1019.6	-1	–	0	bcv	62	65	9	*	–	0	Ci.	4	0
Donaghadee	1021.8	-1	ESE	1	bc-	61	75	7	2500	Cu.	3	Ci.St.	4	*	1021.2	-1	SW	1	bc-	58	85	8	4000	St.Cu.	3	Ci.Cu.	4	1
Birr Castle	1020.1	*	ESE	1	bc+	67	55	8	4000	Cu.	5	–	5	*	1018.9	*	SE	1	bc+	65	65	8	2500	Cu.	6	A.Cu.	7	*
Holyhead	1021.5	0	NNE	1	bc	60	85	8	2500	Cu.	4	Ci.	5	0	1021.3	0	–	0	b	60	85	8	4000	Cu.	1	–	1	0
Liverpool (Bidston)	1021.8	-1	~~SW~~ N	1	bc	60	85	7	4000	St.Cu.	5	–	5	*	1021.5	0	NNW	1	bc	59	85	7	2500	Cu.	4	Ci.	6	*
Chester (Sealand)	1021.0	-2	SSE	1	bc	68	55	7	4000	Cu.	1	A.Cu.	5	1	1020.7	+1	WNW	3	c+	60	75	7	2500	Cu.	5	A.Cu.	8	*
Harrogate	1022.3	0	–	0	c h	57	85	5	2500	Nb	9	A.St.	10	*	1021.8	0	–	0	fc+	57	92	3	<150	St.	9	–	9	*
Spurn Head	1022.5	0	SE	4	c	62	85	7	4000	Cu.Nb.	4	A.St.	8	*	1021.6	-1	SE'E	4	c	59	85	7	4000	Nb.	8	–	8	3
Birmingham (Edgbaston)	1022.1	-1	SSE	2	bc	65	65	8	2500	Cu.	3	–	3	1	1021.2	0	SSW	1	ob	66	55	8	4000	Cu.	1	–	1	*
Cranwell	1022.9	0	S'E	3	c	67	75	7	2500	Cu.	7	A.St.	8	0	1022.2	0	SSE	3	bc-	61	85	8	4000	St.Cu.	3	Ci.Cu.	7	*
Gorleston	1023.8	0	SE'S	3	b	63	65	7	5700	Cu.	1	Ci.	2	*	1023.5	0	SE'S	3	b	62	65	7	–	–	0	Ci.	2	0
Valentia (Cahirciveen)	1019.7	-1	SE'S	2	bcv	69	55	9	2500	Cu.	3	–	3	0	1019.3	0	NW	2	bc	64	65	8	2500	Cu.	1	A.Cu.	4	0
Roches Point	1021.0	-1	ESE	3	bcv	61	92	9	1500	Cu.	~~4~~ 3	~~Ci.St.~~ Cu	4	*	1020.6	0	ESE	3	b	61	85	8	–	–	0	Ci.Cu.	2	2
Pembroke (St. Ann's H.)	1020.8	-1	S	1	b/m	64	65	6	1500	Cu.	1	–	1	*	1019.8	-1	NNE	2	b	63	75	8	–	–	0	–	0	0
Ross-on-Wye	1021.0	-1	E	2	b	64	75	6	4000	Cu.	1	–	1	0	1020.3	0	E'S	1	b	66	65	7	4000	Cu.Nb.	1	–	1	*
Leafield	1021.3	-1	SE'S	2	b	66	55	7	4000	Cu.	1	–	1	0	1021.0	0	SSE	2	bc	61	75	8	1500	St.Cu.	6	A.St.	7	*
Winchester (Worthy Dn.)	1021.1	-1	SSE	3	bc	65	65	8	4000	Cu.	7	–	7	0	1020.9	0	SSE	1	b	64	65	8	–	–	0	–	0	*
S. Farnborough	1021.2	-1	S	3	c	67	55	7	4000	Cu.	8	–	8	0	1021.3	0	SE	1	b-	63	65	7	4000	Cu.	1	–	1	*
London (Kew Obsy.)	1022.2	-1	E'S	2	bc	68	55	8	4000	Cu.	7	–	7	1	1021.8	0	E	2	b-	65	55	8	4000	St.Cu.	1	–	1	*
Croydon	1022.0	-1	E	2	bc-	66	55	7	5700	Cu.	6	–	6	0	1021.8	+1	E	3	b-	63	55	7	–	–	0	–	0	*
Shoeburyness	1023.4	0	E'S	4	b	65	75	8	4000	Cu.	1	–	1	*	1023.2	0	E'S	3	b	60	85	8	4000	Cu.	1	–	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.4	0	ESE	3	b	61	75	7	–	–	0	Ci.	1	1
Felixstowe	1023.8	+1	ENE	3	bc	65	55	8	2500	Cu.	3	–	3	0	1023.6	+1	E	3	bv	61	65	9	–	–	0	Ci.St.	1	1
Lympne	1022.4	-1	E	3	b	66	55	8	–	–	0	–	0	0	1022.4	+1	NE'E	3	b	59	75	7	–	–	0	–	0	*
Scilly (St. Mary's)	1019.0	0	E	4	c	64	75	7	–	–	0	A.Cu.	8	*	1018.8	0	E	4	bc	62	85	6	–	–	0	A.Cu.	5	4
Falmouth (Pendennis)	1020.5	0	E	5	bc	64	92	8	4000	Cu.	3	A.Cu.	5	*	1020.2	0	E	4	bc-	61	92	7	4000	Cu.	3	A.Cu.	7	2
Plymouth (Cattewater)	1020.2	-1	ESE	3	b	69	55	8	4000	Cu.	1	Ci.	1	0	1020.0	+1	ESE	3	bc+	64	65	8	–	–	0	A.Cu.	3	0
Portland Bill	1020.9	+1	ENE	2	b	66	85	6	2500	St.Cu.	2	–	2	*	1020.2	0	ENE	4	b	63	85	6	2500	St.Cu.	2	–	2	0
Southampton (Calshot)	1021.7	0	E'S	4	bc+	65	75	6	2500	Cu.Nb.	3	–	3	0	1021.0	-1	ESE	3	b	64	65	6	–	–	0	–	0	0
Dungeness	1023.0	0	E	3	b	67	65	7	2500	Cu.	2	–	2	*	1022.3	0	ENE	4	b	62	75	7	–	–	0	–	0	2
Guernsey (Fort George)	1020.2	0	E	3	bcr	65	85	7	4000	St.Cu.	1	Ci.St.	6	*	1019.8	-2	ENE	4	bc	62	85	7	4000	St.Cu.	3	A.Cu.	7	4

London Observations. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.	Height above M.S.L. in feet.	Weather (24 Hours ended 9h) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Night. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h.
Kew	16	bbcy	by	bwfmf	69	45	35	-	-	9.0	*	*	*
Croydon	244	bmwbcy	bcby	bymm	69	44	34	-	Tr.	10.9	*	*	*
Greenwich (Royal Obsy.)	149	bbcc	cbz.y	bwfb	68	44	29	-	-	10.9	57	61	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	9.6	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	68	51	42	-	-	8.8	55	61	*
Regent's Pk. (Botanic Gdns).	108	*	*	*	*	*	*	*	*	7.9	*	*	*
Camden Square	110	bcc	cb	*	70	47	*	-	-	*	*	64	*
Kensington Palace	80	bc	b	*	69	47	39	-	-	*	(At 18h) 61	61	*
Hampstead Observatory	450	*	*	*						8.5	*		*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
24 Hr. ended 7h. G.M.T. 2nd

South Kensington Max.	Time.	Min.	Time.
1.2	9h. 1st	<0.3	17h. 1st

Kew Observatory Max.	Time.	Min.	Time.

Pole Star Record at Greenwich Obsy.
Exposure from 1st 19 h. 40 m. to 2nd 4 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8·30	8·30	100
δ Ursae Minoris	8·30	8·30	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 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (Ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 2nd & 3rd Sept. 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5 6	11·53	18·38
	5·8	11·52	18·36
Greenwich	5·15	12·0	18·43
	5·17	11·59	18·41
Wick	5·14	12·12	19·6
	5·16	12·12	19·6
Valentia	5·55	12·41	19·25
	5·57	12·40	19·23

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

Symbols.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♨ = lunar halo.
With present weather is combined, wherever possible, the general character of the weather.
/ "split by" 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.

§ Telegraphic Code for Surface Visibility.

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

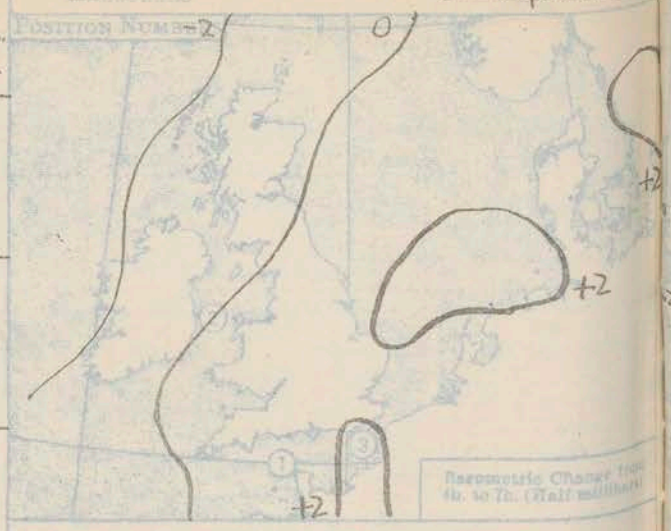
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 1st	18h.-18h. 1st	18h. 1st to 18h. 2nd	18h.-7h. 2nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm.	began.	Night 18h.-7h. mm.	began.	SUN 1st Hours.
Lerwick	cbcb	bbc	b bcc	cofc	69	48	•	–	–	–	–	10·8
Stornoway	b-bc	c	b-bc	c	63	40	•	–	–	T	–	10.0
Wick	b-bc	b-bc	b-bc	bcFf	55	41	•	–	–	–	–	•
Tiree	ocbc	cbcc	cbc	bcB	60	46	36	–	–	–	–	9·2
Nairn	bcb	bbc	bc	bw	62	43	•	–	–	–	–	10·0
Aberdeen	bz₀	bz₀	bofbcm₀	bbcm₀	61	43	36	–	–	–	–	11·1
Malin Head	⊕cbc	bccv	cbcb	bbc	58	50	•	–	–	–	–	10.6
Renfrew	offecbc	bcy	bcw	bcw,bffe	65	37	33	–	–	0.1	–	7·8
Edinburgh (Inchkeith)	Fffbc	bcc	cbccw	cbcmm	63	43	44	–	–	Tr.	–	6·9
Leuchars	bcm,wc	bcc	cbcmw	bmwffbw	60	43	38	–	–	–	–	7.6
Eskdalemuir	bcwbccz	cbcybc	bcbw	bwoFw	6m	39	37	–	–	–	–	9.7
Tynemouth	cm	cm₀	cbcff	oFF	61	47	42	–	–	–	–	•
Blacksod Point	b	b	b	c	65	52	•	–	•	–	•	•
Donaghadee	cbc	bc	bcbw	bfm₀	64	48	•	–	–	–	–	•
Birr Castle	bc	bc	bc	bc	70	49	39	–	–	–	–	10.3
Holyhead	bc	bcb	bw	bcbw	65	50	43	–	–	Tr.	–	9.8
Liverpool (Bidston)	m₀cbc	bcc	cbc	bcbm	62	51	43	–	–	–	–	7.5
Chester (Sealand)	bfbamm₀	bcy	cm₀	bcmbwff	69	43	38	–	–	–	–	7.0
Harrogate	cfbccg	ccrf	cbcofF	bcbFf	60	46	42	Tr.	17.30	–	–	0.5
Spurn Head	cpr	cpr₀	c	cprbc	62	53	•	Tr.	11.00	Tr.	1·30	2·8
Birmingham (Edgbaston)	fob	bcb	b	bw	69	49	39	–	–	–	–	8·3
Cranwell	cbc	cbc	c	bcbw	67	46	41	–	–	–	–	4·8
Gorleston	b	b	b	b	63	53	49	–	–	–	–	12·2
Valentia (Cahirciveen)	bbcwy	bcvy	bcb	bbc	70	55	47	–	–	–	–	11·5
Roches Point	ffobcv	bcvb	bwbc	bcw	64	55	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	bcm₀	bm₀	b	bcm	66	54	•	–	–	–	–	11·8
Ross-on-Wye	fecmbz	b	bwm	bfw	69	42	38	–	–	–	–	7·3
Leafield	ofcFcb	bbc	bcbw	b	68	47	36	Tr.	–	Tr.	–	5·2
Winchester (Worthy Dn.)	bmfbbc	bcbyb	b	bw	68	43	33	–	–	–	–	9·2
S. Farnborough	ofbm₀c	cb	bw	bwm₀	69	35	26	–	–	–	–	4·3
London (Kew Obsy.)	bbcy	by	bw	bwfmw	69	45	35	–	–	–	–	9·0
Croydon	bmwbcy	bcby	bywm₀	bwm₀	69	44	34	–	–	Tr.	–	10.9
Shoeburyness	cb	b	b	b	65	46	35	–	–	–	–	11·2
Clacton-on-Sea	bc	bcb	b	b	64	69	55	–	–	–	–	12·12
Felixstowe	bc	bcb	b	b	65	58	55	–	–	–	–	12.4
Lympne	bm₀by	by	b	bm₀	66	47	34	–	–	–	–	11.6
Scilly (St. Mary's)	bcc	cbc	bcb	b	69	56	•	–	–	–	–	8·2
Falmouth (Pendennis)	bc	bcc	bcm₀	bcm₀b	64	56	•	–	–	–	–	9·6
Plymouth (Cattewater)	by	bybc	bcb	bwlm₀	70	54	49	–	–	–	–	11·1
Portland Bill	bz₀	bz₀	bz₀	bz₀	66	57	•	–	–	–	–	•
Southampton (Calshot)	bbcb	bm₀	bm₀	bm₀w	66	53	46	–	–	Tr.	–	12·2
Dungeness	bcb	b	b	b	67	57	•	–	–	–	–	•
Guernsey	bc	bc	bc	bcz₀	67	59	•	–	–	–	–	

2nd September



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
1	1st 12h	St. Julien	E'N	4	bc	64	62	7
2	" 10h	Cambria	NE	1	bc⊕	56	56	?

GENERAL INFERENCE.

An anticyclone over Germany and the Southern North Sea is almost stationary and a deep depression over Iceland is moving northeast together with associated secondaries. In the extreme western and northwestern districts there is a possibility of some rain or showers, but elsewhere conditions will continue fine or fair with some mist or fog night and morning.

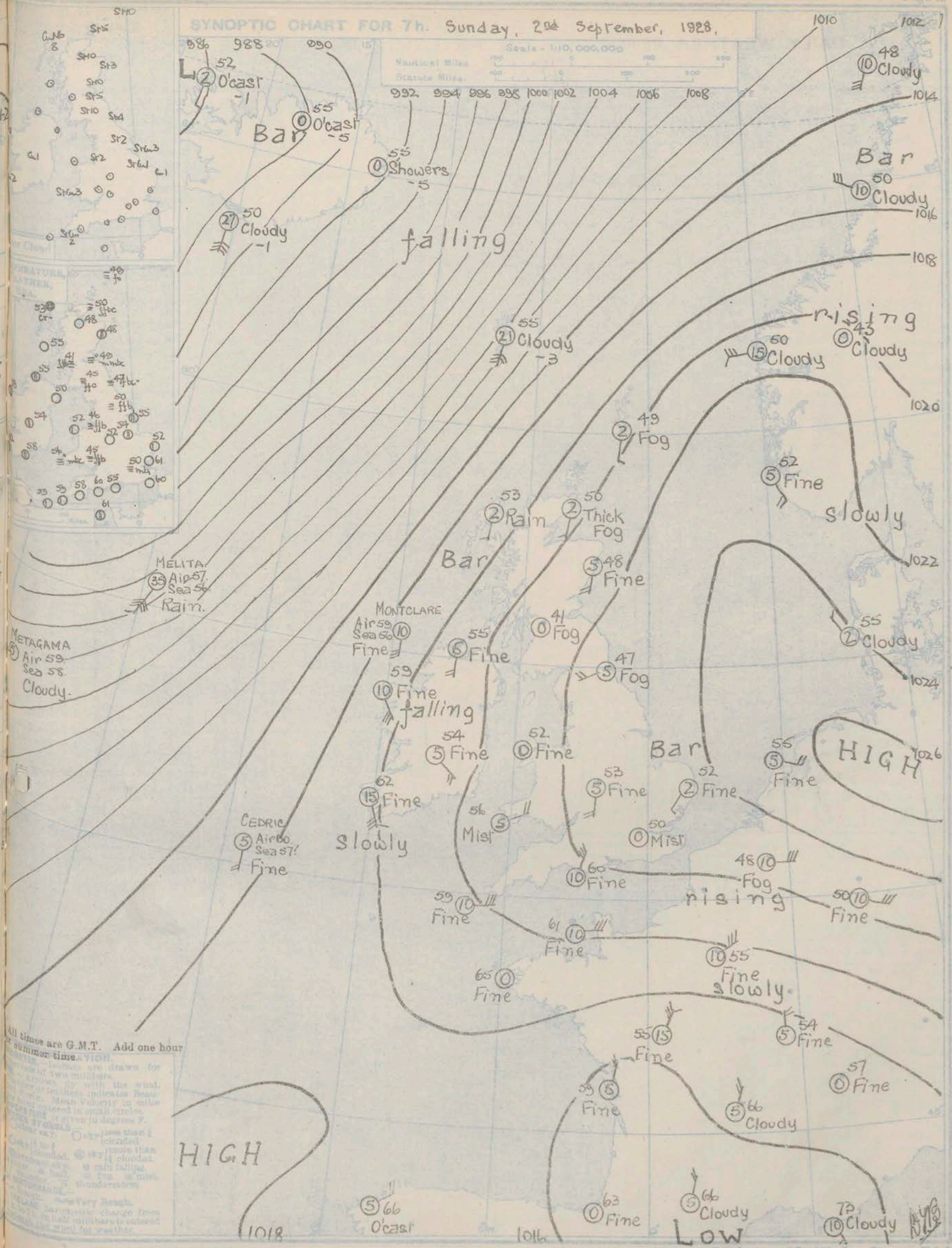
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 2nd September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light winds mainly from between E. and S., fine or fair; local mist or fog night and morning; rather warm by day, cool at night with slight ground frost locally.	Fair or fine except in extreme western and northern districts.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds becoming S. to S.W., light to moderate; fine or fair, local mist or fog, night and morning; rather warm by day, cool at night with slight ground frost locally.	
13 A. W. Scotland 13 B. N.W. Scotland	Wind south to southwest, light to moderate, fresh locally on coasts; cloudy, local rain or showers; local mist or fog; rather warm or moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland	As 7 - 11.	
16. Orkneys and Shetlands	As 13A. and 13B.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Winds mainly southerly, light or moderate; mainly fair, local mist or fog night and morning; rather warm by day, slight ground frost locally inland at night.	

B.C.R.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1100 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1.

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


SYNOPTIC CHART FOR 7h. Sunday, 2nd September, 1928.
Scale - 1/10,000,000
Nautical Miles
Statute Miles
986 988 990 992 994 996 998 1000 1002 1004 1006 1008 1010 1012 1014 1016 1018 1020 1022 1024 1026
L 52 O'cast -1
55 O'cast -5
Bar
55 Showers -5
50 Cloudy -1
falling
55 Cloudy -3
48 Cloudy
Bar
50 Cloudy
rising
50 Cloudy
45 Cloudy
49 Fog
52 Fine
slowly
53 Rain
56 Thick Fog
Bar
48 Fine
MELITA Air 57 Sea 56 Rain.
METAGAMA Air 59 Sea 58 Cloudy.
MONTCLARE Air 59 Sea 56 Fine
55 Fine
41 Fog
55 Cloudy
47 Fog
59 Fine
falling
54 Fine
52 Fine
Bar
55 Fine
HIGH
53 Fine
52 Fine
62 Fine
56 Mist
50 Mist
CEDRIC Air 60 Sea 57 Fine
slowly
60 Fine
48 Fog
rising
50 Fine
59 Fine
61 Fine
55 Fine
65 Fine
slowly
55 Fine
54 Fine
57 Fine
59 Fine
66 Cloudy
HIGH
66 O'cast
63 Fine
66 Cloudy
Low
73 Cloudy
All times are G.M.T. Add one hour for summer time.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday, 2nd September 1928. No. 246.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 2nd: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Observations at 7h. G.M.T. 2nd: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sun 0-9
Lerwick	54	1020.0	0	-	0	c	51	92	7	450	StCu	8	-	8	1018.8	-1	S	1	fo	49	97	3	~~[illegible]~~ 550	St	10	-	10	.
Stornoway	30	1019.7	-1	SW	1	bc-	.	.	8	.	.	.	.	3	1016.9	-2	S	1	cm	53	85	8	4000	CuNb	8	-	8	1
Wick	81	1020.4	-1	S	1	bc	51	97	8	-	-	0	CiSt	6	1018.7	-1	SSW	1	FFbc	50	97	1	220	St	5	-	5	0
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.2	-1	-	0	b-	55	92	8	-	-	0	-	0	1
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.8	.	-	0	b-	48	85	8	-	-	0	-	0	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.8	0	SSW	2	bc+	48	97	5	<150	St	3	ACu	4	0
Malin Head	61	1019.8	-1	SSE	3	b	53	92	8	-	-	0	-	0	1018.5	-1	S	2	bc	55	85	8	-	-	0	Ci	3	0
Renfrew	85	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.6	0	-	0	ffb	41	97	2	-	-	0	-	0	.
Edinburgh (Inchkeith)	130	1020.9	0	WSW	2	c⊕	52	92	7	1500	St	4	Ci	8	1021.2	0	WSW	2	mmbc	49	97	4	800	St	5	-	5	0
Leuchars	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.0	0	-	0	FFb	45	97	1	-	-	0	-	0	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.8	0	-	0	FFo	45	97	1	<150	St	10	-	10	.
Tynemouth	97	1021.3	-1	SW	1	ffbc	50	97	2	800	St	7	-	7	1022.4	0	WSW	2	fbc-	47	97	2	800	St	6	-	6	0
Blacksod Point	18	1018.5	-1	-	0	b	56	85	8	.	-	-	0	0	1017.1	-2	SE	3	bc	59	75	8	.	-	0	CiSt	7	1
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.9	0	-	0	b-	50	97	5	-	-	0	-	0	0
Birr Castle	178	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.5	.	SE	2	bc-	54	92	7	2500	Cu	1	Ci	3	.
Holyhead	20	1021.1	0	-	0	bc+	52	97	8	-	-	0	Ci	3	1021.0	+1	-	0	b	52	97	7	-	-	0	ACu	1	0
Liverpool (Bidston)	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.8	0	NW	2	b	53	92	5	800	St	2	-	2	.
Chester (Sealand)	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.5	+1	SE'S	1	ffb	46	97	3	-	-	0	-	0	.
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.2	0	-	0	FFb	50	92	1	<150	St	2	-	2	.
Spurn Head	29	1022.1	0	S'E	4	c/fg	56	85	7	4000	CuNb	5	ASt	9	1022.5	0	S'W	3	bc	56	85	7	5700	StCu	3	CiSt	5	2
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.2	+1	S	2	b	53	85	7	-	-	0	-	0	.
Cranwell	236	1022.9	+2	SSE	3	bc-	52	97	5	2500	Cu	6	-	6	1023.5	+1	S'W	1	bc+	54	92	6	5700	StCu	1	ACu	1	0
Gorleston	14	1023.2	0	SE'S	4	b	61	75	7	-	-	0	-	0	1023.6	+2	SWW	1	b	52	85	7	5700	Cu	1	-	1	0
Valentia (Cahirciveen) P	30	1020.0	0	-	0	b	58	75	9	-	-	0	-	0	1017.7	-1	SE'S	4	bc	62	75	8	5700	Cu	2	Ci	5	0
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.5	-1	ESE	3	bc	58	92	8	2500	StCu	3	CiCu	4	2
Pembroke (St. Ann's H.)	160	1020.9	+1	NE	2	bc+	55	92	8	-	-	0	ASt	3	1021.0	+1	ENE	2	mbc	56	92	4	-	-	0	ACu	3	0
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.7	0	-	0	ffb	45	97	3	-	-	0	-	0	.
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.7	0	SE	1	b	52	92	7	-	-	0	-	0	.
Winchester (Worthy Dn.)	372	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.2	0	-	0	b	50	85	8	-	-	0	-	0	.
S. Farnborough	230	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.0	+1	-	0	b	41	97	5	-	-	0	-	0	.
London (Kew Obsy.)	18	.	.	.	.	.	51	.	.	.	.	.	.	.	1023.6	+1	-	0	fbc-	50	92	4	-	-	0	-	0	.
Croydon	244	1022.9	0	-	0	b	48	92	6	-	-	0	-	0	1023.3	+1	-	0	b	50	92	6	-	-	0	-	0	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1024.1	0	-	0	b	53	97	7	-	-	0	-	0	.
Clacton-on-Sea	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.5	0	ESE	2	b	61	65	7	-	-	0	-	0	—
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.7	0	SE	2	b	61	65	7	-	-	0	-	0	—
Lympne	350	1023.0	+1	E'S	3	b	55	75	8	-	-	0	-	0	1023.0	0	ENE	3	b	55	75	6	-	-	0	-	0	.
Scilly (St. Mary's)	163	1019.1	0	E'N	2	b	57	97	8	-	-	0	-	0	1019.5	0	E	3	b	59	97	6	-	-	0	Ci	1	—
Falmouth (Pendennis)	200	1021.1	+1	NE	3	bc	57	97	6	4000	StCu	3	-	3	1020.4	0	ENE	4	b	59	97	7	4000	StCu	2	-	2	—
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.7	+1	E	3	b	58	85	6	-	-	0	-	0	0
Portland Bill ENE	32	1020.7	+1	[illegible]	4	b	60	85	6	-	-	0	-	0	1020.8	0	NE	3	b	60	85	6	-	-	0	-	0	0
Southampton (Calshot)	10	1021.9	0	NE'E	3	b	56	85	6	-	-	0	-	0	1022.3	+1	NE'N	3	b	55	85	6	-	-	0	-	0	0
Dungeness	20	1022.3	0	ESE	3	b	59	65	8	-	-	0	-	0	1022.3	+2	E	3	b	60	75	8	-	-	0	-	0	0
Guernsey (Fort George) P	295														1020.6	0	E	3	bc	61	85	7	-	-	0	ACu	4	—

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sat. 1st Sept. 1928.

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. 9h. 31st to 9h. 1st °F	Temperature Max. 9h.-17h. 1st °F	Rainfall† Night 17h.-9h. 31st-1st mm.	Rainfall† Day 9h.-17h. 1st mm.	Sunshine Sunrise to 17h. 1st hr.	Sunshine Sunrise to Sunset. 31st hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	ocbc	bc	43	58	Trace	-	6.2	0.9
Douglas (I. o. M.)	bbc	bbc	49	62	/	-	7.4	1.6
Llandudno	bcb	bbc	49	63	0.2	-	9.5	1.6
Colwyn Bay	b	b	48	64	0.5	-	10.5	0.8
Rhyl	bc	bc	46	65	0.2	-	11.2	1.2
Wallasey	bcz	bcbbc	50	65	-	-	7.0	0.0
Southport	cbc	c	51 ~~[illegible]~~	64	-	-	7.4	2.0
Blackpool	cbc	bbc	51	63	-	-	6.3	0.2
Ilkley	co	co	47	60	-	-	0.6	0.0
Cleethorpes	oc	poc	46	65	-	/	3.2	0.2
Skegness	cbc	bcc	56	66	-	-	6.4	0.2
Aberystwyth	bcb	b	47	64	-	-	11.2	1.2
Bath	mb	b	45	71	-	-	7.5	5.4
Cheltenham	cm	bcb	47	70	-	-	8.1	2.7
Leamington Spa	om	c	49	70	-	-	6.4	1.3
Lowestoft	b	b	54	65	-	-	11.4	3.0
Harwich & Dovercourt	bc	bv	57	67	-	-	9.1	4.2
Maldon	rbcb	b	50	65	/	-	8.3	0.9
Southend	b	b	57	67	/	-	10.5	2.3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	bcb	51	66	-	-	10.1	3.6
Bude	wbbc	bbc	48	70	-	-	11.1	1.8
Penzance	b	bcb	52	68	-	-	8.6	1.2
Paignton	bwbcb	b	46	65	-	-	10.9	3.8
Torquay	bwbbc	b	50	67	-	-	11.0	3.8
Jersey	bc	bcc	57	72	-	-	7.0	1.6
Weymouth	b	b	50	69	-	-	11.4	2.3
Bournemouth	b	b	46	70	-	-	10.0	3.5
Ventnor	b	b	54	69	-	-	11.1	3.0
Portsmouth (S'thsea)	b	b	53	67	-	-	11.1	3.2
Bognor	bc	bcb	50	66	-	-	10.1	2.9
Littlehampton	bc	bc	49	66	-	-	10.3	2.7
Worthing	b	b	49	68	-	-	10.3	2.1
Brighton	b	b	49	68	-	-	10.3	3.7
Eastbourne	b	b	52	67	-	-	9.2	1.3
Hastings‡	b	b	55	67	-	-	10.3	4.4
Folkestone	b	bv	56	68	-	-	10.4	3.1
Dover	b	b	58	69	-	-	10.7	4.2
Tunbridge Wells	bc	bc	51	68	-	-	10.5	1.2
Ramsgate	b	b	58	65	-	-	10.8	4.6
Margate	b	b	57	64	/	-	10.5	4.5
Deal	b	b	57	67	-	-	9.8	3.6

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⊕ 23h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,392 MONDAY, 3rd SEPTEMBER, 1928. Page 1.

Observations at 13h. G.M.T. 2nd

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1017.6	-1	S	2	c	55	92	7	800	St	5	ASt	10	*
Stornoway	1014.4	-3	SSW	4	c	62	75	8	-	-	0	ASt	10	*
Wick	1017.6	-2	SSW	2	bc	58	85	8	1500	St	3	CiSt	5	*
Tiree	1016.4	-2	S	5	c	60	85	8	2500	Cu	1	ASt	9	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1019.0	-2	S	3	b	66	65	7	4000	Cu	1	Ci	1	1
Malin Head	1016.1	-2	SW	4	c⊕	66	65	8	-	-	0	CiSt	10	*
Renfrew	1019.7	-1	SW	3	c⊕	65	65	8	4000	Cu	4	CiSt	9	1
Edinburgh (Inchkeith)	1019.9	-1	E	1	bc	61	65	7	4000	Cu	2	Ci	3	*
Leuchars	1019.0	-3	SSW	3	bc+	67	55	8	5700	Cu	1	CiSt	4	1
Eskdalemuir	1020.6	-1	SWW	4	bc	60	75	7	4000	Cu	3	Ci	5	1
Tynemouth	1020.9	-1	SE	1	bc/f	68	65	7	1500	Cu	3	-	3	*
Blacksod Point	1014.5	-2	S	4	c	63	75	8	*	-	0	ASt	9	*
Donaghadee	1019.9	-2	SSE	3	bc-	62	85	7	4000	Cu	1	CiSt	5	*
Birr Castle	1017.9	*	SE	1	bc	68	65	8	2500	Cu	3	-	3	*
Holyhead	1021.1	0	SSW	2	b	67	75	7	4000	Cu	1	Ci	1	0
Liverpool (Bidston)	1021.3	+1	-	0	bc+	66	65	6	4000	Cu	2	Ci	4	*
Chester (Sealand)	1020.7	-1	SSE	2	bc+	70	55	8	4000	Cu	3	-	3	1
Harrogate	1021.0	-1	SSW	3	bc+	68	55	7	4000	Cu	3	-	3	*
Spurn Head	1022.1	0	SE	3	bc	71	65	7	4000	Cu	4	-	4	*
Birmingham (Edgbaston)	1022.1	-1	S	2	b	69	45	8	4000	Cu	1	-	1	1
Cranwell	1022.7	-1	SSW	2	b+	70	75	7	4000	Cu	2	-	2	0
Gorleston	1023.9	0	SES	3	b	65	55	7	5700	Cu	1	-	1	*
Valentia (Cahirciveen)	1017.7	0	SE	5	c	65	85	8	800	St	10	-	10	0
Roches Point	1020.0	0	ESE	2	bc	65	85	8	2500	St	2	Ci	4	*
Pembroke (St. Ann's H.)	1020.4	0	SSE	2	b-	65	75	6	-	-	0	Ci	1	*
Ross-on-Wye	1021.1	0	E	3	b	69	45	7	-	-	0	Ci	1	0
Leafield	1021.6	-1	SEE	2	b+	67	55	8	-	-	0	ACu	1	1
Winchester (Worthy Dn.)	1021.6	-1	E	3	b	69	45	8	4000	Cu	1	-	1	0
S. Farnborough	1021.7	-2	ESE	3	b	71	45	7	4000	Cu	1	-	1	0
London (Kew Obsy.)	1022.3	-2	E	3	b	67	45	7	-	-	0	-	0	1
Croydon	1021.7	-2	SEE	3	b	71	45	7	-	-	0	-	0	0
Shoeburyness	1023.0	0	E	4	b	66	65	8	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1023.5	-1	ESE	3	b	66	55	8	-	-	0	-	0	0
Lympne	1022.1	-2	EN	3	b	67	45	7	-	-	0	-	0	0
Scilly (St. Mary's)	1019.9	+1	ES	4	b	68	75	6	-	-	0	ACu	1	*
Falmouth (Pendennis)	1021.5	+1	ESE	3	b	64	92	7	4000	Cu	2	-	2	*
Plymouth (Cattewater)	1021.1	0	ESE	3	b	69	55	7	4000	Cu	1	-	1	0
Portland Bill	1020.8	0	ENE	4	b	65	75	6	2500	Cu	1	-	1	*
Southampton (Calshot)	1021.6	-1	ESE	4	b	65	75	6	-	-	0	-	0	0
Dungeness	1022.4	0	ENE	3	b	67	55	8	-	-	0	-	0	*
Guernsey (Fort George)	1020.9	0	EN	4	b-	64	75	6	-	-	0	-	0	*

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.7	-3	S	3	c	55	92	7	800	St	5	ASt	10	*
Stornoway	1011.2	-4	SSW	6	c	60	75	7	4000	CuNb	10	-	10	4
Wick	1014.9	-3	SSW	3	c	56	97	8	1500	St	2	CiSt	8	0
Tiree	1014.4	-3	S	5	cr₀	58	92	7	1500	StCu	10	-	10	3
Nairn	1012.8	*	-	0	bc+	60	75	8	2500	CuNb	7	-	7	*
Aberdeen	1017.3	-2	SSW	3	c⊕	58	75	7	-	-	0	ASt	9	0
Malin Head	1013.8	-2	S	4	c	66	75	8	5700	StCu	8	CiSt	10	1
Renfrew	1017.6	-2	SSW	3	c+	62	65	8	4000	StCu	4	ASt	10	*
Edinburgh (Inchkeith)	1018.5	-2	SW	3	c⊕	62	65	8	1500	St	3	ASt	10	1
Leuchars	1017.5	-2	SSE	1	c+	60	85	8	4000	Cu	1	CiSt	9	*
Eskdalemuir	1019.3	-2	SSW	3	c⊕	57	75	8	5700	StCu	3	CiSt	9	*
Tynemouth	1020.0	-1	SSE	1	bc	58	75	7	1500	St	2	Ci	4	1
Blacksod Point	1014.0	-2	S	4	c	61	85	7	*	-	0	ASt	10	2
Donaghadee	1018.5	-2	SSW	3	c	60	75	7	4000	StCu	4	ASt	8	2
Birr Castle	1016.4	*	S	2	bc+	66	65	8	2500	Cu	3	ACu	7	*
Holyhead	1019.6	-2	S	1	bc⊕	62	65	8	-	-	0	CiSt	6	0
Liverpool (Bidston)	1020.6	-1	NW	1	bc+	66	65	8	2500	StCu	2	CiCu	6	*
Chester (Sealand)	1020.3	0	W	2	bc	64	75	8	4000	Cu	2	Ci	5	*
Harrogate	1021.1	0	SWS	1	c+	61	65	7	-	-	0	CiSt	9	*
Spurn Head	1021.5	0	SES	4	bc	60	85	7	-	-	0	ASt	5	1
Birmingham (Edgbaston)	1021.5	-1	SSE	1	b	68	45	8	-	-	0	Ci	2	*
Cranwell	1022.6	-1	SSW	2	b	64	75	7	-	-	0	CiSt	1	*
Gorleston	1023.9	0	SSE	3	b	63	65	7	-	-	0	-	0	0
Valentia (Cahirciveen)	1018.0	+1	SSW	3	e	62	85	8	800	St	10	-	10	0
Roches Point	1019.5	-1	ESE	3	o	62	97	7	1500	St	10	-	10	2
Pembroke (St. Ann's H.)	1020.3	-1	SSE	2	bc+	63	85	7	-	-	0	CiSt	4	0
Ross-on-Wye	1021.2	0	SWW	2	b	68	55	8	-	-	0	Ci	1	*
Leafield	1021.2	-1	SSE	1	b	64	65	7	-	-	0	Ci	1	*
Winchester (Worthy Dn.)	1021.6	+1	SW	2	b	65	65	8	-	-	0	Ci	1	*
S. Farnborough	1021.7	+1	SE	1	b	67	45	7	-	-	0	Ci	1	*
London (Kew Obsy.)	1022.1	0	ESE	3	b	66	55	7	-	-	0	CiSt	1	*
Croydon	1022.2	+1	E	3	b+	63	65	7	-	-	0	Ci	1	*
Shoeburyness	1022.4	0	ENE	2	b	60	85	8	-	-	0	-	0	*
Clacton-on-Sea	1023.3	0	ESE	3	b	63	55	7	-	-	0	-	0	1
Felixstowe	1023.4	0	E	1	b	62	65	9	-	-	0	-	0	1
Lympne	1022.6	+1	NEN	3	b	60	65	7	-	-	0	-	0	*
Scilly (St. Mary's)	1020.1	0	SEE	3	b	62	85	6	-	-	0	Ci	2	1
Falmouth (Pendennis)	1021.6	0	ESE	2	b	61	97	6	4000	Cu	1	CiCu	2	1
Plymouth (Cattewater)	1021.5	+1	ESE	2	b+	65	65	8	-	-	0	Ci	1	0
Portland Bill	1021.3	0	NE	3	b	62	75	6	-	-	0	-	0	1
Southampton (Calshot)	1021.9	+1	ESE	3	b	64	65	6	-	-	0	-	0	0
Dungeness	1022.3	+1	E	4	b	63	65	7	-	-	0	-	0	4
Guernsey (Fort George)	1021.4	+1	NE	3	b	61	92	7	-	-	0	-	0	1

LONDON OBSERVATIONS. Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.	Heights above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility. 9h.
Kew	18	b	by	bcffw	70	44	36	-	-	11.7	*	*	5
Croydon	264	bzy	by	bwcm	71	48	42	-	Tr	11.9	*	*	6
Greenwich (Royal Obsy.)	149	by	by	bwcm	69	44	30	-	-	12.2	47	62	5
City (Bunhill Row)	50	*	*	*	*	*	*	*	*	11.4	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	70	49	?	-	-	11.7	34	61	*
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	9.5	*	*	*
Camden Square	110	b	b	*	73	47	*	-	-	*	*	74	*
Kensington Palace	80	b	b	*	71	48	39	-	-	*	(At 18h 38.)	68	*
Hampstead Observatory	450	*	*	*	67	45	34	-	Tr	11.8	*	64	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.2	7h.3rd	<0.3	15h.2nd

Kew Observatory			
Max.	Time.	Min.	Time.
0.3	7h.3rd	<0.1	15h.2nd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2nd 19 h. 45 m. to 3rd 04 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8.30	8.20	98
δ Ursae Minoris	8.30	8.12	96

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

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

3rd–4th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.8	11.52	18.36
	5.10	11.52	18.33
Greenwich	5.17	11.59	18.41
	5.18	11.59	18.39
Wick	5.16	12.12	19.6
	5.19	12.11	19.3
Valentia	5.57	12.40	19.23
	5.59	12.40	19.21

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
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/f = fair weather after rain; — = has decreased; + = has increased.

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

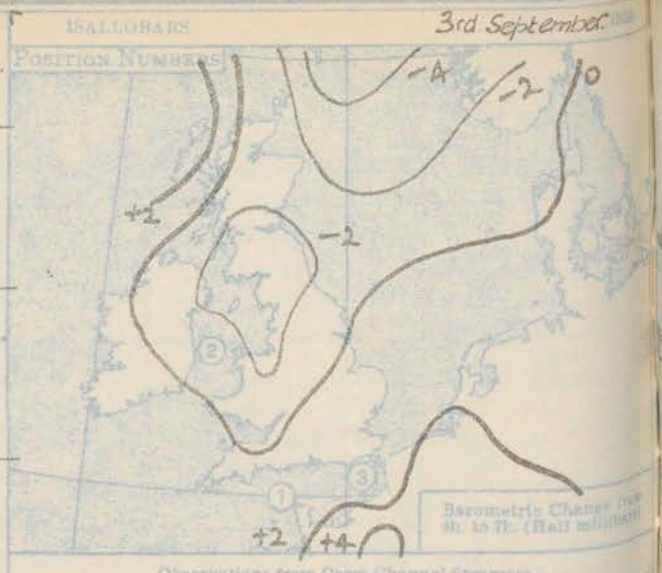
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 2nd	Weather. 18h.-18h. 2nd	Weather. 18h. 2nd to 1h. 3rd	Weather. 1h.-7h. 3rd	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 2nd Hours.
Lerwick	ofecm	cm₀	bccr₀	coirm₀	57	53	•	-	-	7	22·00	3·1
Stornoway	c	o	r-d	r-d	62	51	•	-	-	4	<21·00	4·3
Wick	ffbc	c	corr	rrir	58	55	•	-	-	3	24·00	•
Tiree	bbcc	or₀	r₀or	r₀rr8	61	55	55	0·3	17·30	8	<21·00	6·0
Nairn	bbc	bc	bcbq	bc	67	54	•	-	-	0·1	<21·00	8·3
Aberdeen	cfbcmb	bbcc	cr₀fk	r₀orifc	66	55	50	-	-	3	24·00	8·0
Malin Head	bcc	c	cir	circiD	66	58	•	-	-	3	22·00	5·2
Renfrew	bffezbc	c	cbr₀	om₀rd₀	67	58	56	-	-	1	<21·00	7·6
Edinburgh (Inchkeith)	mbc	bcc	c	cdir	65	58	55	-	-	Tr.	4·30	9·4
Leuchars	bmwbcy	bcy	c	crr₀cq	69	55	50	-	-	0·6	3·30	8·6
Eskdalemuir	cumbbc	bcc	c	cor₀om	64	51	50	-	-	0·3	3·30	6·5
Tynemouth	bcff	bc	bc	cp₀	68	55	46	-	-	0·1	6·30	•
Blacksod Point ...	mpc	c	p₀o	ord	64	59	•	02	•	6	•	•
Donaghadee	bmbc	bcc	c	ir₀m₀	65	57	•	-	-	2	2·30	•
Birr Castle	bcc	bc	bcc	cid₀	70	58	55	-	-	0·3	3·30	6·5
Holyhead	b	b	bcc	cm₀r₀	68	60	56	-	-	Tr.	4·30	10·8
Liverpool (Bidston) ...	bmbz	bcz₀	bcc	bcc	68	55	51	-	-	-	-	10·5
Chester (Sealand) ...	bfmmb	bcybc	bc	bccom	72	50	46	-	-	-	-	8·6
Harrogate	bfbbc	bbcc	cbcc	bcc	70	54	48	-	-	-	-	9·7
Spurn Head	bc	bc	bc	c	72	54	•	-	-	-	-	10·3
Birmingham (Edgbaston)	b	b	b	bbc	72	51	47	-	-	-	-	11·7
Cranwell	b	b	b-bc	bcc	70	51	47	-	-	-	-	11·4
Gorleston	by	by	b	bbc	65	53	49	-	-	-	-	11·9
Valentia (Cahirciveen)	bcc	c	c	cid₀	66	58	52	-	-	0·4	6·30	3·5
Roches Point	bc	bccoz₀	ozcz	cz₀w	67	60	•	-	-	Tr.	<21·00	•
Pembroke (St. Ann's H.)	bcbm	bm₀	bcm₀	bccm₀	66	59	•	-	-	-	-	10·8
Ross-on-Wye	bmb	by	bwbc	bcwcm	73	48	43	-	-	-	-	11·5
Leafield	b	byz₀	bw	bbc	69	47	36	-	-	Tr.	-	11·5
Winchester (Worthy Dn.)	b by	by	byb	bcmw	70	41	32	-	-	-	-	12·0
S. Farnborough ...	bmwy	by	b	b₀cw	72	38	28	-	-	-	-	11·4
London (Kew Obsy.) ...	b	by	b	cffw	70	44	36	-	-	-	-	11·7
Croydon	bzoy	by	bw	bwcm₀	71	48	42	-	-	Tr.	-	11·9
Shoeburyness	b	b	b	bccwm₀	67	41	33	-	-	Tr.	-	12·2
Clacton-on-Sea ...	by	by	b	bbc	66	59	55	-	-	-	-	12·8
Felixstowe	by	byb	b	bbcw	66	56	45	-	-	-	-	12·4
Lympne	bm₀by	byb	bbw	bwbcm₀	67	48	34	-	-	Tr.	-	12·1
Scilly (St. Mary's) ...	bm₀	bm₀	bm₀	bm₀c	68	57	•	-	-	-	-	11·3
Falmouth (Pendennis)	b	bz₀	bz₀	bbcFwe	64	54	•	-	-	-	-	11·5
Plymouth (Cattewater)	bm₀y	by	b	bbcwm	71	48	40	-	-	-	-	11·6
Portland Bill	bz₀	bz₀	b	bcwbbcz	65	55	•	-	-	-	-	•
Southampton (Calshot)	bm₀yzbm₀	bm₀	bm₀w	bbcmw	66	51	37	-	-	Tr.	-	11·2
Dungeness	b	b	b	bbcz	67	47	•	-	-	-	-	•
Guernsey	bcbz₀	bz₀	b	bwm₀	65	56	•	-	-	0·1	-	

Sun Hours.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
3	3rd 1h	DIEPPE	ESE	2	bc	63	62	8

GENERAL INFERENCE.

A deep depression is centred to the north of Iceland and small secondaries to it are likely to move northeastwards across Ireland and Scotland. Some rain is likely in western and northern districts but in Eastern and Southeastern England weather will be mainly fair apart from some mist or fog in the early morning.

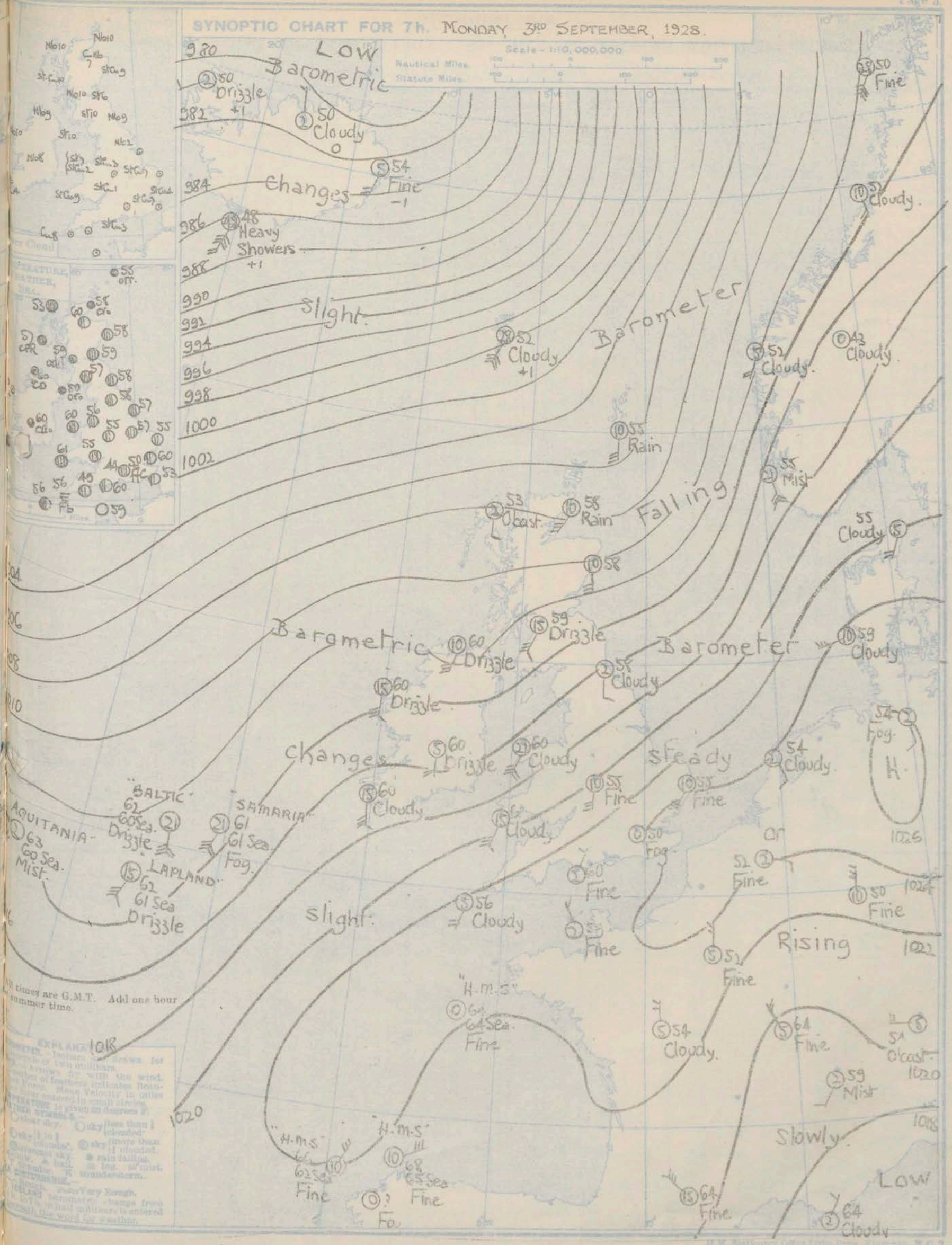
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 3rd September, 1928	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light to moderate southwesterly winds; fair; rather warm during day; some mist in early morning.	Further rain in western and northern districts. Fair in Southeastern and Eastern England apart from mist or fog in early morning.
5. S.W. England 6. South Wales	Moderate southwesterly winds, fresh at times; fair; rather warm during day; coastal fog at night and in early morning.	
7. North Wales 8. N.W. England 9. N. Midlands	Moderate southwesterly winds, fresh at times; cloudy; occasional rain; rather warm during day, some mist in early morning.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A) W. Scotland (B) N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate or fresh winds between south and southwest; cloudy; some rain; rather warm.	

W.H.F.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G.M.T. G. C. Simpson, D.Sc., Director.

‡ For code see page i

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


SYNOPTIC CHART FOR 7h. MONDAY, 3RD SEPTEMBER, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Low
Barometric
Changes
Slight
Barometer
Falling
Barometric
Changes
Barometer
Steady
or
Slight
Rising
Slowly
Low
H.
"BALTIC"
"SAMARIA"
"AQUITANIA"
"LAPLAND"
"H.M.S"
"H.M.S"
"H.M.S"
Fine
Drizzle
Cloudy
Heavy Showers
Rain
Mist
Fog
Sea Mist
Sea Fog
Sea Drizzle
Sea Fine
Sea Cloudy
Occast.
All times are G.M.T. Add one hour summer time.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....MONDAY...3rd SEPTEMBER...1928. No. 247.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 3rd: Barom. at M.S.L.	Change in 3 Hours	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form	Total Amt. 0-10	Observations at 7h. G.M.T. 3rd: Barom. at M.S.L. mb.	Change in 3 Hours	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1007·8	-5	S	3	cr	54	97	7	1500	CuNb	7	ASt	10	1004·6	-5	S	3	orr	55	97	6	1500	Nb	10	-	10	•
Stornoway	80	1007·1	-3	SW	5	ok	•	•	6	•	•	•	•	10	1008·4	+4	S	1	o/r	53	92	7	4000	Nb	10	-	10	1
Wick	81	1009·4	-3	SSW	3	orr	55	97	8	1500	Nb	10	-	10	1007·4	-1	SW	3	cr	58	97	8	1500	Nb	6	CuSt	8	3
Tiree	26	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·2	0	WSW	2	c/PR	57	97	8	1500	StCu	10	-	10	1
Nairn	57	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·6	•	SW	2	bc	60	85	8	2500	CuNb	7	-	7	•
Aberdeen	65	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·3	-1	S	3	c	58	85	7	4000	StCu	9	ASt	10	0
Malin Head	51	1011·8	-1	S	5	cr	59	97	7	4000	StCu	10	-	10	1011·6	0	SSW	3	cD	60	97	5	4000	Nb	9	ASt	10	3
Kenfrew	88	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·7	-2	SW	4	odd	59	92	5	450	Nb	10	-	10	•
Edinburgh (Inchkeith)	160	1014·0	-2	SW	4	c	60	75	8	4000	Cu	3	ACu	9	1013·3	-2	SW	3	c	59	75	8	1500	St	6	ASt	9	•
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·4	-1	SW	5	cr	60	85	7	800	Nb	8	ASt	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·4	-2	SSW	5	o	57	92	6	1500	St	10	-	10	•
Tynemouth	67	1018·6	-2	SW	7	ct	57	75	7	1500	Nb	9	-	9	1016·1	-2	S	1	c/r	58	75	6	1500	Nb	9	-	9	0
Blacksod Point	18	1012·4	-1	S	4	c	61	85	7	•	-	0	ASt	10	1012·6	0	S	4	od+	60	97	5	•	Nb	10	-	10	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·5	-2	SW	3	or	59	97	5	1500	St	10	-	10	2
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·7	•	S	2	cd	60	92	6	1500	Nb	8	-	8	•
Holyhead	36	1019·0	-1	SSW	4	c	61	85	6	-	-	0	ACu	9	1017·8	-1	SW'S	5	c	60	92	5	800	St	9	-	9	4
Liverpool (Bidston)	188	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·1	-2	SSW	2	c	56	75	8	2500	StCu	3	ASt	8	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·9	-2	SE	2	c-	57	85	6	2500	StCu	3	ACu	8	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1020·1	-1	SSW	4	c	58	75	7	4000	Nb	2	ASt	10	•
Spurn Head	39	1021·3	0	S	4	bc	55	85	7	-	-	0	ACu	5	1021·3	0	S'W	4	c	57	85	6	-	-	0	ACu	8	3
Birmingham (Edgbaston)	595	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·9	-1	S	3	bc	55	65	8	-	-	0	ACu	4	•
Cranwell	230	1022·5	0	SSW	3	b	51	97	7	-	-	0	Cu	1	1022·2	-1	S'W	3	c	57	92	6	5700	StCu	7	ASt	9	•
Gorleston	14	1023·6	0	SSW	1	b	58	76	7	-	-	0	-	0	1023·8	+1	SW	3	bc+	55	85	7	-	-	0	CuSt	7	0
Valentia (Cahirciveen)	30	1017·8	-1	SE'S	3	o/r	60	97	8	-	St	10	-	10	1017·5	0	S	4	c/d	60	92	7	800	St	10	-	10	3
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·7	0	SW	3	c	60	97	7	1500	StCu	10	-	10	2
Pembroke (St. Ann's H.)	150	1021·0	0	S	3	bc+	61	85	6	-	-	0	ACu	7	1020·8	0	SSW	4	c+	61	92	6	800	StCu	9	-	9	1
Ross-on-Wye	233	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·7	-1	W'S	2	c	55	85	6	5700	StCu	1	ASt	8	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·4	+1	S'W	3	c	51	92	7	4000	StCu	4	ACu	8	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·4	0	-	0	bc	47	97	7	-	-	0	Cu	5	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·5	0	SE	1	c	44	97	7	-	-	0	Cu	8	•
London (Kew Obsy.)	18	•	•	•	•	•	50	85	•	•	•	•	•	•	1024·0	+1	-	0	ffc	50	92	3	4000	StCu	7	ACu	8	•
Croydon	244	1023·2	0	S'E	3	b	52	75	7	-	-	0	-	0	1023·3	+1	S'W	1	c	55	85	5	7200	StCu	7	Cu	8	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·1	+1	WSW	1	c	53	97	5	-	-	0	ACu	8	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·0	0	SE	2	bc	60	75	7	7200	StCu	4	CiCu	6	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·8	+1	SW	1	c	60	75	6	4000	StCu	2	ACu	8	0
Lympne	350	1023·5	+1	E'S	3	b	50	85	7	-	-	0	-	0	1023·9	+1	E'S	1	bc	57	85	6	-	-	0	ACu	5	•
Scilly (St. Mary's)	163	1022·2	+1	SSE	3	b	57	97	6	-	-	0	-	0	1022·4	0	SSW	2	c/m	58	97	6	4000	Cu	8	-	8	1
Falmouth (Pendennis)	300	1022·8	0	SE'E	2	b	58	97	6	4000	StCu	1	-	1	1023·3	+1	-	0	Fb-	56	97	1	-	-	0	-	0	0
Plymouth (Cattewater)	33	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·3	+1	ENE	2	bc	51	92	4	-	-	0	Cu	4	0
Portland Bill	52	1021·9	-1	E	1	bc+	57	85	8	4000	StCu	3	-	3	1022·3	0	NE	1	bc+	60	92	6	4000	StCu	3	CuSt	7	0
Southampton (Calshot)	10	1023·5	0	ENE	1	b	54	85	6	-	-	0	-	0	1023·5	+1	ENE	1	bc	55	85	6	-	-	0	CuCu	4	0
Dungeness	20	{1023·2	+1	ESE	2	b	61	75	8	-	-	0	-	0	1023·9	+1	ESE	1	bc+	53	85	6	-	-	0	ACu	7	3
Guernsey (Fort George) ‡	296														1023·6	+1	NNW	1	b	59	97	5	-	-	0	-	0	0

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.-17h. 2nd	Rainfall.† Night 17h.-9h. 1st-2nd	Rainfall.† Day 9h.-17h. 2nd	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset. 1st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bc	bc	45	66	-	-	9·3	7·0
Douglas (I. o. M.)	bbc	bbc	46	65	-	-	!	8·9
Llandudno	b	bcb	47	68	-	-	10·3	11·3
Colwyn Bay	b	b	47	67	-	-	11·0	12·0
Rhyl	bc	bc	50	69	-	-	10·7	11·5
Wallasey	bzb	bbcc	51	70	-	-	8·8	7·0
Southport	mb	bc	*44	68	-	-	8·9	7·4
Blackpool	bcb	bbc	46	70	-	-	8·6	7·7
Ilkley	b	b	43	72	-	-	9·0	0·6
Cleethorpes	b	b	46	73	-	-	10·0	3·2
Skegness	bcb	b	51	69	-	-	9·3	6·4
Aberystwyth	bbc	b	49	69	-	-	10·5	12·6
Bath	b	b	46	73	-	-	10·4	8·6
Cheltenham	b	b	50	71	-	-	10·6	9·3
Leamington Spa	b	bbc	45	71	-	-	10·2	7·5
Lowestoft	b	b	54	67	-	-	11·0	12·4
Harwich & Dovercourt	bv	bv	57	67	-	-	11·5	10·2
Maldon	b	b	43	66	-	-	10·4	9·6
Southend	b	b	51	68	-	-	11·3	11·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	b	56	66	-	-	10·7	11·6
Bude	mb	b	46	73	-	-	10·5	12·5
Penzance	b	bz	55	69	-	-	10·5	9·4
Paignton	bmw	b	48	66	-	-	10·1	11·9
Torquay	b	b	53	68	-	-	10·5	12·2
Jersey	b	b	55	72	-	-	11·0	7·0
Weymouth	b	b	53	68	-	-	11·9	12·6
Bournemouth	b	b	47	70	-	-	10·5	11·3
Ventnor	bz	bz	57	65	-	-	11·1	12·7
Portsmouth (S'thsea)	b	b	51	69	-	-	11·[illegible]	12·2
Bognor	b	b	50	67	-	-	11·0	11·2
Littlehampton	b	b	48	66	-	-	11·1	11·5
Worthing	b	b	49	69	-	-	10·9	11·5
Brighton	b	b	49	70	-	-	10·9	11·4
Eastbourne‡	cb	b	51	67	-	-	10·8	10·3
Hastings‡	mb	b	50	68	-	-	11·3	11·2
Folkestone	b	b	55	68	-	-	10·6	11·2
Dover	yb	b	57	69	-	-	10·9	11·7
Tunbridge Wells	b	b	45	70	-	-	11·2	11·6
Ramsgate	b	b	58	67	-	-	10·8	11·8
Margate	b	b	56	65	-	-	10·8	11·7
Deal	b	b	57	69	-	-	9·8	10·0

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

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 11h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24393 TUESDAY 4TH SEPTEMBER 1928. Page 1.

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

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.† 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	1007.9	+2	W	2	c	57	97	8	2500	St.Cu	6	A.Cu.	9	•
Stornoway	1009.7	0	W	3	c	60	75	7	4000	Cu.Nb	6	Ci.St.	8	•
Wick	1011.6	+3	SW	2	c	59	75	8	1500	St.Cu	6	Ci.St.	8	•
Tiree	1011.7	0	NNW	3	c	60	85	8	1500	St.Cu	8	-	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.1	0	SW	3	c	64	75	7	1500	St.Cu	10	-	10	1
Malin Head	1011.9	0	NW	2	odd	59	97	5	2500	Nb.	10	-	10	•
Renfrew	1012.7	-1	SSW	5	o/c	61	92	6	800	Nb.	10	-	10	2
Edinburgh (Inchkeith)	1012.4	-1	SW	4	c/r	60	92	8	1500	St.	6	A.St.	10	•
Leuchars	1012.2	0	SSW	4	cr	61	97	7	1500	Nb.	10	-	10	1
Eskdalemuir	1014.4	-1	SW'S	5	odd	58	97	6	800	St.	10	-	10	2
Tynemouth	1015.2	-1	SW	3	q/p	62	85	6	1500	Nb.	10	-	10	•
Blacksod Point	1012.4	0	SW	3	odd	61	97	5	•	Nb.	10	-	10	•
Donaghadee	1015.0	0	SW	3	c+	63	92	7	1500	St.Cu	9	-	9	•
Birr Castle	1015.5	•	S	3	cr	64	85	7	1500	Nb	4	A.St.	10	•
Holyhead	1018.0	-1	SSW	5	cr	61	97	6	800	Nb	8	A.St.	10	5
Liverpool (Bidston)	1018.9	-1	SW	3	c/p	64	75	7	2500	Cu.	2	Ci.St.	10	•
Chester (Sealand)	1019.0	0	SW	2	c+	65	75	7	2500	Cu.	6	A.St.	10	1
Harrogate	1018.1	-1	SW'S	4	c	63	65	7	5700	Nb.	8	A.St.	10	•
Spurn Head	1019.4	-2	SW	4	c	67	65	7	5700	St.Cu	5	A.St.	8	•
Birmingham (Edgbaston)	1021.2	-1	SSW	3	c+	67	55	8	4000	St.Cu	9	-	9	1
Cranwell	1020.7	-2	SW'S	4	c	70	65	7	5700	St.Cu	3	A.Cu	9	0
Gorleston	1023.0	-1	SSE	5	c+	62	75	6	-	-	0	Ci.Cu	9	•
Valentia (Cahirciveen)	1017.5	-1	S	4	cd	62	92	6	800	St.	10	-	10	5
Roches Point	1019.7	0	SW	3	c	62	92	7	1500	St.Cu	10	-	10	•
Pembroke (St. Ann's H.)	1021.1	0	SW	3	c	62	85	8	1500	St.Cu	6	A.St.	9	•
Ross-on-Wye	1021.1	0	SW	4	bc	69	55	7	4000	St.Cu	2	A.Cu.	7	0
Leafield	1021.8	-1	SSW	3	bc	68	45	8	-	-	0	A.Cu.	5	0
Winchester (Worthy Dn.)	1022.5	-2	SSW	3	bc	72	35	7	-	-	0	Ci.	5	0
S. Farnborough	1022.3	-2	SW'S	3	bc	72	45	7	-	-	0	Ci.	4	0
London (Kew Obsy.)	1023.0	-1	SW'S	3	b	69	55	7	-	-	0	Ci.	1	0
Croydon	1023.2	-1	SW'W	3	b	72	45	7	-	-	0	Ci.	2	0
Shoeburyness	1022.5	0	S	3	bc	70	75	7	-	-	0	A.Cu	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1023.5	-1	SE	4	bc	69	55	7	-	-	0	Ci.	5	0
Lympne	1024.0	0	SE	2	b-	67	55	6	-	-	0	Ci.	2	0
Scilly (St. Mary's)	1022.8	0	W	2	b	66	75	7	4000	Cu.	2	-	2	•
Falmouth (Pendennis)	1023.1	-1	SW'W	4	bc	70	75	7	4000	St.Cu	2	Ci.	3	•
Plymouth (Cattewater)	1023.1	-1	SSW	3	b	68	75	7	-	-	0	Ci.	1	0
Portland Bill	1023.1	+1	S	2	bc-	65	75	6	4000	St.Cu	2	Ci.	3	•
Southampton (Calshot)	1023.3	-1	SW'S	3	bc+	73	55	7	-	-	0	A.Cu.	5	0
Dungeness	1024.6	0	S	1	bc-	68	65	7	2500	Cu.	1	Ci.Cu	5	•
Guernsey (Fort George)	1023.9	0	ESE	1	b	66	75	7	4000	Cu.	1	-	1	•

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.† 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form	Total Amt. 0-10	State. 0-9
Lerwick	1009.1	0	SW	1	bc	55	85	8	1500	Cu	3	Ci.Cu.	7	•
Stornoway	1009.8	0	W	2	c	57	75	7	4000	St.Cu	10	-	10	1
Wick	1010.3	0	SSE	1	c	55	97	8	2500	St.Cu	6	A.St.	10	0
Tiree	1011.9	0	W	3	c	58	85	8	1500	Cu.Nb	4	A.Cu.	8	1
Nairn	1010.2	•	-	0	bc	60	85	8	2500	Cu.	6	-	6	•
Aberdeen	1011.1	-1	-	0	bc	54	92	6	800	Nb.	4	Ci.Cu.	7	0
Malin Head	1011.5	0	N	1	odd	58	97	5	2500	Nb	10	-	10	1
Renfrew	1012.2	0	SW	3	od	62	92	5	800	Nb.	10	-	10	•
Edinburgh (Inchkeith)	1012.2	-1	SW	4	o/c	60	97	8	800	St.	10	-	10	2
Leuchars	1011.8	-1	SSW	4	c	63	92	7	1500	St.	9	-	9	•
Eskdalemuir	1013.8	0	SSW	4	od	57	97	2	450	St.	10	-	10	•
Tynemouth	1013.9	-1	SW	3	c/r	62	85	7	1500	Nb.	8	-	8	1
Blacksod Point	1012.3	0	SW	3	od+	60	97	6	•	Nb.	10	-	10	1
Donaghadee	1014.5	-1	SW	3	c+	63	85	7	1500	St.Cu.	9	-	9	2
Birr Castle	1014.3	•	SW	3	c	63	92	7	1500	Nb	3	A.St.	10	•
Holyhead	1016.9	-1	SSW	4	c/r	59	97	6	800	St.	1	A.St.	9	2
Liverpool (Bidston)	1018.2	-2	SW	2	c/p	62	75	8	1500	Cu.Nb.	4	A.St.	8	•
Chester (Sealand)	1018.1	-1	SSE	2	c	63	75	8	4000	St.Cu.	9	-	9	•
Harrogate	1017.8	-1	SSW	2	c	63	75	7	4000	Nb	8	A.St.	10	•
Spurn Head	1018.6	-1	SSW	3	c	65	75	7	5700	St.Cu.	5	A.St.	8	1
Birmingham (Edgbaston)	1020.2	0	SSW	3	c	65	55	8	-	-	0	A.St.	9	•
Cranwell	1019.8	-1	SSW	3	c+	67	86	7	4000	St.Cu	7	~~A.St.~~	10	• Ci.St
Gorleston	1021.0	-2	SW	4	c	65	65	6	5700	St.Cu.	3	A.Cu.	9	1
Valentia (Cahirciveen)	1016.4	-1	SW	5	od	61	97	5	4000	St.	10	-	10	3
Roches Point	1018.5	-1	SW	3	c	62	92	7	1500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	1019.7	-1	SSW	4	bc	61	92	8	1500	St.Cu.	5	A.Cu	7	1
Ross-on-Wye	1020.1	-1	WSW	3	bc	66	65	8	4000	St.Cu.	5	Ci.	7	•
Leafield	1020.4	-2	SW	2	bc	66	65	8	5700	St.Cu.	7	-	7	•
Winchester (Worthy Dn.)	1022.5	0	SE	3	c	65	55	7	-	-	0	Ci.	9	•
S. Farnborough	1022.4	0	SW	3	c	65	65	7	7200	St.Cu	5	A.Cu	8	•
London (Kew Obsy.)	1022.2	0	SW'S	3	c+	67	65	8	-	-	0	A.St.	8	•
Croydon	1022.1	-1	SSW	3	c	65	55	7	7200	St.Cu.	2	A.Cu	9	•
Shoeburyness	1022.3	-1	SE	3	c	66	65	7	-	-	0	Ci.	8	•
Clacton-on-Sea	1022.0	-2	S	3	bc	66	75	6	5700	Cu.	4	Ci.St.	7	2
Felixstowe	1022.0	-1	SW	3	c+	65	85	7	5700	St.Cu	4	A.Cu.	9	3
Lympne	1023.4	0	SSW	2	c	60	65	6	-	-	0	Ci.	8	•
Scilly (St. Mary's)	1022.4	0	SW	2	b	65	85	7	-	-	0	-	0	1
Falmouth (Pendennis)	1022.7	0	W	3	bc	66	97	7	4000	St.Cu	2	Ci.	3	0
Plymouth (Cattewater)	1022.5	-1	S	3	b	63	85	6	-	-	0	Ci.	1	0
Portland Bill	1022.5	-1	SSW	3	bc+	63	75	6	2500	St.Cu	6	Ci.	7	1
Southampton (Calshot)	1022.9	0	SSW	3	bc	67	65	7	-	-	0	Ci.	7	0
Dungeness	1023.5	-3	SW	1	c+	63	65	7	-	-	0	Ci.Cu	8	2
Guernsey (Fort George)	1023.5	-1	-	0	b	64	65	7	-	-	0	Ci.	1	0

LONDON OBSERVATIONS.

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

	Heights above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperatures. Max. Day. °F.	Min. Night. °F.	Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 18h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.
Kew	18	cfwby	byby	bcwgw	71	51	40	-	-	8.5	*	*	7
Croydon	244	cbcby	bbcy	cybwy	72	53	49	-	-	9.5	*	*	7
Greenwich (Royal Obsy.)	149	cby	byc	cbwby	76	52	38	-	-	8.7	45	52	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	8.1	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	73	52	49	-	-	8.7	44	53	•
Regent's Pk. (Botanic Gdns.)	188	•	•	•	•	•	•	•	•	7.5	•	•	•
Camden Square	110	bcb	bc	•	77	54	*	-	-	•	•	60	•
Kensington Palace	80	b	bc	•	75	51	43	-	-	•	(At 18h.) 51	59	•
Hampstead Observatory	450	•	•	•	72	51	43	-	Tr.	8.3	•	65	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 4TH

South Kensington	Max.	Time.	Min.	Time.
	1.3	8h. 30m.	<0.3	14h. 30m.

Kew Observatory	Max.	Time.	Min.	Time.
	0.2	8h. 30m.	<0.1	16h. 30m.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 3RD 19h. 45m. to 4TH 04h. 18m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8 30	7 50	92
Ursae Minoris	8 30	7 45	91

CODE FOR STATE OF GROUND.

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

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

4TH-15TH AUG., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.10	11.57	18.33
	5.11	11.57	18.31
Greenwich	5.18	11.59	18.39
	5.20	11.59	18.36
Wick	5.19	12.11	19.3
	5.21	12.11	19.0
Valentia	5.59	12.40	19.21
	6.0	12.40	19.18

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

SEA DISTURBANCE.

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

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

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

‡ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

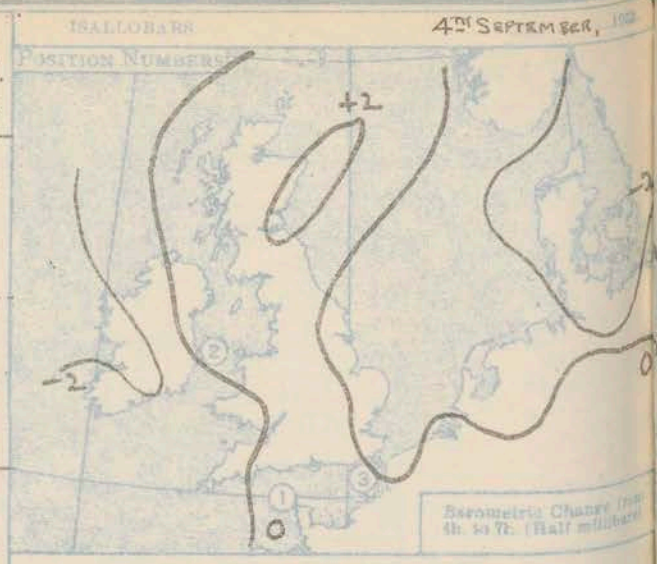
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ "
6. Moderate.	6½ "
7. Good.	13¾ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 3RD	Weather. 18h.-18h. 3RD	Weather. 18h. 3RD to 1h. 4TH	Weather. 1h.-7h. 4TH	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 3RD Hours.
Lerwick	orrc	cbc	bcc	cbcw	58	52	•	1	<8·00	-	-	5·1
Stornoway	r-d	c	c	c	61	53	•	0·3	<8·00	-	-	3·9
Wick	ctrc	c	bbc	c	59	47	•	0·6	<8·00	-	-	•
Tiree	oc	bco	c	copr	61	54	50	-	-	0·1	3·30	0·9
Nairn	bc	bcopr	bcc	c	65	52	•	2	11·30	-	-	1·5
Aberdeen	ctrc	cotrc	crcor	rc	65	53	51	1	<8·00	1	<21·00	0·1
Malin Head	cDirom	orrDmm	oddomc	cr	61	55	•	9	<8·00	2	<21·00	0·0
Renfrew	rorrq	orrdm	ocdc	corrrmc	62	56	55	5	<8·00	1	<21·00	0·0
Edinburgh (Inchkeith)	p	oirir	ppr	frirr	62	57	56	3	<8·00	2	<21·00	0·2
Leuchars	ctrq	ctrc	c	crrrr	64	57	56	1	<8·00	1	24·00	0·1
Eskdalemuir	oddm	odorm	ofid	oddm	59	56	57	10	<8·00	13	<21·00	0·0
Tynemouth	oir	oir	co	oir	63	60	56	2	<8·00	0·6	4·30	•
Blacksod Point ...	Dod	odod	cp p	rr	62	55	•	5	•	8	•	•
Donaghadee	oirc	ctrc	ctr	cirm	65	55	•	2	<8·00	6	<21·00	•
Birr Castle	ctr	ctrc	cir	cm	66	60	56	1	<8·00	0·6	22·00	0·0
Holyhead	cm	rcrrm	irirq	RR r	62	59	59	1	10·30	9	<21·00	0·0
Liverpool (Bidston) ...	cp	pbc	ccq	c	64	60	58	0·1	11·00	-	-	0·0
Chester (Sealand) ...	c	ctrc	cq	c	67	62	59	Tr.	13·30	-	-	0·4
Harrogate	c	ctr	cbc	c	64	53	57	Tr.	11·30	-	-	0·1
Spurn Head	c	c	cbc	bcc	70	58	•	-	-	-	-	0·4
Birmingham (Edgbaston)	bbc	c	c	cbc	70	56	53	-	-	-	-	4·9
Cranwell	c	c	cbc	bcc	72	57	54	-	-	-	-	3·4
Gorleston	bcc	c	cbcb	b	68	56	53	-	-	-	-	4·1
Valentia (Cahirciveen)	ctrd	ctrd	oidr	oido	62	60	57	1	9·00	3	<21·00	0·0
Roches Point	ctrc	cz	cz	cz c	63	60	•	0·1	9·00	-	-	•
Pembroke (St. Ann's H.)	c	cbc	bc	bc	64	59	•	-	-	-	-	2·7
Ross-on-Wye	cbc	cbcc	bccb	bcbbc	71	59	53	-	-	-	-	3·5
Leafield	cbc	bcc	cbcb	bw	71	51	48	-	-	Tr.	-	6·4
Winchester (Worthy Dn.)	bcy	cy	cybcb	bmw	74	46	40	-	-	Tr.	-	9·3
S. Farnborough ...	cbcy	bcyc	cb	bw	74	50	35	-	-	-	-	9·5
London (Kew Obsy.) ...	cfwby	bybcy	bc	bmw	71	51	40	-	-	-	-	8·5
Croydon	cbcbz	bbccy	cybw	bwm	72	53	49	-	-	-	-	9·5
Sheerness	b	bcc	c	bcb	73	55	46	-	-	-	-	9·0
Clacton-on-Sea ...	bc	bcx	bczc	cbc	67	58	53	-	-	-	-	8·10
Felixstowe	bcy	bcyc	c	cbcm	69	57	53	-	-	-	-	8·0
Lympne	bmz	bbcz	cbcbm	bwm	69	54	49	-	-	Tr.	-	9·6
Scilly (St. Mary's) ...	cbcb	b	bbyif	bcoff	69	57	•	-	-	-	-	11·3
Falmouth (Pendennis)	Fmbc	bc	bcf	bcfwc	71	57	•	-	-	0·1	21·00	11·7
Plymouth (Cattewater)	bcmb	bz	bomb	bfc	68	54	50	-	-	0·1	-	11·1
Portland Bill	bcz	bcz	bcbz	bz	67	60	•	-	-	-	-	•
Southampton (Calshot)	b-bc	bcy	bccbw	bw	74	55	40	-	-	Tr.	-	10·6
Dungeness	bczbc	bcc	cbc	bc	68	60	•	-	-	-	-	•
Guernsey	bz	b	b	b	68	59	•	-	-	-	-	

Sun 3RD Hours.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	3RD 10h	Scotia	S'E	5	C+	60	57
1	3RD 12h	St Helier	-	0	C	63	62

General Inference.

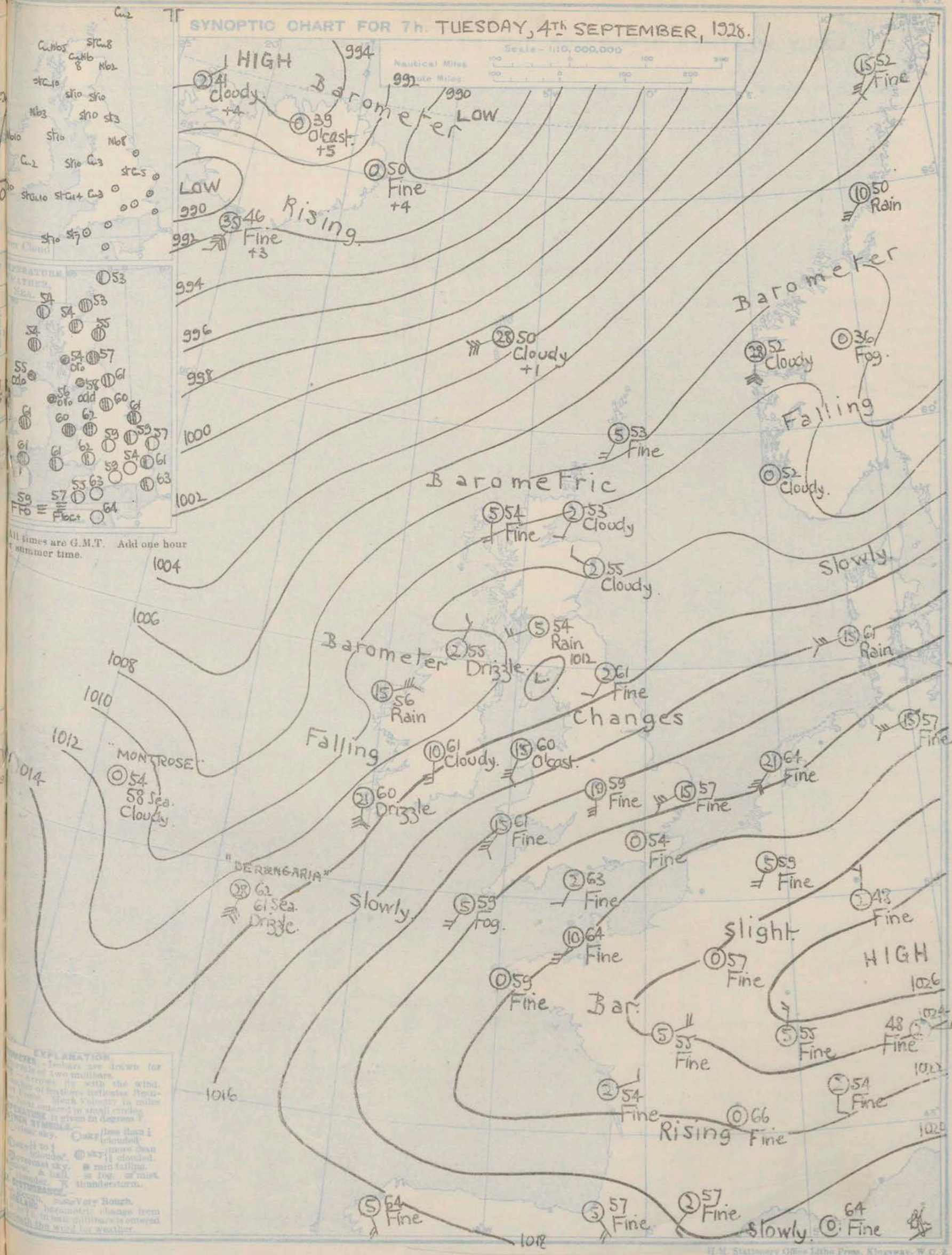
A depression centred to the northeast of Iceland is filling up but secondaries to it will move northeastwards across the British Isles. Further rain is likely in western and northern districts and the unsettled conditions will spread slowly to all districts later though the deterioration in Eastern and Southeastern England will only be of brief duration.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 4th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Moderate to fresh southwesterly to southerly winds; fair or fine at first; less settled later perhaps with some rain; warm.	Bright intervals and showers; cooler.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate to fresh southwesterly to southerly winds; cloudy; some rain later; warm.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds at first becoming moderate to fresh southwesterly or southerly, cloudy; some rain; rather warm.	
13. A.W. Scotland, B.N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland	Moderate southwesterly winds backing to southerly and freshening somewhat; cloudy; some rain; rather warm.	
16. Orkneys and Shetlands	Moderate southwesterly wind; cloudy; perhaps some rain later; rather warm.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate to fresh southerly winds; veering later, cloudy. some rain at first; brighter intervals and showers later; warm today, cooler tomorrow.	WMP.

§ For code see page 1

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

SYNOPTIC CHART FOR 7h. TUESDAY, 4th SEPTEMBER, 1928.



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. TUESDAY 4TH SEPTEMBER 1928. No. 248

Stations	Height above M.S.L. in feet	1h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1008.2	-1	SW	2	c	53	92	8	2500	St.Cu	5	A.Cu	8	1007.2	0	SW	2	bc	53	92	8	1500	Cu	2	Ci.Cu	5	•
Stornoway	30	1010.3	0	WSW	2	c	•	•	7	•	•	•	•	9	1009.2	0	S	2	bc	54	85	7	4000	Cu.Nb	5	A.Cu	7	1
Wick	81	1010.1	0	WNW	1	bc	49	92	8	2500	St.Cu	4	Ci.St	7	1010.3	0	SW	1	c	53	92	8	1500	St.Cu	8	Ci.St	10	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.7	0	W	1	c	54	97	7	1500	St.Cu	10	-	10	1
Nairn	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.4	•	-	0	c+	54	85	8	2500	Cu.Nb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.8	+2	WNW	1	c	55	92	7	1500	Nb	2	A.St	10	0
Malin Head	81	1012.5	0	W	2	cr₀	57	97	7	4000	St.Cu	10	-	10	1011.9	0	NE	1	cd₀	55	97	7	4000	Nb	3	A.St	10	2
Renfrew	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.6	+1	WSW	2	or₀	57	92	6	4000	St	10	-	10	•
Edinburgh (Inchkeith)	180	1011.4	0	WSW	r'	fo+	59⁵	97	2	<150	Nb	10	-	10	1012.4	+2	WSW	2	o	57	97	6	1500	St	10	-	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.0	+2	W	2	c/r	59	97	8	1500	St.Cu	6	A.St	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+1	SSW	3	odd	58	97	6	220	St	10	-	10	•
Tynemouth	87	1013.0	-2	SW	3	o	62	85	7	1500	Nb	10	-	10	1013.1	+1	SW	1	bc/r	61	85	6	1500	St	3	A.Cu	5	1
Blacksod Point	18	1012.8	0	-	0	c/PR	58	92	7	•	Nb	8	-	8	1010.6	-2	E'N	4	or₀b	56	92	6	•	Nb	10	-	10	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	+1	NE	1	or₀	56	97	5	1500	St	10	-	10	1
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.6	•	S	3	c	61	85	6	1500	Cu	2	A.St	10	•
Holyhead	26	1015.6	-1	SW'S	5	or₀+	60	97	6	800	Nb	10	-	10	1015.1	+1	SW'S	4	o	60	97	6	800	St	10	-	10	4
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.1	0	S	4	c-	62	85	8	2500	Cu	3	A.St	8	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.1	0	SSW	4	c	63	85	8	1500	St	8	A.Cu	9	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	0	SW	4	c	60	85	7	4000	Nb	8	Ci.Cu	9	•
Spurn Head	29	1016.6	-1	SSW	4	bc	60	85	7	-	-	0	A.Cu	5	1015.9	-1	SW	5	c	61	85	7	-	-	0	A.St	8	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.6	0	S	3	b	59	85	8	-	-	0	A.Cu	2	•
Cranwell	236	1019.0	-2	SW	3	bc-	59	92	6	4000	St.Cu	3	-	3	1018.0	0	SW	4	bc	59	92	6	4000	St.Cu	5	A.Cu	7	•
Gorleston	14	1020.2	-1	SW	3	b-	59	75	7	-	-	0	Ci	1	1019.0	-1	SW'W	4	b	57	75	6	-	-	0	Ci	1	0
Valentia (Cahirciveen)	30	1016.7	0	SW	2	odd	60	97	4	*	St	10	-	10	1013.2	-1	S	5	od	60	97	6	450	St	10	-	10	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.4	-2	SW	3	c	61	97	7	1500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	180	1018.7	-1	SW	4	bc	61	97	8	1500	St.Cu	6	-	6	1018.0	-1	SW	4	bc-	61	97	8	1500	St.Cu	4	-	4	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.7	0	SW	3	bc	62	85	6	4000	Cu	3	-	3	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	~~1021.6~~ 1020.1	0	SW	2	bc+	55	92	7	4000	St.Cu	6	-	6	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	-1	SSE	2	b	52	97	5	-	-	0	-	0	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.8	0	SW	3	b	59	75	7	-	-	0	-	0	•
London (Kew Obsy.)	18	•	•	•	•	•	56	•	•	•	•	•	•	•	1021.2	+1	-	0	b	54	92	5	-	-	0	-	0	•
Croydon	244	1021.4	-1	SSW	3	b	55	85	7	-	-	0	Ci	1	1020.8	+1	SSW	4	b	58	75	6	-	-	0	Ci	1	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	0	SW	3	b	60	85	7	-	-	0	Ci.Cu	2	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.9	0	SSW	4	bc	61	75	7	-	-	0	Ci	4	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	0	SW	2	bc	59	75	6	-	-	0	Ci	3	1
Lympne	350	1022.7	-1	SW	2	b	56	85	6	-	-	0	Ci	2	1021.7	0	SW'W	2	b-	59	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	163	1020.8	-2	SSW	2	fbc-	58	97	3	450	St	4	-	4	1019.7	-1	SW'S	2	FFo	59	97	1	450	St	10	-	10	1
Falmouth (Pendennis)	200	1022.0	-1	SW	1	Fbc+	60	97	0	<150	St	5	-	5	1020.9	-1	-	0	Fbc+	57	97	0	<150	St	7	-	7	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.1	0	E	2	b	55	97	5	-	-	0	Ci	1	0
Portland Bill	52	1021.7	0	WSW	3	b	62	75	6	-	-	0	-	0	1020.9	0	SW	1	b	63	75	6	-	-	0	-	0	0
Southampton (Calshot)	10	1022.2	-1	WSW	3	b-	58	85	7	-	-	0	Ci	1	1021.4	+1	SSW	2	b	58	85	7	-	-	0	-	0	0
Dungeness	20	1022.3	-3	SW	3	bc-	62	75	7	-	-	0	Ci.Cu	3	1022.1	+1	SW	3-	bc	63	85	6	-	-	0	Ci.St	5	2
Guernsey (Fort George) ℞	295														1021.9	0	SW	3	b	64	65	7	-	-	0	-	0	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3RD SEPTEMBER.

Stations (1)	Weather: Forenoon (2)	Weather: Afternoon (3)	Temperature: Min. 9h. 2nd to 9h. 3rd (4) °F	Temperature: Max. 9h.-17h. 3rd (5) °F	Rainfall: Night 17h.-9h. 2nd-3rd (6) mm.	Rainfall: Day 9h.-17h. 3rd (7) mm.	Sunshine: Sunrise to 17h. 3rd (8) hr.	Sunshine: Sunrise to Sunset 2nd (9) hr.
Berwick-on-Tweed	cpr₀	co	55	64	-	1	0.0	9.3
Douglas (I. o. M.)	or₀m₀	oRR	58	60	1	3	0.0	10.5
Llandudno	c	opc	59	67	-	Trace	0.5	11.2
Colwyn Bay	cbcoc	cdcoc	61	65	-	:	0.1	11.5
Rhyl	cbc	cbcpbc	56	65	-	0.3	0.1	11.6
Wallasey	c	cp₀	57	66	-	Trace	0.0	9.9
Southport	oco	op₀oc	55	66	-	0.2	0.3	9.0
Blackpool	co	opc	55	63	-	Trace	0.0	8.9
Ilkley	c	c	50	65	-	-	0.2	9.2
Cleethorpes	o	o	52	72	-	-	0.0	10.0
Skegness	cbc	cbc	53	73	-	-	3.1	10.6
Aberystwyth	bcc	bcc	55	65	-	-	1.5	11.5
Bath	cbc	cbcb	44	76	-	-	5.6	12.1
Cheltenham‡	b	bcc	52	73	-	-	8.5	12.0
Leamington Spa	bc	cb	47	72	-	-	5.7	11.6
Lowestoft	bccbc	bcc	54	69	-	-	5.3	11.2
Harwich & Dovercourt	bcz	bcz	52	70	-	-	8.6	12.2
Maldon	zbbc	bbc	39	75	-	-	7.1	11.7
Southend	b	bbc	54	78	-	-	9.7	12.3
Ilfracombe	bcb	b	57	68	-	-	9.7	12.0
Bude	wb	b	52	69	-	-	11.0	11.5
Penzance	b	bbz	52	73	-	-	9.8	11.5
Paignton	wbcz	b	46	74	-	-	10.6	11.5
Torquay	bwmb	by	51	75	-	-	9.9	11.7
Jersey	b	b	52	69	-	-	10.2	12.3
Weymouth	b	b	47	71	-	-	10.6	12.3
Bournemouth	b	b	45	73	-	-	10.5	11.7
Ventnor	bz	bbcz	57	70	-	-	10.7	12.3
Portsmouth (S'thsea)	b	b	51	70	-	-	10.5	12.1
Bognor	b	b	51	69	-	-	10.0	12.1
Littlehampton	bc	bc	50	67	-	-	10.2	12.4
Worthing	bbc	bbc	50	72	-	-	9.7	12.0
Brighton	b	b	50	69	-	-	10.0	12.1
Eastbourne‡	b	bbc	49	69	-	-	9.3	11.9
Hastings‡	b	bbc	53	68	-	-	9.8	12.4
Folkestone	wcbc	bc	49	72	-	-	9.3	11.4
Dover	bc	bc	47	68	-	-	9.9	11.8
Tunbridge Wells	b	b	44	72	-	-	9.5	12.2
Ramsgate	b	bbc	55	68	-	-	10.0	11.6
Margate	bc	bc	54	70	-	-	10.0	12.0
Deal	bbcb	b	47	73	-	-	8.6	9.8

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24394 WEDNESDAY, 5TH SEPTEMBER 1928. Page 1.

Observations at 15h. G.M.T. 4TH (columns marked 15h) — Observations at 18h. G.M.T. 4TH (columns marked 18h)

STATIONS. (For heights see p. 4).	15h Barom. at M.S.L. mb.	15h Change in 3 Hours‡	15h Wind Direc.	15h Wind Force 0-12	15h Weather	15h Temp. °F.	15h Humidity %	15h Visibility§ 0-9	15h Low Cloud Height Feet	15h Low Cloud Form	15h Low Cloud Amt. 0-10	15h Upper Form	15h Total Amt. 0-10	State of ground	18h Barom. at M.S.L. mb.	18h Change in 3 Hours‡	18h Wind Direc.	18h Wind Force 0-12	18h Weather	18h Temp. °F.	18h Humidity %	18h Visibility§ 0-9	18h Low Cloud Height Feet	18h Low Cloud Form	18h Low Cloud Amt. 0-10	18h Upper Form	18h Total Amt. 0-10	Sea 0-9
Lerwick	1009.2	0	WSW	2	c	56	85	8	1500	Cu.	8	-	8	*	1009.7	0	SW	2	c	55	92	8	2500	St.Cu.	6	C.St.	9	*
Stornoway	1009.8	0	W	3	c	60	65	7	4000	Cu.Nb.	10	-	10	*	1010.1	+1	SW	3	c	56	85	7	4000	Cu.Nb.	10	-	10	2
Wick	1010.6	0	SSW	2	c	58	85	8	2500	St.Cu.	6	A.St.	10	*	1011.5	0	SSW	1	crofo	54	97	8	1500	Nb.	8	A.St.	10	0
Tiree	1011.6	0	S	3	oro	56	85	9	2500	Nb.	10	-	10	1	1010.3	-2	N	2	orofo	53	97	8	1500	Nb.	10	-	10	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.5	*	-	0	crr	54	92	7	800	Nb.	9	-	9	*
Aberdeen	1012.6	+1	S	2	c	58	85	8	1500	Cu.	2	A.St.	10	1	1012.0	-1	E	1	orr	52	97	6	800	Nb.	10	-	10	0
Malin Head	1010.1	-2	E	5	cdd	55	97	6	2500	Nb.	6	A.St.	10	*	1009.3	-1	NNE	4	crr	54	97	6	4000	Nb.	8	A.St.	10	4
Renfrew	1012.3	-1	ENE	1	mmo	57	92	4	800	St.	10	-	10	2	1009.9	-3	NE	2	orr	58	97	3	450	Nb.	10	-	10	*
Edinburgh (Inchkeith)	1012.5	0	SW	1	For	54	97	1	<150	Nb.	10	-	10	*	1010.8	-3	ENE	1	Fo-	57	97	1	<150	Nb.	10	-	10	0
Leuchars	1012.8	+1	ENE	1	o/r	57	92	8	1500	St.	10	-	10	1	1010.6	-3	NE	1	oDD	55	97	5	220	Nb.	10	-	10	6
Eskdalemuir	1012.5	0	SSW	4	odd	59	97	5	450	St.	10	-	10	2	1011.7	-1	SW	6	od-	57	97	6	220	St.	10	-	10	*
Tynemouth	1013.5	0	SW	3	bc	66	75	7	1500	Cu.	4	A.Cu.	5	*	1012.6	-2	WSW	4	bc	64	75	8	1500	Cu.	4	-	4	2
Blacksod Point	1008.5	-2	W	2	oRR	60	97	5	*	Nb.	10	-	10	*	1010.0	+1	NW	4	orr	55	97	5	*	Nb.	10	-	10	5
Donaghadee	1013.1	-2	SW	3	c/r	62	92	7	4000	St.Cu.	9	-	9	*	1011.8	-2	SW	3	c	62	85	7	2500	St.Cu.	8	-	8	2
Birr Castle	1012.4	*	S	4	c	64	85	7	1500	St.	6	A.St.	10	*	1010.9	*	S	4	bc-	65	75	8	4000	Cu.	6	-	6	*
Holyhead	1015.2	-1	SSW	5	c	62	92	8	2500	St.Cu.	9	-	9	1	1014.4	-1	SSW	4	bc-	61	92	8	1500	St.Cu.	7	-	7	4
Liverpool (Bidston)	1015.9	-1	SW	5	bc-	68	65	8	1500	St.	2	C.Cu.	5	*	1015.0	-2	SW	3	b-	69	55	8	-	-	0	-	0	*
Chester (Sealand)	1016.3	0	SW	4	bc-	71	55	9	1500	Cu.	3	A.Cu.	6	0	1014.4	-2	SSW	3	b-	70	55	8	-	-	0	-	0	*
Harrogate	1015.2	0	SWW	5	bc	70	65	7	-	-	0	A.Cu.	4	*	1014.9	-1	SSW	1	b	66	75	7	4000	Cu.	1	-	1	*
Spurn Head	1016.1	0	SW	4	bc	73	65	7	-	-	0	A.Cu.	4	*	1015.8	0	SWS	4	bc	70	75	6	-	-	0	A.St.	3	2
Birmingham (Edgbaston)	1018.1	-1	SW	3	bc	73	55	8	4000	Cu.	3	-	3	0	1017.0	-1	S	3	b	71	55	8	-	-	0	-	0	*
Cranwell	1017.5	-1	SWW	4	b	72	75	6	4000	Cu.	1	A.Cu.	2	0	1016.9	-1	SSW	3	b	69	85	7	-	-	0	-	0	*
Gorleston	1013.2	-2	SWW	4	b	77	45	7	-	-	0	-	0	*	1017.2	0	SW	1	b	73	35	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1012.5	-1	SE	5	cdo	61	92	6	800	St.	10	-	10	1	1010.6	-2	SE	5	oro	61	92	5	800	St.	10	-	10	3
Roches Point	1015.5	-2	W	3	c-	64	85	8	1500	St.Cu.	6	C.Cu.	8	*	1014.2	-3	W	4	c	62	92	8	1500	St.Cu.	9	-	9	4
Pembroke (St. Ann's H.)	1017.5	0	S	4	c+	62	92	7	1500	St.Cu.	9	-	9	*	1016.1	-2	S	2	b-	62	92	6	-	-	0	A.St.	1	1
Ross-on-Wye	1018.1	0	SW	4	b	71	55	7	-	-	0	-	0	0	1016.7	-2	SSW	2	b	70	55	7	-	-	0	-	0	*
Leafield	1018.2	0	SWW	4	b	73	45	8	-	-	0	-	0	0	1017.8	-2	SW	3	b	69	55	8	-	-	0	-	0	*
Winchester (Worthy Dn.)	1019.8	-2	SSW	4	b	75	45	7	-	-	0	-	0	0	1019.1	-1	S	3	b	67	65	7	-	-	0	-	0	*
S. Farnborough	1019.7	-1	SW	4	b	78	35	7	-	-	0	-	0	0	1019.2	-1	SWS	2	b	70	55	7	-	-	0	-	0	*
London (Kew Obsy.)	1020.0	-2	SW	4	b	72	45	8	-	-	0	-	0	0	1019.2	0	SW	2	b	72	45	8	-	-	0	-	0	*
Croydon	1019.7	-2	WSW	4	b	77	35	8	-	-	0	-	0	0	1019.3	0	SW	2	b	69	55	7	-	-	0	-	0	*
Shoeburyness	1020.1	-1	SW	3	b	72	55	7	-	-	0	-	0	*	1018.9	-1	SW	3	b	69	65	7	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	-1	SW	3	b	70	55	7	-	-	0	-	0	2
Felixstowe	1019.5	-2	SW	4	b	74	45	7	-	-	0	-	0	0	1018.8	-1	SSW	4	b	71	55	8	-	-	0	-	0	4
Lympne	1021.0	0	SW	3	b	72	35	7	-	-	0	-	0	0	1020.1	-1	SSW	2	b	65	55	8	-	-	0	-	0	*
Scilly (St. Mary's)	1019.6	0	SW	4	b-	70	75	6	-	-	0	-	0	*	1016.6	-2	SE	4	b	65	75	7	-	-	0	-	0	1
Falmouth (Pendennis)	1020.1	-1	SSE	4	b	67	75	8	-	-	0	-	0	*	1017.7	-2	SSW	3	b	64	85	8	-	-	0	-	0	0
Plymouth (Cattewater)	1020.1	-1	S	3	b	69	55	8	-	-	0	-	0	0	1018.1	-3	S	2	b	66	45	8	-	-	0	-	0	0
Portland Bill	1020.5	0	S	1	b	66	75	6	-	-	0	-	0	*	1018.9	-2	NE	1	b	63	92	6	-	-	0	-	0	0
Southampton (Calshot)	1021.7	-1	SWS	4	b	75	35	7	-	-	0	-	0	0	1019.4	-1	SWS	2	b	70	55	7	-	-	0	-	0	0
Dungeness	1021.7	-2	SW	1	b-	67	85	6	-	-	0	-	0	*	1020.4	-3	W	2	b	66	65	7	-	-	0	-	0	2
Guernsey (Fort George)	1021.3	-1	SW	3	b	70	65	7	-	-	0	-	0	*	1019.1	-3	S	1	b	67	55	8	-	-	0	-	0	0

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

Station	Heights above M.S.L. in feet	Weather: Morning (24 hours ended 9h)	Weather: Afternoon	Weather: Night	Temperature: Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	by	by	bwffw	77	48	39	-	-	12.3	*	*	5
Croydon	244	b3oy	by	bybia	77	54	49	-	-	12.3	*	*	6
Greenwich (Royal Obsy.)	149	by	by	bwby	81	48	35	-	-	12.3	35	54	6
City (Bunhill Row)	36	*	*	*	*	*	*	*	*	11.4	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	79	53	-	-	-	11.9	36	53	*
Regent's Pk. (Botanic Gdns.)	160	*	*	*	*	*	*	*	*	10.3	*	*	*
Camden Square	110	b	b	*	82	52	-	-	-	*	*	74	*
Kensington Palace	20	b	b	*	80	51	43	-	-	*	(A) 18h 47	58	*
Hampstead Observatory	450	*	*	*	78	53	39	-	-	11.8	*	57	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 5TH

	Max.	Time.	Min.	Time.
South Kensington	1.0	7h 5th	<0.3	17h 4th
Kew Observatory	0.3	7h 5th	<0.1	12h 4th

POLE STAR RECORD at Greenwich Obsy. Exposure from 4TH 19h. 45m. to 5TH 4h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8.30	8.30	100
δ Ursae Minoris	8.30	8.30	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=Skiing to-day in 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (Ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 5TH & 6TH SEPT., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.11 / 5.13	11.52 / 11.51	18.31 / 18.29
Greenwich	5.20 / 5.21	11.59 / 11.58	18.36 / 18.34
Wick	5.21 / 5.23	12.11 / 12.11	19.0 / 18.57
Valentia	6.0 / 6.2	12.40 / 12.39	19.18 / 19.16

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

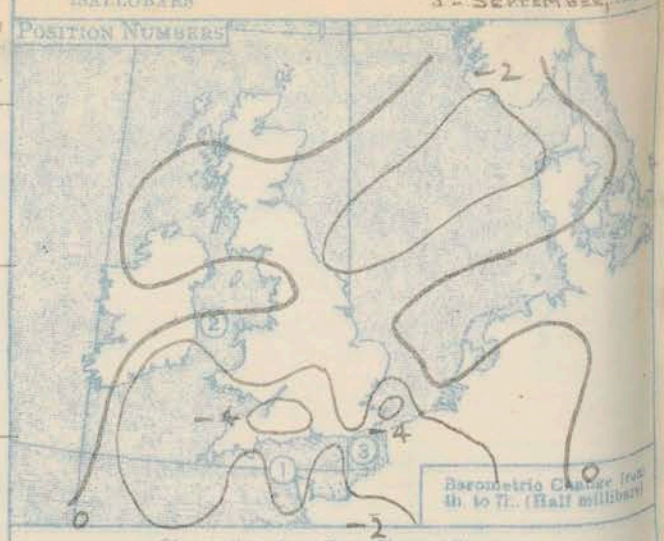
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 4th	18h.-18h. 4th	18h. 4th to 18h. 5th	18h.-7h. 5th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	began.	Night, 18h.-7h. mm.	began.	Sun 4th Hours.
Lerwick	c	c	cbc	bcc	58	51	•	–	–	–	–	1·7
Stornoway	o	o	c	c	61	45	•	–	–	–	–	0·7
Wick	c	c,r	c,r	R,r	58	49	•	0·6	15·30	6	<21·00	•
Tiree	ocp,r	r,r	r,rr	p,p	58	52	51	5	18·00	4	<21·00	0·0
Nairn	cpr	crr	rro	or	57	52	•	5	11·00	12	<21·00	0·0
Aberdeen	cir,c	corrm	orr,r,m	r,r,d,d,m	60	52	51	5	18·00	3	<21·00	0·0
Malin Head	cd,m	cidR	crrmmcR	cr	57	53	•	11	18·00	17	<21·00	0·0
Renfrew	cr,oz	oDrff	ofrr	odd,m	59	57	57	8	18·00	4	<21·00	0·0
Edinburgh (Inchkeith)	ofr,r	offr,Rr	ofr,rc	c	58	55	56	6	18·00	3	<21·00	0·0
Leuchars	p,coi,d	8,oDD	oDrR,r	obc	61	54	54	×2	9·00	4	<21·00	0·0
Eskdalemuir	odd,m	odd,m	oidom	oodm,om	60	56	56	10	18·00	4	<21·00	0·0
Tynemouth	bc	bcq	bcbq	bc	69	56	46	–	–	–	–	•
Blacksod Point ...	RR	RR	R,r	RR	61	53	•	1tx	•	24	•	•
Donaghadee	m,oir	c	cbc	c	64	58	•	tx	18·00	–	–	•
Birr Castle	c	cbc	bcc	c	68	58	51	–	–	–	–	1·9
Holyhead	cd,c	c	pr,bcbbac	bc	65	57	52	Tr	9·00	Tr	<21·00	1·1
Liverpool (Bidston) ...	cbc	bcbby	bbc	bcbc	70	54	49	–	–	–	–	8·0
Chester (Sealand) ...	cbcv	bcbvy	b	bwbc3	74	48	43	–	–	–	–	9·3
Harrogate	cbcq	bcb	b	b	71	53	46	–	–	–	–	7·7
Spurn Head	bc	bc	bcb	bc	75	55	•	–	–	–	–	6·6
Birmingham (Edgbaston)	bc	bcb	b	b	75	52	44	–	–	–	–	11·9
Cranwell	bcb	b	bbc	b	75	50	41	–	–	–	–	9·2
Gorleston	by	by	b	b	80	57	53	–	–	–	–	12·2
Valentia (Cahirciveen)	oir,d	oir,d	or	orr	62	56	53	2	18·00	25	<21·00	0·0
Roches Point	c	c	cbccw	czw	65	59	•	–	–	Tr	–	•
Pembroke (St. Ann's H.)	bcc	bcm	b	bbc	64	58	•	–	–	–	–	6·5
Ross-on-Wye	bcb	by	bbw	bwbcm	75	49	42	–	–	–	–	11·8
Leafield	bcb	by	b	b	75	51	49	–	–	–	–	11·9
Winchester (Worthy Dn.)	bm,by	by	b	bw	76	44	34	–	–	–	–	12·0
S. Farnborough ...	by	by	byb	bwm	78	46	32	–	–	–	–	12·1
London (Kew Obsy.) ...	by	by	bw	bffw	77	48	39	–	–	–	–	12·3
Croydon	bz,y	by	byw	bw3	77	54	49	–	–	–	–	12·3
Shoeburyness	b	by	b	bwn	79	48	37	–	–	Tr	–	12·2
Clacton-on-Sea ...	bcby	by	byb	bb3	74	58	51	–	–	–	–	11·7
Felixstowe	bcn,by	by	by	bm,w	77	53	41	–	–	–	–	11·8
Lympne	bn,by	by	byb	bm	73	54	41	–	–	–	–	12·3
Scilly (St. Mary's) ...	offbcm	bm	b	bbccm	70	58	•	–	–	–	–	9·6
Falmouth (Pendennis)	bcfb	b	b	bbc	69	58	•	–	–	–	–	10·0
Plymouth (Cattewater)	bm	by	by	bw	70	53	50	–	–	Tr	–	11·7
Portland Bill	bz	bz	bw3	bbcb3	69	60	•	–	–	–	–	•
Southampton (Calshot)	b-bc	by	bwm	bm	75	57	-1·8	–	–	Tr	–	12·0
Dungeness	bcbz	bz,b	b	bbw	68	56	•	–	–	–	–	•
Guernsey	b	by	bq	b	72	61	•	–	–	–	–	

ISALLOBARS — 5th September, 1928.



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure
2	10h 4th	Scotia	S'W	5	cjp	61	57	7
1	12h 4th	St. Julien	S'E	2	bc–	68	64	7
3	1h 5th	Dieppe	SE	1	bc/r	64	62	7

GENERAL INFERENCE.

A complex depression with centres over the North Sea, Central Scotland and Ireland is moving slowly northeastwards. There will be some further rain at times in Ireland and Scotland and the rain will spread southeastwards to Wales and England. In Southeast and East England the weather today will be mainly bright and warm.

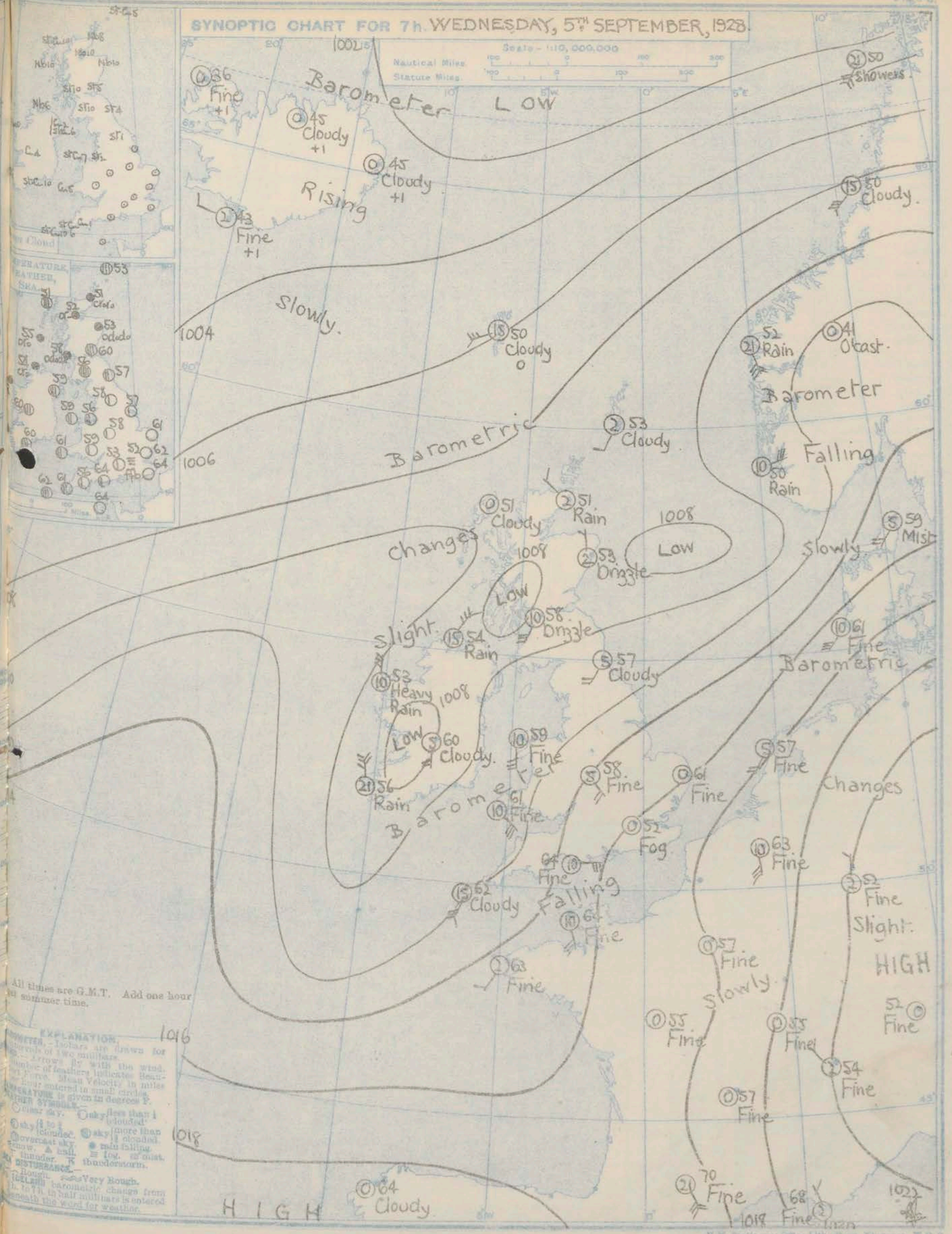
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 5th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light to moderate, variable to southwesterly winds; mainly bright and warm today, cooler and less settled tomorrow with perhaps some local thunder; mist or fog locally at night and in morning.	Rather unsettled generally.
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 variable, mainly between south and west, light to moderate; becoming cloudy with rain at times and perhaps local thunder; rather warm, becoming cooler.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland, B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Winds variable, becoming northeasterly for a time then backing towards southwest, light to moderate; occasional rain and mist, fairer periods later; moderate temperature.	
17. N.W. Ireland	Northerly winds, backing towards west, fresh locally; occasional rain, improving; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind variable, becoming northerly for a time, then backing to west or southwest, light to fresh; cloudy, rain at times, perhaps thunder; improving later; cooler.	

As 17.

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

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

SYNOPTIC CHART FOR 7h. WEDNESDAY, 5TH SEPTEMBER, 1928.



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

○ clear sky. ◐ sky less than ½ clouded. ◑ sky ½ to ¾ clouded. ◒ sky more than ½ clouded. ● overcast sky. ● rain falling. ∴ snow. ▲ hail. ≡ fog. ∞ mist. ⚡ thunder. K thunderstorm.

SEA DISTURBANCE.—Rough. Very Rough.

ISOBARS. barometric change from 1. to 7h. in half millibars is entered beneath the word for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION Wednesday, 5th September 1928. No. 249.

Stations	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	64	1009.6	0	–	0	bc	53	97	8	2500	StCu	6	ACu	7	1008.6	0	SW	1	c	53	92	7	1500	StCu	5	ASt	9	*
Stornoway	30	1010.5	0	–	0	c	*	*	7	*	*	*	*	8	1009.3	+1	–	0	c	51	97	7	4000	StCu	10	–	10	0
Wick	81	1010.0	-2	S	2	cGG	51	97	8	1500	Nb	8	ASt	10	1009.5	0	WNW	1	cGG	51	97	8	1500	Nb	8	CSt	10	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.6	0	N	3	oG	55	92	7	1500	Nb	10	–	10	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	*	–	0	of-	52	92	7	800	Nb	10	–	10	*
Aberdeen	49	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.0	0	NNW	1	odod	53	97	6	800	Nb	10	–	10	0
Malin Head	81	1010.4	0	N	3	cr-	54	97	7	4000	Nb	4	ASt	10	1009.5	-1	NNE	4	cro	54	92	7	4000	Nb	6	ASt	10	4
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	0	SW	3	odod	58	97	5	450	St	10	–	10	*
Edinburgh (Inchkeith)	[illegible]	1008.8	-2	S	4	c	60	85	8	1500	St	5	ASt	10	1008.4	-1	WSW	3	c	60	85	8	2500	St	5	ASt	8	2
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.0	-1	SW	4	c+	60	85	7	2500	CuNb	5	ASt	9	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	-1	S'W	5	o	56	97	5	220	St	10	–	10	*
Tynemouth	97	1012.2	-1	SW	3	b	60	75	8	–	–	0	–	0	1011.8	-2	SW	2	bc	57	85	6	1500	St	4	ACu	6	0
Blacksod Point	18	1010.0	0	N	5	oR-	54	97	6	*	Nb	10	–	10	1010.0	0	N	3	oRR	53	97	5	*	Nb	10	–	10	5
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	+1	SW	2	c	59	92	7	4000	StCu	8	–	8	2
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.9	*	S	2	c+	60	92	7	1500	Cu	4	ASt	9	*
Holyhead	26	1015.4	0	SW'S	4	bc-	59	92	6	800	St	7	–	7	1011.0	-1	S	3	bc	59	85	7	5700	StCu	7	–	7	1
Liverpool (Bidston)	188	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.1	-1	SE	4	bc	56	75	7	800	St	2	C	6	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.2	-1	SE	3	c+	54	85	6	–	–	0	ACu	8	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.1	0	S	1	b	58	65	5	2500	St	1	CCu	1	*
Spurn Head	39	1015.0	0	SSW	3	b	59	85	7	–	–	0	–	0	1014.4	0	SSE	3	b	57	85	7	–	–	0	CSt	2	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.2	-2	SE	2	b	58	65	6	–	–	0	ACu	2	*
Cranwell	238	1016.7	0	SSW	2	b	55 (corrected from 57)	92	6	–	–	0	–	0	1015.2	-1	S'W	3	b	61	75	8	–	–	0	C	1	*
Gorleston	14	1018.0	0	SW	2	b	58	75	7	–	–	0	–	0	1015.8	-2	–	0	b	61	75	6	–	–	0	–	0	0
Valentia (Cahirciveen)	30	1010.5	-3	SW'S	2	oRR	60	97	6	*	St	10	–	10	1009.1	+1	N'W	5	orr	56	92	6	800	St	10	–	10	3
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.0	-3	SW	2	c	60	97	6	1500	StCu	10	–	10	2
Pembroke (St. Ann's H.)	180	1014.3	-1	S	3	b	60	92	7	–	–	0	–	0	1010.8	-3	SE	3	bc+	61	85	7	1500	Cu	5	CSt	6	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.3	-4	–	0	b-	57 (corrected)	85	6	–	–	0	CCu	1	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.4	-3	SE'S	3	b	55	85	7	–	–	0	ACu	2	*
Winchester (Worthy Dn.)	275	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.3	-3	–	0	b	51	92	8	–	–	0	C	2	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.3	-3	SSE	1	b	53	85	6	–	–	0	C	1	*
London (Kew Obsy.)	18	*	*	*	*	*	53	*	*	*	*	*	*	*	1015.7	-1	–	0	ffb	52	97	3	–	–	0	–	0	*
Croydon	244	1018.1	-2	S	3	b	56	75	7	–	–	0	–	0	1015.3	-2	S'E	3	b	60	75	6	–	–	0	C	1	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.2	-2	NNW	1	b	57	92	5	–	–	0	–	0	*
Clacton-on-Sea	34	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.3	-2	S	1	b	62	85	6	–	–	0	–	0	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.0	-4	SSE	2	b	63	85	7	–	–	0	–	0	0
Lympne	350	1018.9	-2	ESE	2	b	55	75	6	–	–	0	–	0	1016.4	-1 (corrected from -2)	ESE	2	b-	62	75	6	–	–	0	–	0	*
Scilly (St. Mary's)	163	1015.4	-1	SSE	3 (corrected from 2)	b	60	97	7	–	–	0	C	1	1012.0	-3	S'W	4	c+	62	92	6	4000	StCu	10	–	10	2
Falmouth (Pendennis)	200	1015.6	-1	SSW	2	b	60	92	7	–	–	0	–	0	1011.8	-3	S'W	4	bc+	61	85	7	4000	StCu	6	–	6	1
Plymouth (Cattewater)	62	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	-1	NE	3	b	56	85	7	4000	Cu	1	ACu	1	0
Portland Bill	32	1016.4	-1	E'N	2	b	63	85	6	–	–	0	–	0	1013.6	-2	E	3	b-	64	75	6	–	–	0	C	2	0
Southampton (Calshot)	10	1017.6	-2	E'N	2	b	58	97	6	–	–	0	–	0	1015.1	-1	E	3	b+	60	85	6	–	–	0	C	2	0
Dungeness	30	1018.5	-2	S	1	b	61	85	7	–	–	0	–	0	1016.5	-2	–	0	b	64	92	7	–	–	0	–	0	0
Guernsey (Fort George) P	298														1014.8	-2	SSE	3	b	64	75	7	–	–	0	–	0	1

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 3rd to 9h. 4th (4) °F.	Temperature Max. 9h.-17h. 4th (5) °F.	Rainfall Night 17h.-9h. 3rd-4th (6) mm.	Rainfall Day 9h.-17h. 4th (7) mm.	Sunshine Sunrise to 17h. 4th (8) hr.	Sunshine Sunrise to Sunset 3rd (9) hr.
Berwick-on-Tweed	oro	ro	57	62	1	0.3	0.0	0.1
Douglas (I. o. M.)	om	cbc	57	62	18	–	1.6	0.0
Llandudno	bc	bcb	61	71	–	–	8.7	0.5
Colwyn Bay	b	b	62	70	–	–	8.3	0.1
Rhyl	bc	b	62	70	–	–	9.2	0.1
Wallasey	bcb	bcb	60	73	Trace	–	6.2	0.0
Southport	bcbr	bcb	*60	71	4	–	5.7	0.3
Blackpool	cbc	bcb	60	69	3	–	5.6	0.0
*Ilkley	b	b	58	72	–	–	7.3	0.2
Cleethorpes	ob	b	59	78	–	–	6.0	0.0
Skegness	cbcb	b	56	77	–	–	8.8	3.1
Aberystwyth	bc	bcb	57	68	–	–	6.9	1.6
Bath	b	b	49	76	–	–	10.9	5.8
Cheltenham‡	by	by	58	77	–	–	10.6	5.5
Leamington Spa	b	b	56	75	–	–	10.4	5.7
Lowestoft	b	b	55	81	–	–	11.0	5.3
Harwich & Dovercourt	by	by	54	79	–	–	10.8	8.6
Maldon	b	b	46	80	–	–	10.8	7.1
Southend	b	b	56	81	–	–	11.3	8.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	b	56	72	–	–	10.8	10.8
Bude	wb	bc	49	74	–	–	10.8	12.3
Penzance	bz	bz	57	69	–	–	8.5	11.3
Paignton	bwz	by	53	75	–	–	10.5	11.8
Torquay	byz	b	55	73	–	–	10.5	11.4
Jersey	b	b	53	78	–	–	10.7	12.3
Weymouth	b	b	41	72	–	–	11.0	12.0
Bournemouth	b	b	50	74	–	–	11.0	11.5
Ventnor	bz	bz	56	70	–	–	10.1	11.4
Portsmouth (S'thsea)	b	b	54	75	–	–	11.1	10.9
Bognor	b	b	55	69	–	–	11.0	10.4
Littlehampton	b	b	48	69	–	–	10.7	10.6
Worthing	b	b	51	73	–	–	11.0	10.2
Brighton	b	b	58	70	–	–	11.0	10.5
Eastbourne‡	b	b	57	72	–	–	11.4	9.7
Hastings‡	b	b	56	71	–	–	11.4	10.1
Folkestone	b	b	64	73	–	–	10.7	9.4
Dover	b	b	59	68	–	–	11.0	10.3
Tunbridge Wells	b	b	61	77	–	–	10.9	10.0
Ramsgate	b	b	56	75	–	–	11.0	10.2
Margate	b	b	56	79	–	–	11.2	10.2
Deal	b	b	53	75	–	–	10.4	8.6

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

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

‡ At stations marked thus the maximum temperature is for the period 9h.-17h., the minimum for the period 21h.-7h. @ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24.395 Thursday 6th September 1928.

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

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1008·8	0	SW	1	c	56	85	8	1500	Cu.	5	A.St.	9	•
Stornoway	1009·2	0	–	0	c	57	85	7	4000	Cu.Nb.	10	–	10	•
Wick	1010·0	0	NE	1	c/r	53	97	8	1500	Nb.	6	A.St.	10	•
Tiree	1009·1	0	N'E	4	c–	57	85	8	2500	Cu.	8	–	8	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1009·4	0	ENE	2	odd	53	97	6	800	Nb.	10	–	10	1
Malin Head	1009·4	0	N	3	c r₀	55	85	8	5700	Nb.	6	A.St.	9	•
Renfrew	1009·3	–1	SW	1	odd₀	58	97	6	800	St.	10	–	10	2
Edinburgh (Inchkeith)	1009·0	–1	WSW	3	c	64	75	8	1600	St.	9	–	9	•
Leuchars	1009·5	+2	NE	2	o+	56	97	8	220	St.	10	–	10	1
Eskdalemuir	1008·9	–1	SSW	5	bc	61	75	7	5700	St.Cu.	7	–	7	2
Tynemouth	1009·8	–2	S	2	bc	68	65	6	1500	Cu.	6	–	6	•
Blacksod Point ...	1010·1	+1	W	3	bcv	60	75	9	•	Cu.Nb.	7	–	7	•
Donaghadee	1010·1	+1	NNE	3	c+	58	92	7	4000	St.Cu.	8	–	8	•
Birr Castle	1007·8	•	W	2	c/r	59	92	6	1500	Nb.	9	–	9	•
Holyhead	1009·3	–2	SW'S	3	c	66	65	7	7200	St.Cu.	8	–	8	1
Liverpool (Bidston) 49	1009·1	–3	ESE	2	bc–	71	~~55~~	8	1500	St.	1	A.Cu.	5	•
Chester (Sealand) ...	1008·9	–4	S'E	4	bc	64	45	6	4000	Cu.	2	A.Cu.	6	0
Harrogate	1009·9	–3	S'W	4	b	75	75	7	2500	St.	1	A.Cu.	1	•
Spurn Head	1011·2	–4	SE'E	4	b	65	75	6	–	–	0	Cu.	2	•
Birmingham (Edgbaston)	1010·4	–3	SSW	4	b	77	35	8	4000	Cu.	2	–	2	0
Cranwell	1012·0	–4	S	4	b	78	55	8	4000	St.Cu.	1	–	1	0
Gorleston	1013·4	–3	SSE	4	b+	71	65	6	–	–	0	Ci.	1	•
Valentia (Cahirciveen)	1011·3	+3	NW'N	5	c	56	85	8	1500	St.	9	–	9	2
Roches Point	1007·7	–3	NW	3	o/r	59	97	7	800	St.	10	–	10	•
Pembroke (St. Ann's H.)	1008·9	–2	S'W	3	c	63	97	6	1500	Cu.	8	A.Cu.	9	•
Ross-on-Wye	1010·3	–3	SSW	3	bc+	76	45	7	5700	Cu.	2	Ci.Cu.	3	0
Leafield	1011·2	–2	S'W	5	b+	77	35	8	–	–	0	A.Cu.	2	0
Winchester (Worthy Dn)	1012·9	–2	SSE	5	b	78	35	7	–	–	0	A.Cu.	1	0
S. Farnborough ...	1012·9	–2	S'W	4	b	80	35	7	–	–	0	Ci.St.	1	0
London (Kew Obsy.) ...	1013·1	–2	SSW	4	b	75	45	8	–	–	0	–	0	0
Croydon	1013·1	–3	SW'S	4	b	79	35	7	–	–	0	–	0	0
Shoeburyness	1013·4	–3	SSW	1	b	79	55	6	–	–	0	A.St.	2	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1014·0	–2	SSE	3	b	69	75	7	–	–	0	Ci.	1	0
Lympne	1014·3	–2	SSE	3	b+	70	65	7	–	–	0	A.Cu.	1	0
Scilly (St. Mary's) ...	1011·1	0	S'W	4	bc	68	85	6	4000	St.Cu.	7	–	7	•
Falmouth (Pendennis)	1011·0	–1	SW'W	6	bc	65	97	7	4000	St.Cu.	5	A.Cu.	6	•
Plymouth (Cattewater)	1012·1	–1	S	4	o+	63	92	6	1500	St.	10	–	10	0
Portland Bill	1013·3	0	SSW	3	c4+	64	85	6	2500	Cu.	28	–	28	•
Southampton (Calshot)	1013·3	–1	SW'S	4	b	75	45	7	–	–	0	Ci.Cu.	1	0
Dungeness	1014·4	–4	SSW	1	b+	69	75	7	2500	Cu.	2	–	2	•
Guernsey (Fort George)	1014·3	–1	SW	4	bc+	69	65	7	5700	St.Cu.	2	A.Cu.	4	•

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1008·6	0	SW	1	c	56	85	8	1500	Cu.	8	Ci.	9	•
Stornoway	1008·5	0	–	0	c/r	54	85	7	4000	Cu.Nb.	10	–	10	0
Wick	1009·3	0	NE	1	c/o₀	52	97	8	1500	Nb.	6	A.St.	10	0
Tiree	1007·0	0	NNW	4	c+	56	85	8	1500	Cu.Nb.	5	A.St.	10	3
Nairn	1008·4	•	E	1	orr	53	92	7	800	Nb.	10	–	10	•
Aberdeen	1008·4	–1	ENE	3	odd₀	53	97	5	4500	Nb.	10	–	10	0
Malin Head	1009·2	0	NNW	3	c–	56	75	8	5700	St.Cu.	9	–	9	3
Renfrew	1007·4	–1	WSW	2	~~c/r~~ cr	57	97	6	800	Nb.	10	–	10	•
Edinburgh (Inchkeith)	1006·8	–2	ESE	3	o6o	55	97	7	1500	Nb.	10	–	10	1
Leuchars	1007·3	–2	NE	2	o r₀	54	97	7	220	Nb.	10	–	10	•
Eskdalemuir	1007·1	–2	–	0	c/p r₀	57	85	7	5700	St.Cu.	2	A.St.	10	•
Tynemouth	1006·7	–3	–	0	c	62	85	6	800	St.	6	A.Cu.	8	0
Blacksod Point ...	1011·2	+1	W	3	bv	52	92	9	•	Cu.	2	–	2	1
Donaghadee	1009·0	–1	NNE	4	orr	54	92	5	1500	Nb.	10	–	10	3
Birr Castle	1009·7	•	W	2	c/r	55	92	7	1500	Nb.	9	–	9	•
Holyhead	1007·7	–1	SW	2	c r₀	59	97	4	4500	St.	9	A.St.	10	1
Liverpool (Bidston)	1007·6	–1	W	2	c+	65	65	7	1500	Nb.	4	A.St.	10	•
Chester (Sealand) ...	1007·0	–1	SW'S	3	c+	70	65	7	2500	St.	8	A.St.	10	•
Harrogate	1007·5	–2	S	1	c	67	55	6	4000	Nb.	8	A.St.	9	•
Spurn Head	1008·3	–2	SE	3	bc+	63	92	6	–	–	0	A.Cu.	5	2
Birmingham (Edgbaston)	1008·9	–2	S	3	c+	69	55	8	4000	St.Cu.	3	A.Cu.	9	•
Cranwell	1009·5	–3	S	3	c+	72	92	7	2500	Cu.	7 8	A.St	8	•
Gorleston	1011·5	–3	S	3	bc+	66	75	6	–	–	0	Ci.Cu.	4	0
Valentia (Cahirciveen)	1013·9	+3	W'N	4	bc	59	65	8	2500	Cu.	3	–	3	0
Roches Point	1010·8	+3	NW	3	c	58	85	8	1500	St.Cu.	8	–	8	4
Pembroke (St. Ann's H.)	1007·0	–2	SW	4	orr	62	97	6	800	St.	10	–	10	1
Ross-on-Wye	1009·3	–1	SSW	3	c	67	75	7	4000	Cu.	5	A.St.	9	•
Leafield	1010·2	–1	S'W	4	c	6~~7~~ 5	75	8	5700	St.Cu.	4	A.St.	9	•
Winchester (Worthy Dn)	1012·0	–1	SSE	3	c+	64	85	7	1500	St.Cu.	4	A.St.	10	•
S. Farnborough ...	1012·4	0	SW'W	4	c+	67	75	7	–	–	0	A.St.	9	•
London (Kew Obsy.) ...	1011·9	–1	SSW	4	c+	69	55	7	–	–	0	Ci.St.	9	•
Croydon	1012·1	–1	SW'S	4	c	69	65	7	7200	St.Cu.	3	Ci.St.	9	•
Shoeburyness	1012·1	–1	–	0	bc	66	85	7	–	–	0	Ci.	7	•
Clacton-on-Sea ...	1012·3	–2	SSW	3	bc	69	75	6	–	–	0	Ci.	4	2
Felixstowe	1012·5	–1	S'W	3	bc+	69	65	8	–	–	0	Ci.St.	7	1
Lympne	1013·0	–2	S'W	2	bc+	63	75	7	–	–	0	Ci.	6	•
Scilly (St. Mary's) ...	1010·5	0	W'N	5	c	60	97	7	4000	St.Cu.	8	–	8	4
Falmouth (Pendennis)	1009·7	–1	SW'S	5	c r₀+	63	97	6	2500	Nb.	8	A.St.	10	2
Plymouth (Cattewater)	1010·8	–2	S	4	o	62	97	6	4500	St.	10	–	10	0
Portland Bill	1011·9	–1	SSW	4	c	63	92	6	2500	St.Cu.	7	Ci.	9	1
Southampton (Calshot)	1012·3	–1	SW'S	4	bc	66	85	7	5700	St.Cu.	1	Ci.St.	5	0
Dungeness	1013·4	–2	–	0	c+	65	85	7	4000	St.Cu.	2	Ci.Cu.	8	0
Guernsey (Fort George)	1013·6	+1	S'W	1	bc+	65	85	7	5700	St.Cu.	4	A.Cu.	6	1

LONDON OBSERVATIONS. Day 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bfuoby	by	bccprc	78	58	57	–	Tr	9·2	*	*	8
Croydon	244	b3oy	b,oy	cbcopr₀	79	58	57	–	Tr	9·9	"	"	
Greenwich (Royal Obsy.)	149	by	bbccy	cbcby	83	58	52	–	–	10·7	31	58	7
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	9·2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	80	59	58	–	–	9·7	31	60	•
Regent's Pk. (Botanic Gdns.)	128	•	•	•	•	•	•	•	•	7·8	•	•	•
Camden Square	110	b	b	•	84	58	–	–	0·3	•	•	82	•
Kensington Palace	80	b	bbc	•	82	58	55	–	–	•	(At 16h.) 46	56	•
Hampstead Observatory	450	•	•	•	81	54	51	–	Tr	10·3	•	71	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 6th

South Kensington Max.	Time.	Min	Time.
1·2	8h 5th	<0·3	16h 5th

Kew Observatory Max.	Time.	Min.	Time.
0·5	8h 5th	<0·1	3h 6th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 5th 19h 45m. to 6th 4h 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·30	3·52	45
δ Ursae Minoris	8·30	2·59	35

CODE FOR STATE OF GROUND.

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

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

6th, 7th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·13	11·51	18·29
	5·15	11·51	18·26
Greenwich	5·21	11·58	18·34
	5·23	11·58	18·32
Wick	5·23	12·11	18·57
	5·25	12·10	18·54
Valentia	6·2	12·39	19·16
	6·4	12·39	19·14

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

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

SEA DISTURBANCE.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1½ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

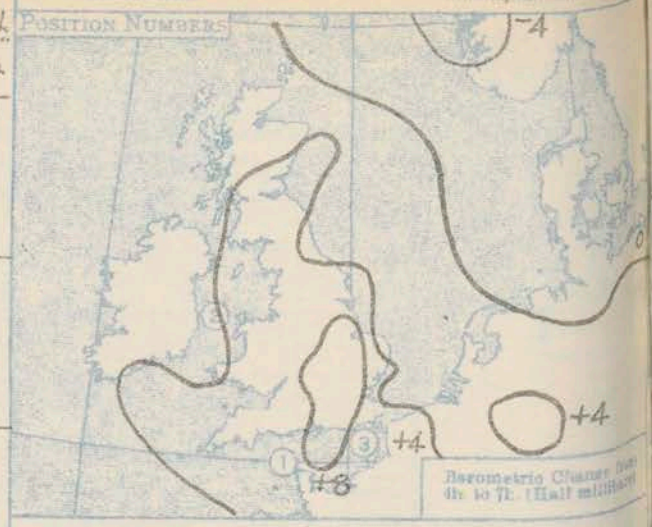
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 5th	13h.-18h. 5th	18h. 5th to 1h. 6th	1h.-7h. 6th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min on Grass	Rainfall.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	Sun 5th Hours.
Lerwick	c	c	c	corr	59	51	•	–	–	3	5·30	3·0
Stornoway	o	r-d	bbc	c	59	42	•	0·4	15·30	–	–	2·1
Wick	crr	crr	r.rrr	rrr.r	53	50	•	2	<8·00	9	<21·00	•
Tiree	r.oc	coc	cbc	cbc	58	47	40	0·3	<8·00	–	–	0·3
Nairn	orr	rro	Rro	rc	54	49	•	10	<8·00	14	<21·00	0·0
Aberdeen	oddm	od.d.m.	odmRrr	rrir.bc	55	51	50	1	<8·00	12	<21·00	0·0
Malin Head	circ	coirc	cbc	beir	56	47	•	6	<8·00	0·2	4·30	0·0
Renfrew	od.d.m.	od.rr	orrc	cb	60	46	40	2	<8·00	3	<21·00	0·0
Edinburgh (Inchkeith)	c	cor.r.	orrir.r.	cbccpr	66	53	51	0·3	13·30	7	<21·00	1·7
Leuchars	c.p.dc	o.ir.	oir.rRr	orr.rc	65	53	52	1	11·00	8	<21·00	0·3
Eskdalemuir	om.bc	bccpr.	cir.orm.	cbc	64	48	46	Tr.	15·30	4	<21·00	1·9
Tynemouth	bc	bcc	oir	oir.bcq	74	54	49	–	–	3	22·00	•
Blackrod Point ...	pc	bcb	c	pcc	60	51	•	1	•	2	•	•
Donaghadee	cbcc	orrm.	rrcbc	bc	65	45	•	6	13·30	3	<21·00	•
Birr Castle	cir.	cir	cbc	beirb	64	45	34	2	11·00	3	1·30	0·0
Holyhead	bcpr.c	DRir.inf	RKQRc	bcb	67	54	50	2	9·00	3	<21·00	4·2
Liverpool (Bidston) ...	cp.cy	r.co	r.orr	ccq	74	53	49	Tr.	9·00	8	<21·00	7·0
Chester (Sealand) ...	cbcy	bccy	crr	prbcb	76	53	48	–	–	7	<21·00	6·3
Farrogate	b	bbcc	cir	bcbq	76 (~~cc~~)	50	47	–	–	1	24·00	9·8
Spurn Head	bcb	bbc	bcc	cprqbu	66	57	•	–	–	0·5	1·30	10·7
Birmingham (Edgbaston)	b	bbc	coRr	orb	79	51	47	–	–	5	24·00	9·3
Cranwell	bbcb	bbc	copr	cp.c	80	55	53	–	–	2	24·00	10·4
Gorleston	b	bbc	bbcc	cpr.c	71	62	60	–	–	Tr	4·30	11·1
Valentia (Cahirciveen)	orrc	cbc	bcp.b	bcpb	60	54	46	7	<8·00	2	<21·00	5·1
Roches Point	corrc	c	cbcb	bbcpb	62	51	•	7	9·00	2	1·30	•
Pembroke (St. Ann's H.)	cop.	cpRorr	crrP	cbc	64	56	•	6	9·00	5	<21·00	2·5
Ross-on-Wye	b	bcyc	ccorq	cb	78	53	47	–	–	3	22·00	8·7
Leafield	b	bcyc	cbccir	ir.cbc	78	52	49	–	–	1	22·00	9·7
Winchester (Worthy Dn)	bbty	bybc	cbccr	cr.cbc	78	54	48	–	–	1	24·00	10·2
S. Farnborough ...	bm.by	byc	cbwc	ccbc	81	57	43	–	–	–	–	9·9
London (Kew Obsy.) ...	bfwby	by	bc	ccpr.c	78	58	57	–	–	Tr	5·30	9·2
Croydon	bz.y	b.cy	cbcc	copr.	79	58	57	–	–	Tr	5·30	9·9
Shoeburyness	bz	bcz	c	c	81	60	55	–	–	–	–	10·3
Clacton-on-Sea ...	bbcz	bcz	bcjc	c	76	61	58	–	–	–	–	10·7
Felixstowe	b	bbc	bcc	cbcc	71	63	62	–	–	–	–	10·8
Lympne	bzb	bbc	bcc m.w	com.cor.	74	59	53	–	–	Tr	6·30	10·8
Scilly (St. Mary's) ...	od.bc	coRr	cPbc	bcp	70	55	•	11	<8·00	0·2	<21·00	3·9
Falmouth (Pendennis)	bcq	bccr.m	coRmrbc	bcq	68	53	•	0·2	16·30	6	<21·00	5·5
Plymouth (Cattewater)	bybm.	ocm.	oRrm.bc	bcbu	66	54	50	–	–	2	<21·00	4·5
Portland Bill	bcz.	cz.	cor.c	cbc	67	57	•	–	–	1	22·00	•
Southampton (Calshot)	bm	bbcy	bccr.r.	cq	77	55	52	–	–	0·1	22·00	10·5
Dungeness	bbc	occ	c	ccr.c	70	61	•	–	–	Tr	4·30	•
Guernsey	bq	bc	bccqbc	bcqv	71	57	•	–	–	–	–	

ISALLOBARS — POSITION NUMBERS — 6th September



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Visibility
2	10h 5th	Scotia	S	4	d.	60	57	6
1	12h "	St. Helier	SW	3	bc+	64	62	6

GENERAL INFERENCE.

A ridge of high pressure moving eastwards across the British Isles will cause an interval of mainly bright weather in all districts. There will be local showers and at first in Northeast Scotland some further rain. Temperature will be moderate.

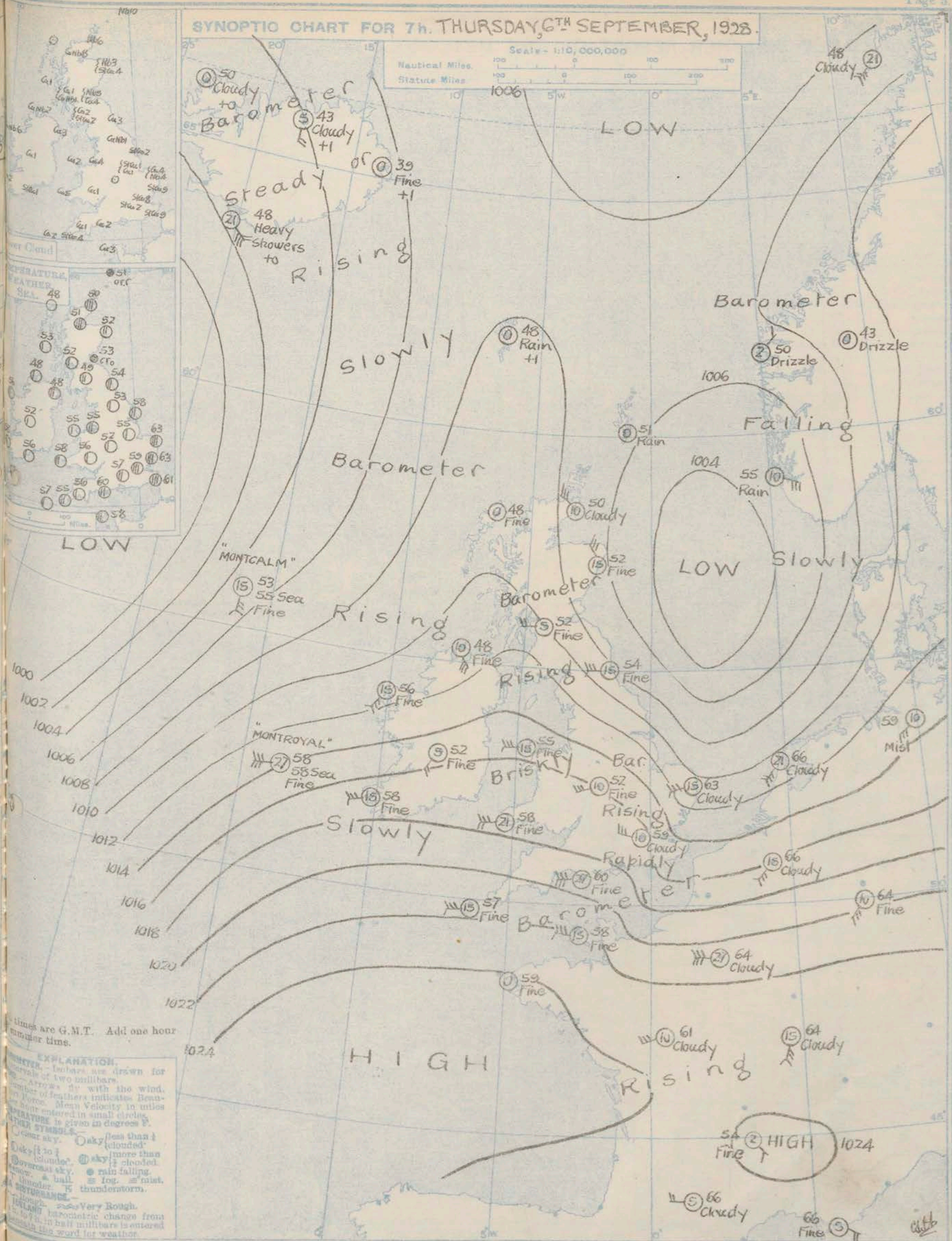
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 6th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Westerly to southwesterly winds, strong at times; mainly bright, a few local showers; moderate temperature.	Rather unsett[illegible]
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Westerly winds, backing towards south, moderate to fresh or strong at times; variable skies with local showers today, probably some rain tomorrow; moderate temperature.	
13. A.W. Scotland B.N.W. Scotland 14. Mid-Scotland	Light variable winds, becoming strong at times from between S.W. and S.; variable skies with local showers at first, cloudy with rain at times later; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 11 - 12.	
17. N.W. Ireland	S. to S.W. winds, strong at times; bright at first, cloudy with rain at times later; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland	As 11 - 12.	
20. S.W. Ireland	As 17.	

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 page 1

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

SYNOPTIC CHART FOR 7h. THURSDAY, 6TH SEPTEMBER, 1928.



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—Clear sky. sky less than ½ clouded. sky ½ to ¾ clouded. sky more than ¾ clouded. Overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.

SEA DISTURBANCE.—Rough. Very Rough.

TENDENCY. barometric change from 3h. to 7h. in half millibars is entered beneath the word for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Thursday, 6th September 1928. No. 250

Observations at 1h. 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.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1007·2	-1	-	0	c	51	97	8	1500	StCu	5	ASt	9
Stornoway	30	1009·1	-1	-	0	b-	*	*	8	*	*	*	*	1
Wick	81	1006·8	-3	NNW	2	orr	52	97	8	1500	Nb	10	-	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	89	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1010·0	0	WNW	3	bc	53	85	8	4000	Cu	4	-	4
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	160	1004·3	-2	SW	2	ororo	55	97	7	1500	Nb	10	-	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1004·8	-1	SW	2	or	57	92	6	1500	Nb	10	-	10
Blacksod Point ...	18	1011·1	0	W	3	bc	55	75	8	*	StCu	7	-	7
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1010·1	+5	NW'N	5	bc-	56	85	6	1500	Cu	7	ACu	7
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1007·0	0	SW'W	4	c+	63	85	7	4000	CuNb	6	ASt	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1009·5	0	W'N	4	c/PR	61	97	5	1500	Nb	10	-	10
Gorleston	14	1009·9	-1	SSW	4	c+	64	75	6	-	-	0	ACu	9
Valentia (Cahirciveen)P	30	1015·4	0	W	2	ajp	56	85	7	*	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1012·2	+7	NW	5	c-	57	75	8	800	StCu	3	ACu	8
Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	812	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	63	*	*	*	*	*	*	*
Croydon	244	1010·7	-1	SSW	3	c	62	92	7	1500	St	4	ASt	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1012·2	0	SW	4	c+	60	92	6	-	-	0	ASt	10
Scilly (St. Mary's) ...	163	1017·8	+5	NW'W	6	bc-	57	75	7	4000	CuNb	3	-	3
Falmouth (Pendennis)	200	1016·3	+3	WNW	4	bc	57	75	8	4000	Cu	3	-	3
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	52	1010·8	-1	WSW	6	c	61	85	8	1500	St	9	ASt	10
Southampton (Calshot)	10	1010·9	-1	SW'W	5	c/r	64	85	7	2500	St	7	ASt	10
Dungeness	20	1012·2	-3	SW	3	c+	65	75	7	2500	StCu	7	ACu	9
Guernsey (Fort George) P	295													

Observations at 7h. 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.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sec. 0-6
Lerwick	1006·5	-1	-	0	orr	51	97	7	1500	Nb	10	-	10	*
Stornoway	1009·0	+2	-	0	b	48	97	8	-	-	0	-	0	0
Wick	1007·3	+1	NW	3	c/r	50	97	8	1500	Nb	6	CiSt	8	0
Tiree	1010·5	+2	-	0	b-	53	85	8	2500	Cu	1	-	1	1
Nairn	1008·7	*	-	0	c/r	51	92	7	1500	CuNb	8	-	8	*
Aberdeen	1006·3	+4	NNW	4	bc/r	52	85	8	1500	StCu	7	-	7	0
Malin Head	1011·4	+1	SSE	3	b/r	48	92	8	4000	CuNb	2	CiCu	2	1
Renfrew	1010·4	+5	W	2	b	52	85	8	2500	Cu	2	-	2	*
Edinburgh (Inchkeith)	1007·9	+6	WSW	4	cr	53	92	8	2500	Nb	9	-	9	2
Leuchars	1007·5	+4	W	2	cr	53	85	8	1500	Nb	10	-	10	*
Eskdalemuir	1010·2	+7	WN	4	bc	49	75	8	1500	Cu	4	-	4	*
Tynemouth	1008·0	+3	W	4	bc/r	54	85	7	1500	Cu	3	-	3	2
Blacksod Point ...	1011·8	+1	SW	4	bc	56	85	8	*	CuNb	6	-	6	4
Donaghadee	1013·4	+4	WSW	3	bc	48	92	8	2500	Cu	3	CiSt	4	2
Birr Castle	1014·7	*	SW	2	b-	52	97	8	4000	Cu	1	CiCu	2	*
Holyhead	1015·9	+6	W	4	b	55	85	8	2500	Cu	2	Ci	2	3
Liverpool (Bidston) ...	1014·0	+6	W	6	bc-	55	75	8	2500	Cu	4	Ci	5	*
Chester (Sealand) ...	1014·4	+7	W	4	b	54	85	8	2500	Cu	1	-	1	*
Harrogate	1012·1	+7	W	5	b	53	75	8	4000	CuNb	1	-	1	*
Spurn Head	1010·6	+4	W'N	7	bc-	58	85	7	5700	StCu	2	ACu	4	4
Birmingham (Edgbaston)	1016·7	+7	WSW	3	b	52	85	7	-	-	0	Ci	1	*
Cranwell	1013·2	+8	W	4	b-	55	97	7	4000	StCu	2	-	2	*
Gorleston	1010·6	+3	W'S	4	c	63	85	7	2500	Nb	8	-	8	0
Valentia (Cahirciveen)P	1016·9	+4	WSW	4	b-	58	75	8	2500	Cu	2	-	2	3
Roches Point	1017·0	+3	NW	2	b	56	92	8	2500	StCu	1	ACu	2	0
Pembroke (St. Ann's H.)	1017·4	+4	W	5	bc	58	75	8	1500	Cu	5	ASt	6	1
Ross-on-Wye	1017·1	+7	W	3	b	56	75	8	4000	Cu	1	Ci	1	*
Leafield	1016·6	+8	W	4	bc-	53	85	8	-	-	0	Ci	3	*
Winchester (Worthy Dn.)	1018·0	+8	W'S	4	bc	55	85	8	-	-	0	Ci	4	*
S. Farnborough ...	1017·0	+9	W'S	4	bc-	57	75	8	5700	StCu	2	Ci	6	*
London (Kew Obsy.) ...	1016·4	+11	WNW	3	c-	59	75	8	4000	StCu	8	-	8	*
Croydon	1016·0	+8	WNW	5	c	58	75	8	2500	St	9	-	9	*
Shoeburyness	1014·3	+6	W	4	c	62	92	8	5700	StCu	8	-	8	*
Clacton-on-Sea ...	1013·2	+3	SW	4	c	63	85	7	5700	StCu	9	-	9	2
Felixstowe	1013·2	+5	WSW	4	c+	64	85	7	2500	StCu	8	ASt	9	4
Lympne	1015·3	+5	WNW	4	o/r	59	85	8	2500	Nb	10	-	10	*
Scilly (St. Mary's) ...	1021·2	+4	W	4	b	57	85	8	4000	Cu	2	-	2	5
Falmouth (Pendennis)	1021·0	+5	W'N	4	bc+	55	85	8	4000	StCu	4	Ci	6	0
Plymouth (Cattewater)	1021·0	+7	W	3	b	56	75	8	4000	Cu	1	Ci	1	0
Portland Bill	1018·9	+7	W	6	bc-	60	85	8	2500	Cu	2	Ci	3	4
Southampton (Calshot)	1018·4	+11	WSW	5	c	56	85	7	4000	StCu	2	CiSt	8	0
Dungeness	1015·8	+6	WSW	4	c/r	61	85	8	1500	StCu	9	-	9	3
Guernsey (Fort George) P	1022·1	+7	WNW	4	bcv	58	75	9	2500	Cu	3	Ci	5	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5th September

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 4th to 9h. 5th	Temperature. Max. 9h. -17h. 5th	Rainfall.† Night 17h.-9h. 4th-5th	Rainfall.† Day 9h.-17h. 5th	Sunshine. Sunrise to 17h. 5th	Sunshine. Sunrise to Sunset. 1th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cbc	c	56	68	-	-	3·0	0·0
Douglas (I. o. M.) ...	b	cbcorR	57	65	-	b	5·3	1·6
Llandudno ...	cbc	c	58	72	-	-	2·2	10·2
Colwyn Bay ...	bcbbc	bcepo	60	76	-	0.3	3·0	9·3
Rhyl	bc	bc	57	75	-	-	4.4	10.1
Wallasey	bbc	bbcc	56	76	-	-	6·1	7.5
Southport	bbcc	coppco	*52	72	-	1	6·0	6·7
Blackpool	cpc	bcc	52	73	-	0·1	6·1	7·1
Ilkley	b	b	52	77	-	-	8·5	8·3
Cleethorpes	b	b	54	81	-	-	10·3	7·0
Skegness	b	bbc	52	76	-	-	10.5	9.5
Aberystwyth ...	bbc	bcc	55	66	-	-	5·3	8·1
Bath	b	bbcc	49	77	-	-	9.4	12·6
Cheltenham ...	by	bcc	53	80	-	-	8·9	12·2
Leamington Spa ...	b	bccb	50	81	-	-	8.5	11·0
Lowestoft	b	b	57	71	-	-	11.0	11.8
Harwich & Dovercourt	b	bc	55	72	-	-	10.7	11·9
Maldon	b	b	43	81	-	-	10.0	11.8
Southend	b	b	56	82	-	-	11·2	12·3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	bbcc	60	73	-	-	6·2	12·1
Bude	bcc	cbccd	53	71	-	Trace	4·5	12·1
Penzance	cbc	cor	57	72	-	b	3.5	10.0
Paignton	wb3	bbcc	49	72	-	-	7.3	11·7
Torquay	bwm	bbccoc	53	72	-	-	7.5	11.9
Jersey	b	bc	56	75	-	-	9.3	12·0
Weymouth	b	bcc	55	73	-	-	8.0	12·3
Bournemouth ...	b	bo	46?	73	-	-	10.2	12·3
Ventnor ...	b3	bbc3	61	72	-	-	10.2	11·3
Portsmouth (S'thsea)	b	b	57	77	-	-	10.0	12·3
Bognor	b	bbc	56	71	-	-	10.0	12·2
Littlehampton ...	b	bc	59	69	-	-	9.5	12·0
Worthing	b	bbcc	54	73	-	-	9.9	12·2
Brighton	b	bbc	53	70	-	-	9.7	12·2
Eastbourne	b	bbc	52	72	-	-	10.4	12·5
Hastings	b	bbc	58	72	-	-	10.6	12·6
Folkestone	b	bbc	54	74	-	-	10·3	11·6
Dover	b	bbc	51	70	-	-	10.6	12·0
Tunbridge Wells ...	b	bbc	52	79	-	-	10.2	12·6
Ramsgate	b	bbc	60	75	-	-	11·0	12·0
Margate	b	bc	60	80	-	-	10.8	12·5
Deal	b	b	51	77	-	-	10.0	10.9

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

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

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1006.5	+1	NW	2	bc	55	75	8	1500	Cu	5	a·Cu	7	•
Stornoway	1010.3	±1	SSW	3	bc/PR	56	75	8	4000	CuNb	6	–	6	•
Wick	1009.9	+3	NW	2	bc	57	85	8	1500	CuNb	5	CiCu	7	•
Tiree	1011.9	+1	SW	4	c/p	57	85	8	2500	CuNb	8	–	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.4	+4	WNW	3	bcro	58	65	8	2500	Cu	7	–	7	1
Malin Head	1012.4	+1	SWW	3	bcr	58	92	7	4000	CuNb	5	aCu	5	•
Renfrew	1013.6	+2	SW	4	c+	62	65	8	2500	CuNb	8	–	8	2
Edinburgh (Inchkeith)	1012.2	+3	W	4	bc	59	55	8	4000	Cu	4	–	4	•
Leuchars	1012.2	+3	W	4	bc	62	45	9	4000	StCu	5	–	5	1
Eskdalemuir	1013.7	+2	SW	4	c+	58	55	9	4000	StCu	8	–	8	2
Tynemouth	1014.2	+3	W	4	bc	64	55	8	1500	Cu	4	–	4	•
Blacksod Point	1014.0	+1	SW	3	bc	62	75	8	•	StCu	7	–	7	•
Donaghadee	1015.3	+1	WSW	2	bc-	62	75	8	2500	CuNb	5	–	5	•
Birr Castle	1016.8	•	SW	4	bc+	64	65	8	4000	CuNb	5	–	5	•
Holyhead	1016.8	+2	WSW	4	b-	62	75	8	2500	Cu	<1	CiSt	1	1
Liverpool (Bidston)	1016.9	+1	SW	3	c/r	59	75	7	1500	Nb	6	CiCu	8	•
Chester (Sealand)	1016.7	+1	WSW	4	bc/pro	65	55	9	2500	Cu	6	–	6	1
Harrogate	1016.3	+3	SW	5	c	60	55	9	4000	Cu	8	–	8	•
Spurn Head	1016.2	+5	W'N	5	bc	64	65	6	4000	Cu	7	–	7	•
Birmingham (Edgbaston)	1019.3	+1	SSW	4	bc	62	65	8	2500	Cu	4	aCu	7	1
Cranwell	1018.1	+3	W'S	5	bc+	64	65	8	4000	Cu	5	–	5	1
Gorleston	1018.3	+8	W'N	4	bc	65	65	6	5700	Cu	3	–	3	•
Valentia (Cahirciveen)	1018.5	0	SW	4	c	63	75	8	1500	St	5	aSt	8	1
Roches Point	1019.9	+1	NW	3	c/bro	63	85	8	2500	CuNb	7	CiCu	8	•
Pembroke (St. Ann's H.)	1019.4	+1	W	4	bc-	62	75	8	1500	Cu	4	–	4	•
Ross-on-Wye	1019.0	+1	W'S	4	c/p	64	65	8	4000	Cu	8	–	8	0
Leafield	1019.8	0	WSW	4	c/p	60	65	9	4000	StCu	9	–	9	0
Winchester (Worthy Dn.)	1021.0	+1	W'S	3	c	66	55	8	4000	StCu	8	–	8	0
S. Farnborough	1020.7	+2	WSW	4	c+	70	45	8	2500	StCu	8	Ci	9	0
London (Kew Obsy.)	1020.9	+2	WSW	3	bc	66	45	8	2500	Cu	4	–	4	0
Croydon	1020.7	+2	W'S	4	b	67	45	8	4000	Cu	2	–	2	0
Shoeburyness	1020.0	+3	NW	4	b	69	65	8	5700	Cu	2	–	2	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1019.8	+5	W'S	4	b-	66	45	9	2500	Cu	1	Ci	2	0
Lympne	1020.7	+4	WNW	4	b-	68	35	8	2500	Cu	2	–	2	0
Scilly (St. Mary's)	1022.8	+2	W'S	4	bc	65	75	8	4000	Cu	3	–	3	•
Falmouth (Pendennis)	1022.7	0	WNW	6	bc	63	75	8	4000	Cu	6	–	6	•
Plymouth (Cattewater)	1022.4	0	SW	5	bc	64	75	8	4000	Cu	3	–	3	1
Portland Bill	1021.7	+1	SW	5	bc+	62	75	8	2500	StCu	5	–	5	•
Southampton (Calshot)	1022.3	+2	SW	5	bc+	66	55	8	4000	StCu	7	–	7	0
Dungeness	1021.7	+5	WSW	5	bc-	70	35	8	2500	Cu	5	–	5	•
Guernsey (Fort George)	1024.8	+2	W'S	4	bc	64	65	9	2500	Cu	5	–	5	•

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1010.2	+4	W	2	bc	53	85	8	1500	Cu	5	aCu	7	•
Stornoway	1010.3	0	SSW	4	c+	56	85	8	4000	StCu	9	–	9	3
Wick	1012.6	+2	W	2	c	54	97	8	2500	StCu	6	CiSt	8	0
Tiree	1012.4	0	W'S	4	c/p	57	92	9	2500	CuNb	3	aCu	8	3
Nairn	1012.3	•	W	1	bc	56	65	8	2500	Cu	6	–	6	•
Aberdeen	1014.0	+3	S	1	bc/p	56	75	7	2500	StCu	4	–	4	0
Malin Head	1014.0	+2	WSW	2	c/r	58	85	7	4000	CuNb	3	CiCu	8	1
Renfrew	1015.3	+2	SW	3	c/bro	56	85	7	4000	StCu	9	aCu	10	•
Edinburgh (Inchkeith)	1015.4	+2	WSW	3	bc	59	75	8	4000	StCu	4	aCu	7	1
Leuchars	1014.9	+4	SW	2	c	58	75	8	4000	StCu	8	aSt	9	•
Eskdalemuir	1016.7	+3	SSW	3	c/pro	54	85	8	1500	StCu	10	–	10	•
Tynemouth	1017.4	+4	W	2	bc	60	75	7	1500	Cu	4	–	4	1
Blacksod Point	1012.7	0	SW	5	c	60	85	8	•	CuNb	9	–	9	6
Donaghadee	1016.8	+2	WSW	1	bc+	61	75	8	4000	StCu	4	CiSt	6	1
Birr Castle	1016.7	•	S	2	bc+	62	85	7	1500	StCu	7	–	7	•
Holyhead	1018.5	+2	SW'S	4	c/p	60	85	8	4000	Cu	1	CiSt	9	2
Liverpool (Bidston)	1019.8	+3	W	3	bc	61	65	8	2500	Cu	3	Ci	7	•
Chester (Sealand)	1019.6	+4	WSW	3	bc+	62	65	9	2500	Cu	3	Ci	7	•
Harrogate	1019.1	+3	SW	3	bc	57	75	8	4000	Cu	1	CiCu	3	•
Spurn Head	1019.4	+3	WSW	4	bc	62	75	6	4000	St	4	aCu	5	2
Birmingham (Edgbaston)	1021.4	+4	WSW	3	bc	61	45	8	2500	Cu	1	aCu	3	•
Cranwell	1020.8	+3	SW'W	2	bc	61	75	8	4000	StCu	2	CiCu	4	•
Gorleston	1021.4	+3	WSW	2	bc	65	55	7	5700	Cu	2	aCu	4	0
Valentia (Cahirciveen)	1017.3	-2	S	4	c+	60	85	8	1500	St	8	aSt	10	3
Roches Point	1019.9	0	SW	3	c	61	92	8	1500	StCu	9	–	9	4
Pembroke (St. Ann's H.)	1020.5	+2	W	4	bc	61	85	8	1500	Cu	3	Ci	5	1
Ross-on-Wye	1021.3	+4	W'S	3	bc	63	65	8	4000	StCu	2	Ci	6	•
Leafield	1022.0	+3	WSW	3	bc	60	75	8	5700	Cu	1	CiSt	3	•
Winchester (Worthy Dn.)	1023.5	+4	W	1	c/pR	60	92	8	1500	StCu	8	–	8	•
S. Farnborough	1023.0	+3	WSW	3	bc-	61	85	8	1500	StCu	5	–	5	•
London (Kew Obsy.)	1023.3	+3	SW'W	3	bc/p	64	65	8	4000	Nb	6	Ci	7	•
Croydon	1023.0	+2	SW'W	3	c/pro	62	75	8	2500	CuNb	8	–	8	•
Shoeburyness	1022.8	+4	WSW	2	bc	65	85	8	4000	Cu	6	–	6	•
Clacton-on-Sea	1022.6	+2	WSW	3	bc	65	55	7	5700	Cu	6	–	6	2
Felixstowe	1022.2	+3	WSW	2	bc-	66	65	8	4000	Cu	2	aCu	3	2
Lympne	1023.9	+3	W'S	3	b	61	75	7	–	–	0	aCu	1	•
Scilly (St. Mary's)	1023.7	0	SW'S	2	bc	61	85	8	4000	Cu	2	Ci	4	2
Falmouth (Pendennis)	1023.8	+1	SW'W	5	bc	62	75	8	4000	Cu	4	Ci	5	1
Plymouth (Cattewater)	1024.1	+2	WSW	5	c/p	61	85	8	4000	CuNb	8	Ci	8	1
Portland Bill	1023.2	+1	SW	5	c	62	85	8	2500	StCu	8	–	8	6
Southampton (Calshot)	1023.7	+2	WSW	5	bc+	63	75	7	2500	StCu	6	aCu	7	0
Dungeness	1022.9	+4	WSW	5	b-	63	75	8	2500	Cu	2	–	2	5
Guernsey (Fort George)	1026.1	+1	W	4	bc-	61	75	9	5700	StCu	1	CiSt	3	4

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

Station	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbbcy	bcepo	bwbffe	68	50	41	Tr	-	7.7	*	*	8
Croydon	244	cbcby	bcypfe	cbwcfm	68	52	47	Tr	Tr	7.4	*	*	8
Greenwich (Royal Obsy.)	149	by	bycfe	pbwmc	72	49	36	Tr	Tr	7.2	49	73	7
City (Bunhill Row)	50	*	*	*	*	*	*	*	*	6.7	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	69	53	46	-	-	7.1	51	69	*
Regent's Pk. (Botanic Gdns.)	165	*	*	*	*	*	*	*	*	6.6	*	*	*
Camden Square	110	bcb	bc	*	71	54	-	-	-	*	*	76	•
Kensington Palace	80	b	bbcc	*	69	52	43	-	-	*	(At 18h) 59	69	•
Hampstead Observatory	450	*	*	*	67	51	40	-	0.1	7.6	*	81	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
0.4	7h 7th	<0.3	11h 6th

Kew Observatory

Max.	Time.	Min.	Time.
<0.1 Throughout			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 19h. 45m. to 7th 4h. 15m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8 30	8 30	100
δ Ursae Minoris	8.30	8.30	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=Scaling to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

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

7th–8th September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.15	11.51	18.26
	5.16	11.51	18.24
Greenwich	5.23	11.58	18.32
	5.25	11.58	18.30
Wick	5.25	12.10	18.54
	5.27	12.10	18.51
Valentia	6.4	12.39	19.14
	6.5	12.39	19.11

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. l 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.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

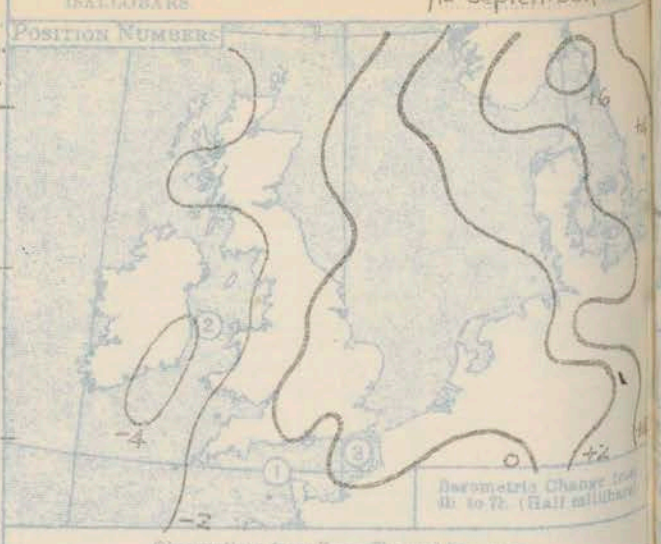
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 6th	18h.-18h. 6th	18h. 6th to 1h. 7th	1h.-7h. 7th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	SUN 6th Hours.
Lerwick	orrciRbc	bc	bc	beco r.	57	49	•	7	<8·00	1	4·30	5·2
Stornoway	p	c	r-d	r-d	60	53	•	1	11·00	5	<21·00	7·4
Wick	c r o r c	c	c r o r	c r o r	57	53	•	1	<8·00	3	<21·00	•
Tiree	b c c	c p o d	p d o c	r o r r	60	55	53	Tr.	14·30	10	<21·00	7·3
Nairn	c P R b c	bc	b c w	p c	61	52	•	1	11·00	0·1	4·30	6·9
Aberdeen	b c c p r	bc	b c c r o	r r i r o	62	52	44	Tr.	11·00	1	24·00	6·8
Malin Head	bc	b c c r o	c	c	61	57	•	0·3	12·30	–	–	5·9
Renfrew	b b c	b c b p o	c	c c r r o	63	54	50	Tr.	16·30	2	4·30	8·3
Edinburgh (Inchkeith)	~~c b c~~ c p r b c	p c	b c p r c	c	60	55	52	Tr.	<8·00	Tr	<21·00	6·0
Leuchars	c i r o b c	b c v y c	c p r o	o c i r o	64	53	51	0·3	<8·00	Tr	<21·00	6·1
Eskdalemuir	bc	c y v c p d o	c c m o	c c i r o	60	51	50	Tr.	15·30	Tr	1·30	5·3
Tynemouth	b c q	bc	bc	c	65	54	47	–	–	–	–	•
Blacksod Point ...	c	c	pr	RR	63	57	•	Tr.	•	16	•	•
Donaghadee	bc	bc	b c c	c	65	56	•	–	–	0·1	6·30	•
Birr Castle	b c p r o	bc	b c c	c i r o	65	55	52	Tr.	11·00	1	4·30	7·4
Holyhead	b c c p r o c b c	b b c	b c c m o	c	63	58	56	0·1	9·00	–	–	7·8
Liverpool (Bidston) ...	c c r o	c	b c b b	b b c	63	53	48	Tr.	11·00	–	–	9·7
Chester (Sealand) ...	b c y p r o	b c y V	b c b	bc	67	51	47	Tr.	11·00	–	–	10·2
Harrogate	b b c c q	c b b c	b	b b c c	62	52	48	–	–	–	–	9·6
Spurn Head	bc	bc	bc	bc	65	51 13	•	–	–	–	–	9·6
Birmingham (Edgbaston)	b b c	bc	b c	b c o	66	52	47	–	–	–	–	9·9
Cranwell	b c c	b c c p o	b c b	b c c	65	48	41	Tr.	14·30	–	–	8·6
Gorleston	c p r o b c	b c y	b c b	b b c w	69	51	49	Tr	<8·00	Tr	–	8·0
Valentia (Cahirciveen)	b b c p o	c	c	c p o c	63	59	55	0·2	11·00	Tr	4·30	3·1
Roches Point	b b c p o c	c	c	c	64	59	•	1	12·30	–	–	•
Pembroke (St. Ann's H.)	bc	bc	b c c	c	62	58	•	Tr.	9·00	–	–	8·6
Rose-on-Wye	~~b c c~~ b c c p o	b o b c	b c b w	b w c	68	53	49	Tr.	12·30	–	–	8·9
Leafield	bc	c b c	b c b	b f	65	47	44	–	–	0·1	–	10·4
Winchester (Worthy Dn.)	b c b b c c y	c y c P R	c p r b c	b c c 0 f o f c	68	43	38	1	17·30	0·5	<21·00	8·1
S. Farnborough ...	b c y	c y p r	b c p o b	b m o f f c	70	48	34	0·3	15·30	Tr	<21·00	7·5
London (Kew Obsy.) ...	c b b c y	b c c p o	b w	b f f w	68	50	41	Tr.	17·30	–	–	7·7
Croydon	c b c b y	b c y p r o	c b w	b w c F m	68	52	47	Tr.	~~[illegible]~~ 17·30	Tr	–	7·4
Shoeburyness	b	b b c	bc	b c w m.	70	52	44	–	–	Tr	–	7·9
Clacton-on-Sea ...	c b c	b c y	bc	bc	70	59	49	–	–	–	–	9·0
Felixstowe	c b y	b c y c	b c w	b w m.	68	54	50	–	–	Tr	–	8·7
Lympne	o c b c	b b c b	b w m.	b w b c m.	69	51	39	–	–	Tr	<21·00	9·0
Scilly (St. Mary's) ...	b b c	bc	b c c	c b c	65	57	•	–	–	–	–	11·8
Falmouth (Pendennis)	b c q	b c q	bc	b c o	66	57	•	–	–	–	•	11·5
Plymouth (Cattewater)	b c b q	b c q	c p r b	b b c m w	65	58	53	–	–	Tr	<21·00	7·1
Portland Bill	b c b b c	b c	c b	b b c	63	60	•	–	–	–	–	•
Southampton (Calshot)	b c y	b c y q b c q	b c w	b c w	69	55	42	–	–	Tr	–	10·5
Dungeness	c q c b c	b c q	b b c	b c b c w	71	58	•	–	–	–	–	•
Guernsey	b c q V	b c V	b c b v w	b b c v w	65	55	•	–	–	–	–	

ISALLOBARS — 7th September, 1928



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Visibility
2	10h 6th	Scotia	S'W	5	c	56	56	5
1	12h "	St. Julien	NW'N	6	c	63	62	7
3	1h 7th	Brighton	WSW	2	bc	62	62	5

GENERAL INFERENCE.

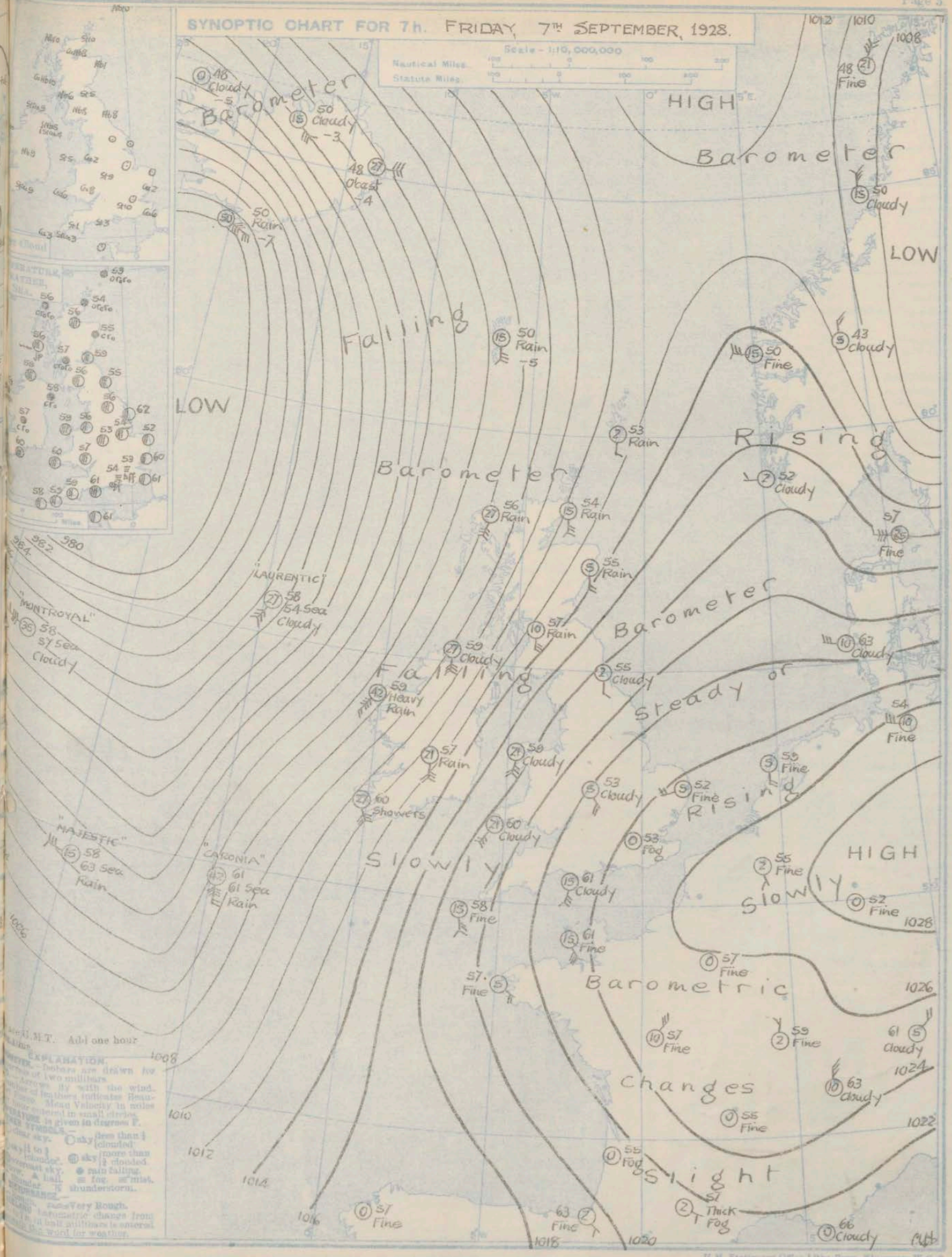
A very deep depression moving northeastwards on the Atlantic to the West of the British Isles will give rise to stormy and unsettled weather in Ireland and Scotland with southwesterly winds approaching gale force in exposed places. In England and Wales the conditions will gradually become less settled but in southeastern districts today will be mainly fair.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 7th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light to moderate south to southwest winds, becoming strong at times; bright intervals at first, later cloudy with occasional rain; rather warm to moderate temperature.	Unsettled in the North and West; doubtful in the extreme Southeast.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 (A.W. Scotland, B.N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	South to southwest winds, veering west, moderate to strong, approaching a gale at times in exposed places; cloudy, some rain; later bright intervals; moderate temperature.	South cone hoisted at 1700 G.M.T. yesterday in districts 17 and 20; and at 0400 G.M.T. today in districts 5, 6, 7, 8, 12, 13A, 13B, 15, 16 and 18.

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

§ For code see page 1

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Friday, 7th September ... 1928. No. 251

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

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	54	1011·6	+2	-	0	bc	51	95	8	2500	StCu	3	-	3	
Stornoway	30	1009·2	-2	S	5	ocr+	*	*	6	*	*	*	*	10	5
Wick	81	1012·0	-1	S	3	crr	54	97	8	1500	St	6	A·St	10	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	6
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Malin Head	84	1010·5	-3	SSE	6	c	58	85	7	5700	StCu	9	-	9	5
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	
Edinburgh (Inchkeith)	190	1015·3	0	SW	2	c	56	85	8	-	-	0	ASt	10	1
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	
Eskdalemuir	734	*	*	*	*	*	*	*	*	*	*	*	*	*	
Tynemouth	87	1013·0	+1	S	2	bc+	55	85	7	1500	Cu	3	A·St	7	0
Blackpool Point ..	18	1008·1	-4	SW	7	ocr+	59	85	6	*	Nb	10	-	10	9
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	
Holyhead	26	1018·5	0	SSW	4	cw	59	92	6	1500	St	1	A·St	9	4
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	
Spurn Head	29	1021·3	+1	SW'S	3	bc	53	92	6	4000	St	3	-	3	2
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cranwell	238	1022·4	+2	SSW	1	b	50	92	7	-	-	0	-	0	
Gorleston	14	1023·3	+2	SW'W	2	b	54	85	7	-	-	0	-	0	
Valentia (Cahirciveen)P	20	1013·7	-4	SW	4	vc+	59	92	9	*	Cu Nb	8	-	8	
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	4
Pembroke (St. Ann's H.)	157	1020·2	0	SW	4	c+	59	85	8	2500	StCu	5	-	5	3
Ross-on-Wye	222	*	*	*	*	*	*	*	*	*	*	*	*	*	
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obsy.) ...	18	*	*	*	*	*	54	*	*	*	*	*	*	*	
Croydon	344	1024·3	+1	SW	3	b	53	97	7	-	-	0	-	0	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	6
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	5
Lympne	380	1025·3	+2	W	3	b	53	97	6	-	-	0	-	0	
Scilly (St. Mary's) ...	163	1021·8	-3	S'W	4	cv+	58	85	9	4000	Cu	2	A·St	8	4
Falmouth (Pendennis)	206	1023·7	-1	SW	4	bc+	58	92	7	4000	Cu	5	-	5	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Portland Bill	32	1023·3	0	SW	3	bc+	60	85	8	2500	Cu	3	-	3	4
Southampton (Calshot)	10	1024·6	0	SW'W	3	bc	55	92	7	-	-	0	Ci	4	0
Dungeness	20	1025·2	+1	WSW	2	bc+	59	92	8	2500	Cu	4	-	4	2
Guernsey (Fort George) P	206														4

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	1011·0	-1	S	1	orr	53	92	7	1500	Nb	10	-	10	
Stornoway	1004·4	-3	SSW	6	orr	56	92	6	2500	Nb	10	-	10	5
Wick	1010·3	-2	S	4	orr	54	97	8	1500	St	10	-	10	3
Tiree	1006·4	-1	S	6	cjp	56	97	7	1500	CuNb	10	-	10	6
Nairn	1009·4	*	W	1	c+	56	85	8	2500	CuNb	8	-	8	
Aberdeen	1013·9	0	S	2	cr	55	92	7	1500	Nb	1	ASt	10	0
Malin Head	1006·4	-3	S	6	c	59	75	7	5700	StCu	9	-	9	5
Renfrew	1013·3	-2	S	3	crr	57	92	7	2500	Nb	6	ASt	10	
Edinburgh (Inchkeith)	1013·3	-1	SW	4	c	59	75	8	1500	St	4	ASt	10	1
Leuchars	1013·7	-1	S	4	c|r	58	85	8	2500	Nb	5	ASt	10	
Eskdalemuir	1015·4	-2	S'W	5	c|r	56	92	7	1500	Nb	8	ACu	9	
Tynemouth	1018·1	-1	S	1	c	55	85	6	1500	Nb	8	-	8	0
Blackpool Point ..	1003·0	-3	SW	8	oRR	59	85	7	*	Nb	10	-	10	9
Donaghadee	1014·4	-3	SSW	4	crr	58	92	7	2500	Nb	9	-	9	3
Birr Castle	1011·1	*	S	5	crr	57	92	6	1500	Nb	9	-	9	
Holyhead	1016·1	-3	S'W	5	c	59	85	8	800	St	5	ASt	9	4
Liverpool (Bidston) ...	1018·9	-1	SSE	2	bc	56	85	8	2500	Cu	2	CiSt	7	
Chester (Sealand) ...	1019·0	-1	S'E	3	c+	57	85	7	-	-	0	ASt	8	
Harrogate	1019·8	0	SSW	3	c	56	85	6	-	-	0	CiCu	9	
Spurn Head	1021·7	0	W	4	bc	62	85	6	-	-	0	CiCu	6	2
Birmingham (Edgbaston)	1022·4	0	SSE	2	c-	53	92	8	800	St	9	-	9	
Cranwell	1022·6	0	S	3	c+	54	97	7	-	-	0	Ci	8	
Gorleston	1024·4	+1	WSW	2	bc	52	85	6	-	-	0	Ci	5	0
Valentia (Cahirciveen)P	1008·6	-3	S'E	6	c|pr	60	85	8	1500	St	8	ASt	10	3
Roches Point	1013·6	-4	SW	5	c	60	85	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	1018·2	-2	SW	5	c	60	85	8	1500	Cu	6	ACu	9	3
Ross-on-Wye	1021·5	0	SW'S	3	c	57	85	7	4000	Cu	8	Ci	9	
Leafield	1022·8	0	S'E	3	ffo	52	97	2	220	St	10	-	10	
Winchester (Worthy Dn.)	1023·9	0	-	0	fc-	54	97	2	1500	St	6	Ci	9	
S. Farnborough ...	1023·3	0	S	1	ffo	54	97	2	<150	St	10	-	10	
London (Kew Obsy.) ...	1024·7	0	-	0	ffb	53	97	2	-	-	0	-	0	
Croydon	1024·2	0	SSW	2	fc-	55	97	4	<150	St	7	Ci	8	
Shoeburyness	1025·6	0	-	0	b	63	75	6	-	-	0	CiCu	2	
Clacton-on-Sea ...	1024·7	0	SW	3	bc	60	85	7	7200	Cu	2	ACu	6	2
Felixstowe	1024·7	+1	SW	2	bc+	58	92	6	1500	St	4	Ci	5	0
Lympne	1025·1	+1	SW	2	c+	57	92	6	1500	St	8	-	8	
Scilly (St. Mary's) ...	1019·1	-2	S'E	4	bc-	58	85	8	4000	Cu	3	CiSt	5	4
Falmouth (Pendennis)	1020·0	-1	SSW	5	bc	59	85	8	4000	StCu	3	CiCu	5	2
Plymouth (Cattewater)	1021·6	-1	S	3	bc	59	85	7	1500	St	1	ACu	6	0
Portland Bill	1022·6	0	SSW	4	c+	61	85	8	1500	St	3	Ci	8	4
Southampton (Calshot)	1024·1	-1	SSE	3	bc+	60	85	7	4000	StCu	2	Ci	6	0
Dungeness	1024·9	0	SW	1	bc+	61	85	8	1500	Cu	6	Ci	7	2
Guernsey (Fort George) P	1023·5	-1	SSE	4	bcv+	61	75	9	-	-	0	ACu	7	4

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 5th to 9h. 6th.	Temperature. Max. 9h. 17th. 6th.	Rainfall.† Night 17h.-9h. 5th - 6th.	Rainfall.† Day 9h.-17h. 6th.	Sunshine. Sunrise to 17h. 6th.	Sunshine. Sunrise to Sunset. 5th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cbc	bcc	53	64	6	-	4·5	3·0
Douglas (I. o. M.) ...	bcb	bcb	?	63	4	-	8·6	5·3
Llandudno ...	cbc	bc	54	64	4	-	9·4	2·2
Colwyn Bay ...	b	b	52	66	6	-	10·5	3·0
Rhyl	bc	b	54	66	11	-	9·3	4·4
Wallasey	bcpo	bcb	55	67	8	Trace	8·8	6·1
Southport	cbcco	obcb	*55	63	9	1	8·8	6·0
Blackpool	ord	cbcc	56	63	11	-	7·9	6·1
Ilkley	b	b	52	63	2	-	7·7	8·5
Cleethorpes... ...	b	bcou	57	68	-	-	9·2	11·5
Skegness	cbcbbc	bccbc	57	66	-	-	8·4	10·5
Aberystwyth ...	brc	bc	55	62	10	5	6·8	5·3
Bath	bbc	bcpo	54	67	1	Trace	7·6	9·5
Cheltenham‡ ...	bbcc	bc	53	67	3	-	8·8	8·9
Leamington Spa ...	c	cbc	54	65	3	0·1	7·0	8·5
Lowestoft	b	bbcc	60	69	-	-	7·5	11·3
Harwich & Dovercourt	bc	bc	60	69	-	-	8·1	11·1
Maldon	bcb	bbc	60	70	-	-	8·1	10·3
Southend	bbcb	bbcb	60	72	-	-	8·2	11·4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe ...	cb	bcp	58	64	14	0·1	7·4	6·2
Bude	co	orrco	57	64	5	0·4	8·0	4·5
Penzance	b	b	53	68	0·4	-	9·7	3·5
Paignton	bc	cq	52	68	1	-	8·6	7·3
Torquay	rbbbc	pcc	53	70	1	Trace	8·7	7·5
Jersey	bc	b	57	66	-	-	10·9	9·8
Weymouth	b	b	55	69	2	-	10·2	8·2
Bournemouth ...	b	b	54	68	0·3	-	10·7	10·0
Ventnor ...	b	b	55	65	-	-	10·1	10·2
Portsmouth (S'thsea)	b	b	57	69	-	-	10·3	10·1
Bognor	b	b	58	69	-	-	10·5	10·0
Littlehampton ...	bcb	b	57	66	-	-	10·2	9·6
Worthing	bcb	bbc	57	69	-	-	10·2	9·9
Brighton	bcb	b	58	68	-	-	10·1	9·7
Eastbourne‡... ...	bcb	b	59	67	-	-	9·4	10·4
Hastings‡	bcbb	b	59	69	-	-	8·6	10·7
Folkestone	cbc	bcb	60	70	-	-	7·5	10·3
Dover	cbc	bco	61	69	-	-	7·2	10·7
Tunbridge Wells ...	b	bbcb	58	69	-	-	8·3	10·2
Ramsgate	bcb	b	60	70	-	-	7·7	11·0
Margate	bc	bc	60	69	-	-	7·1	11·0
Deal	ccb	b	61	72	-	-	7·1	10·0

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24,397. Saturday 8th September 1928.

Observations at 13h. 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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1009.0	-2	S	2	c	55	92	7	2500	StCu	4	a St	9	•
Stornoway	1002.1	-3	S	6	o/pro	58	85	6	2500	Nb	10	—	10	•
Wick	1007.4	-2	SSW	4	c	57	92	8	2500	StCu	6	a St	10	•
Tiree	1004.5	-2	S	6	oro	57	97	7	800	Nb	10	—	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1012.5	-1	S	4	c	57	85	7	800	St	1	a St	10	1
Malin Head	1004.4	-3	S	6	c	60	75	8	2500	St	4	a St	10	•
Renfrew	1011.7	0	SSW	5	cro	60	85	7	2500	Nb	8	a St	10	2
Edinburgh (Inchkeith)	1012.1	-2	SSW	4	c	60	75	8	4000	Cu	8	a Cu	10	•
Leuchars	1012.8	-1	S	4	c	60	75	8	2500	StCu	5	a St	10	1
Eskdalemuir	1013.7	-2	SW	7	c	58	75	8	2500	Cu	10	—	10	2
Tynemouth	1016.2	-2	S	3	o	61	75	6	1500	Nb	10	—	10	•
Blacksod Point	999.9	-3	SW	8	oRR	59	85	6	•	Nb	10	—	10	•
Donaghadee	1012.1	-2	SSW	7	c/p	59	85	7	2500	StCu	9	—	9	•
Birr Castle	1007.7	•	S	5	cro	61	85	6	450	St	8	—	8	•
Holyhead	1014.6	-2	SW	5	c	62	75	8	2500	Cu	1	a Cu	9	1
Liverpool (Bidston)	1016.9	-2	SSE	3	c	63	65	8	2500	Cu	3	Ci St	8	•
Chester (Sealand)	1016.7	-3	S	4	c	65	65	8	2500	Cu	3	a Cu	8	1
Harrogate	1017.6	-1	SWS	5	bc	65	55	7	4000	Cu	2	Ci Cu	6	•
Spurn Head	1019.5	-1	SW	4	bc	69	65	7	4000	Cu	4	Ci Cu	7	•
Birmingham (Edgbaston)	1019.4	-2	SSE	4	bc	67	55	8	2500	StCu	6	Ci	7	1
Cranwell	1021.0	-2	SW	5	c+	68	65	8	4000	Cu	6	Ci	8	0
Gorleston	1023.4	-1	SE	5	bc	67	65	6	5700	Cu	2	Ci	5	•
Valentia (Cahirciveen)	1005.4	-4	SE	6	crr	59	92	6	1500	St	7	a St	10	1
Roches Point	1012.0	-4	SW	5	c	61	92	8	1500	StCu	5	Ci Cu	8	•
Pembroke (St. Ann's H.)	1015.8	-3	SSW	5	bc-	63	75	8	1500	Cu	4	Ci St	6	•
Ross-on-Wye	1018.5	-2	SW	4	bc	68	55	8	4000	Cu	3	Ci St	5	0
Leafield	1019.7	-3	S	5	bc	68	55	9	4000	StCu	2	Ci St	4	0
Winchester (Worthy Dn.)	1021.0	-2	SE	4	bc	66	65	8	2500	Cu	3	Ci	5	0
S. Farnborough	1021.3	-2	SSE	4	bc	69	45	8	4000	Cu	1	Ci	4	0
London (Kew Obsy.)	1021.7	-4	S	4	bc	68	55	9	—	—	0	Ci	3	0
Croydon	1021.6	-4	SE	4	bc	68	55	8	—	—	0	Ci	5	0
Sheerness	1022.7	-2	SE	4	bc	71	65	8	4000	Cu	1	Ci St	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1023.2	-3	SE	4	bc	67	65	8	2500	Cu	2	Ci	3	0
Lympne	1023.4	-2	S	3	b	64	65	8	—	—	0	Ci	1	0
Scilly (St. Mary's)	1016.3	-2	SE	4	bc	67	75	8	4000	Cu	2	Ci St	5	•
Falmouth (Pendennis)	1017.2	-3	S	4	bc	63	92	8	4000	Cu	2	Ci	5	•
Plymouth (Cattewater)	1018.5	-3	SSE	5	b-	65	85	8	2500	Cu	1	Ci	2	0
Portland Bill	1020.0	-1	SE	3	c	64	75	8	2500	StCu	3	Ci	8	•
Southampton (Calshot)	1021.6	-3	SEE	5	bc+	69	65	8	2500	StCu	1	Ci	4	0
Dungeness	1024.1	-3	S	1	bc-	66	65	8	1500	Cu	1	Ci Cu	4	•
Guernsey (Fort George)	1020.3	-3	SE	4	bc	65	65	8	—	—	0	a Cu	4	•

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1006.6	-4	S	2	a/p	55	92	7	1500	StCu	10	—	10	•
Stornoway	998.5	-6	S	7	orr	57	85	6	2500	Nb	10	—	10	6
Wick	1004.8	-4	S	5	cro	55	97	8	1500	St	8	a St	10	3
Tiree	1001.1	-4	SW	7	orr	57	92	5	450	Nb	10	—	10	6
Nairn	1004.6	•	W	2	c	60	75	8	2500	CuNb	8	—	8	•
Aberdeen	1009.6	-3	S	4	c-	58	75	7	—	—	0	a Cu	8	4
Malin Head	1002.0	-2	S	6	cro	59	85	7	4000	Nb	6	a St	10	4
Renfrew	1008.7	-3	S	6	c	60	65	9	4000	StCu	8	a St	10	•
Edinburgh (Inchkeith)	1009.9	-3	SSW	4	c	62	65	8	4000	Cu	7	a Cu	9	2
Leuchars	1009.8	-4	SSW	5	c	60	75	8	2500	StCu	2	a St	9	•
Eskdalemuir	1011.5	-3	SW	5	c	57	75	8	2500	StCu	7	Ci	9	•
Tynemouth	1013.1	-3	S	2	bc	63	75	7	1500	Cu	4	a Cu	6	1
Blacksod Point	1002.0	+2	SW	4	bc	59	85	8	•	CuNb	7	—	7	5
Donaghadee	1003.4	-3	SW	7	c+	59	85	7	2500	StCu	9	—	9	4
Birr Castle	1005.8	•	S	3	orr	59	97	6	1500	Nb	10	—	10	•
Holyhead	1012.0	-2	SSW	4	c	61	85	8	4000	St	6	a St	9	4
Liverpool (Bidston)	1013.8	-3	SSE	2	c+	63	65	8	2500	StCu	3	Ci St	8	•
Chester (Sealand)	1013.8	-1	SW	3	c	65	55	9	1500	St	2	a Cu	8	•
Harrogate	1014.6	-3	S	1	bc	62	65	6	—	—	0	a Cu	5	•
Spurn Head	1016.2	-3	SES	5	bc	65	85	7	—	—	0	a St	6	3
Birmingham (Edgbaston)	1016.4	-2	SSE	4	bc+	64	55	8	—	—	0	Ci St	7	•
Cranwell	1018.2	-2	S	4	bc+	64	75	8	—	—	0	Ci	7	•
Gorleston	1020.0	-4	SSE	4	bc-	64	75	6	—	—	0	Ci Cu	3	1
Valentia (Cahirciveen)	1006.3	+4	SW	3	b	60	85	8	1500	Cu	1	Ci Cu	2	3
Roches Point	1008.5	-3	SW	4	orr	60	97	7	800	Nb	10	—	10	6
Pembroke (St. Ann's H.)	1012.7	-4	S	5	c+	61	85	8	1500	StCu	10	—	10	4
Ross-on-Wye	1015.5	-2	S	3	c+	65	55	8	—	—	0	Ci	8	•
Leafield	1017.1	-2	SE	4	bc	61	65	9	5700	StCu	1	Ci	5	•
Winchester (Worthy Dn.)	1018.4	-3	SE	2	bc	62	65	8	—	—	0	Ci	3	•
S. Farnborough	1018.7	-2	SE	1	b	65	55	7	—	—	0	Ci	1	•
London (Kew Obsy.)	1019.0	-1	SSE	2	b	66	45	8	—	—	0	Ci	2	•
Croydon	1019.3	-2	SSE	3	b-	65	55	8	—	—	0	Ci	1	•
Sheerness	1019.7	-3	SSE	2	b	64	85	6	—	—	0	a Cu	2	•
Clacton-on-Sea	1020.0	-2	SE	4	bc	63	85	7	—	—	0	Ci	3	3
Felixstowe	1020.1	-4	SE	4	b	63	85	8	—	—	0	Ci	1	3
Lympne	1019.8	-2	ESE	3	b	61	65	8	—	—	0	Ci	1	•
Scilly (St. Mary's)	1014.2	-3	SSE	4	c+	62	92	6	4000	Cu	1	a St	8	5
Falmouth (Pendennis)	1014.5	-4	S	3	c+	61	97	7	4000	StCu	10	—	10	1
Plymouth (Cattewater)	1015.8	-4	SE	5	bc+	62	75	7	5700	StCu	1	Ci	~~8~~ 6	1
Portland Bill	1017.1	-3	E	4	bc-	63	85	8	2500	StCu	3	Ci	6	4
Southampton (Calshot)	1018.3	-3	ESE	5	bc	64	75	7	—	—	0	Ci St	3	3
Dungeness	1019.5	-5	S	2	bc	63	85	8	—	—	0	Ci Cu	4	2
Guernsey (Fort George)	1017.3	-3	SE	1	bc-	65	65	9	—	—	0	a Cu	3	3

London Observations.

Obs. 7h.-18h., Kew & Croydon. 9h.-18h., Kensington. 8h.-21h., other stations.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bcw	by	bwbfbcw	71	48	38	-	-	10.0	•	•	5
Croydon	244	cmnbcy	bcby	bfbwbc	70	54	47	-	-	10.8	•	•	6
Greenwich (Royal Obsy.)	149	cy	cbcy	bcbwc	72	49	33	-	-	11.0	45	68	6
City (Bunhill Row)	89	•	•	•	•	•	•	•	•	10.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	71	54	45	-	-	10.3	81	67	•
Regent's Pk. (Botanic Grns.)	103	•	•	•	•	•	•	•	•	8.6	•	•	•
Camden Square	110	cbc	b	•	74	50	*	-	-	•	•	85	•
Kensington Palace	80	bc	bcb	•	72	50	41	-	-	•	(At 18h.) 53	58	•
Hampstead Observatory	400	•	•	•	67	52	38	-	-	10.0	•	65	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.2	7h 8th	<0.3	12h 7th

Kew Observatory: Defective

Pole Star Record at Greenwich Obsy.

Exposure from 7th 19h 45m to 8th 4h 15m

Stars.	Exposure.	Record. h. m.	Record. %
Polaris	h. m. 8·30	8·30	100
δ Ursæ Minoris	8·30	8·30	100

Code for State of Ground.

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

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

7th.-8th. September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·16	11·51	18·24
	5·18	11·50	18·22
Greenwich	5·25	11·58	18·30
	5·26	11·57	18·27
Wick	5·27	12·10	18·51
	5·30	12·10	18·49
Valentia	6·5	12·39	19·11
	6·7	12·38	19·9

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ra 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 "sandus" divides actual existing weather from preceding conditions thus:—bc/r = fair weather after rain; — = has decreased, + = has increased.

Beaufort Scale of Wind

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.

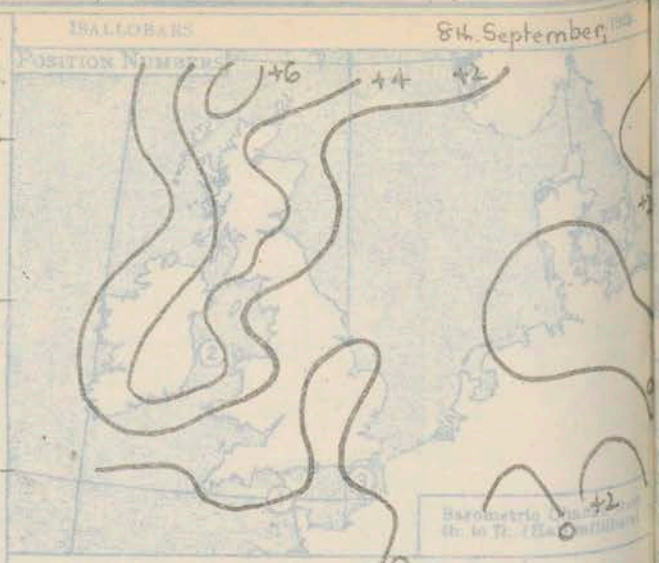
International Telegraphic Code for Surface Visibility.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 7h.	Weather. 18h.-18h. 7h.	Weather. 18h. 7h. to 1h. 8h.	Weather. 1h.-7h. 8h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 7h. Hours.
Lerwick	oroC	c	or₀r₀	ccipr₀	56	53	•	0·2	<8·00	3	<21·00	0·0
Stornoway	r	r	p	r-d	59	53	•	6	<8·00	3	<21·00	0·0
Wick	crorc	cror	currc	bbc	58	54	•	1	<8·00	1	<21·00	•
Tiree	opr	rr	rcbc	bcpR	58	55	51	10	<8·00	4	<21·00	0·0
Nairn	cbcc	c	bcwq	cq	65	52	•	–	–	–	–	0·1
Aberdeen	circ	czoC	cbc	bcbw₃₀	59	55	50	Tr.	<8·00	–	–	0·1
Malin Head	cp₀	cir	cp₀bc	b	60	53	•	3	11·00	1	<21·00	0·0
Renfrew	croq	croq	orrqc	bcwcm₀	62	52	48	1	9·00	3	<21·00	0·0
Edinburgh (Inchkeith)	p	c	c	or₀r₀m₀c	62	55	53	Tr.	<8·00	1	3·30	0·1
Leuchars	circ	c	c	crrcm₀bc	62	54	51	Tr.	<8·00	2	1·30	0·0
Eskdalemuir	oroc	c	cbcor₀	or₀r₀m₀	60	54	53	1	<8·00	9	22·00	0·7
Tynemouth	co	cbc	bco	oir₀	67	57	52	–	–	2	2·30	•
Blacksod Point ...	RqR	Rc	pc	b₀c	61	54	•	41	•	1	•	•
Donaghadee	circ	circ	ir₀bc	bcb	60	48	•	0·1	<8·00	2	<21·00	•
Birr Castle	cir₀	orrm₀	orrc	bcm₀	62	48	36	3	<8·00	2	<21·00	0·0
Holyhead	c	cbccq	c,ddmq	rrcm₀	64	57	55	–	–	7	22·00	1·8
Liverpool (Bidston) ...	c	cbcc	c	cror₀	65	56	54	–	–	1	1·30	1·3
Chester (Sealand) ...	c	cvy	c	c,ir₀	69	57	54	–	–	0·3	4·30	3·5
Harrogate	cbcq	bc	bcc	cir	67	54	52	–	–	0·1	3·30	6·5
Spurn Head	bc	bc	bc	bc	71	56	•	–	–	–	–	8·3
Birmingham (Edgbaston)	cbc	bc	bcc	c	69	54	50	–	–	–	–	7·4
Cranwell	c	bc	bbc	bcc	70	45	39	–	–	–	–	9·5
Gorleston	bczq	bcq	bw	bw₃₀	68	59	53	–	–	Tr	<21·00	10·9
Valentia (Cahirciveen)	cpcrr	cRbc	bycc	bccr₀	62	49	44	27	<8·00	1	6·30	1·6
Roches Point	cp₀c	corr	orrcbc	bccffcc	63	48	•	6	11·00	4	<21·00	•
Pembroke (St. Ann's H.)	cbc	bcc	orrm₀	or₀crrff	63	61	•	–	–	4	<21·00	8·5
Ross-on-Wye	cbc	bcyc	c bcc	cw	70	55	51	–	–	–	–	7·7
Leafield	fcbc	bc	bc	bc	68	50	47	Tr.	–	–	–	7·7
Winchester (Worthy Dn.)	cfcbc	bc	bcbbc	bcwc	68	48	37	–	–	–	–	10·3
S. Farnborough ...	cfabcy	bcby	byb	bbc	70	48	35	Tr.	–	–	–	9·5
London (Kew Obsy.) ...	bcw	by	bm₀	bfbcm	71	48	38	–	–	–	–	10·0
Croydon	cm₀mbcy	bcby	by	bwbc	70	54	47	–	–	–	–	10·8
Shoeburyness	bm₀bc	bcb	bc	bcw	72	53	39	–	–	Tr	–	11·6
Clacton-on-Sea ...	bc	bc	bc	bc3	68	61	55	–	–	–	–	11·1
Felixstowe	bcm₀bc	bcb	b	bm₀w	68	62	60	–	–	–	–	11·4
Lympne	cm₀bcb	b	b	bbm₀	68	54	45	–	–	–	–	11·3
Scilly (St. Mary's) ...	bc	bccm₀	coir	omrfdc	67	59	•	–	–	1	22·00	7·1
Falmouth (Pendennis)	bcq	bcc	c	crm₀	64	61	•	–	–	0·1	4·30	8·3
Plymouth (Cattewater)	bcb	b-c	bcco	ocrm₀	67	60	59	–	–	Tr	6·30	8·7
Portland Bill	c	cbc	bcwc	c	68	60	•	–	–	–	–	•
Southampton (Calshot)	b-bc	b-bc	bcbw	bbcw	70	57	51	–	–	Tr	–	10·4
Dungeness	bc	bc	bcb	bbc	66	61	•	–	–	–	–	•
Guernsey	bcvq	bcv	bcbv	bbc	68	60	•	–	–	–	–	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	10h 7th	Scotia	S'W	7	c+	58	57	7
1	12h "	St. Helier	S	4	bc-	64	62	8

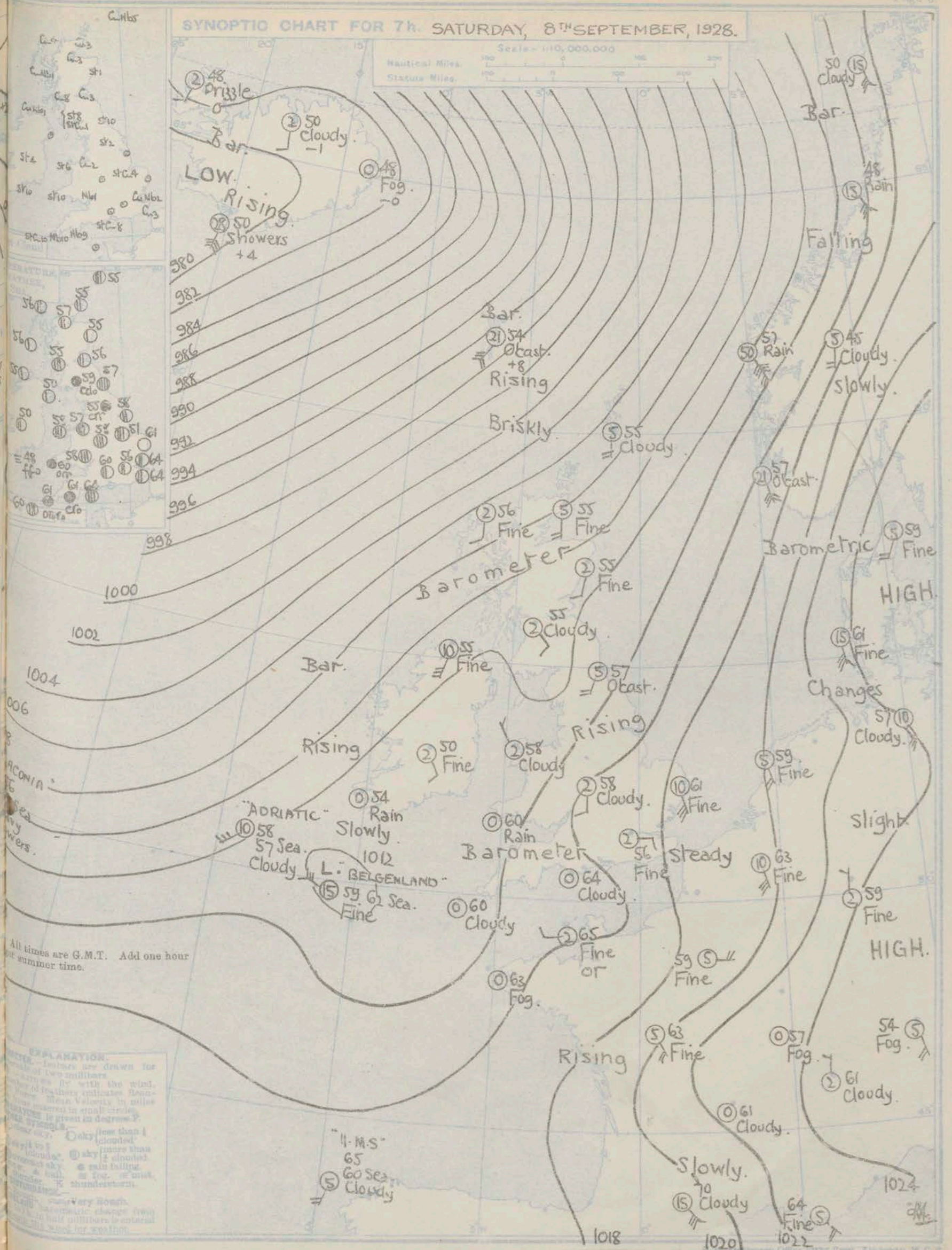
GENERAL INFERENCE.

A depression off S.W. Iceland is filling up, while a shallow secondary off our S.W. coasts is moving slowly eastwards and also tending to fill up.
Weather will be rather unsettled in most districts but fine and warm for a time in the Southeast.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 8th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind southerly to variable, light; fine today, less settled tomorrow, with a tendency for thunder; local morning fog; warm.	Rather unsettled but bright periods.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind southerly to variable, light; cloudy, occasional rain; local mist or fog; moderate temperature.	
12. S.W. Scotland & Isle of Man 13. (A.W. Scotland (B.N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to variable, light; considerable bright periods; local showers; local morning mist or fog; moderate temperature.	

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

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


SYNOPTIC CHART FOR 7h. SATURDAY, 8TH SEPTEMBER, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Bar.
LOW.
Rising.
Drizzle
Cloudy
Fog.
Showers
Bar.
Falling
Rain
Cloudy
Bar.
Ocast.
Rising
Briskly
Cloudy
Rain
Cloudy.
Slowly.
Ocast.
Fine
Fine
Barometer
Fine
Fine
Barometric
HIGH.
Cloudy
Fine
Changes
Cloudy.
Bar.
Rising
Rising
Fine
Cloudy
Fine
Cloudy.
Fine
Fine
"ADRIATIC"
Rain
Slowly
Sea.
Cloudy
L. "BELGENLAND"
Sea.
Fine
Rain
Barometer
Cloudy
Cloudy
Cloudy.
Fine
steady
Fine
Fine
Slight
Fine
HIGH.
Fine
or
Fog.
Rising
Fine
Fog.
Fog.
Cloudy.
Cloudy.
Slowly.
Cloudy
Fine
"H.M.S."
Sea
Cloudy
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
All times are G.M.T. Add one hour for summer time.
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday, 8th September 1928. No. 257.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 8th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-6	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sun 0-6
Lerwick	54	1003.7	-1	S	5	or.s	55	85	7	1500	Nb	10	-	10	
Stornoway	32	1002.1	+6	WSW	6	bc/pr	*	*	7	*	*	*	*	6	1
Wick	81	1004.6	+3	SW	4	c	57	92	8	1500	St	6	A St	8	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	4
Nairn	52	*	*	*	*	*	*	*	*	*	*	*	*	*	
Aberdeen	68	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Malin Head	8	1007.1	+3	SSW	4	b	56	85	8	-	-	0	A Cu	1	
Renfrew	83	*	*	*	*	*	*	*	*	*	*	*	*	*	3
Edinburgh (Inchkeith)	196	1008.4	+1	SW	3	c	59	85	9	1500	St	5	A St	10	
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	
Tynemouth	87	1012.2	0	S	3	ojp	59	75	7	1500	Nb	10	-	10	
Blackpool Point	18	1007.1	+3	SW	4	bc	58	85	7	*	CuNb	7	-	7	2
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	
Holyhead	36	1011.3	0	S'W	4	od	59	97	5	800	Nb	10	-	10	
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	3
Spurn Head	29	1016.1	0	S'E	4	bc	58	85	7	-	-	0	C Cu	3	2
Birmingham (Edgbaston)	625	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cranwell	336	1017.0	-1	SSE	3	bc	51	92	6	7200	-	0	A St	3	
Gorleston	14	1018.9	-1	S'E	3	b	62	85	7	-	-	0	-	0	0
Valentia (Cahirciveen) P	30	1011.8	+3	SW	2	b-	57	92	9	-	-	0	-	0	1
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*	2
Pembroke (St. Ann's H.)	180	1012.5	0	SSW	5	or.s	61	97	6	800	St	10	-	10	1
Ross-on-Wye	335	*	*	*	*	*	*	*	*	*	*	*	*	*	
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	
Winchester (Worthy Park)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	
S. Farnborough	320	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obsy.)	18	*	*	*	*	*	51	*	*	*	*	*	*	*	
Croydon	344	1017.6	-2	SSE	4	b	58	75	7	-	-	0	-	0	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	3
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	9
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1
Lympne	328	1018.9	0	SSE	3	b	61	65	7	-	-	0	-	0	
Scilly (St. Mary's)	162	1013.8	-1	S'W	4	or	61	97	7	4000	Nb	10	-	10	2
Falmouth (Pendennis)	209	1014.8	0	SSE	3	c	61	97	7	4000	St Cu	10	-	10	1
Plymouth (Cattewater)	63	*	*	*	*	*	*	*	*	*	*	*	*	*	0
Portland Bill	32	1015.3	-1	SE	1	c	63	85	8	-	-	0	Ci	8	1
Southampton (Calshot)	10	1016.8	-2	E NE	2	b	59	85	7	-	-	0	Ci	2	0
Dungeness	20	1018.3	-3	SSE	2	b-	63	85	8	-	-	0	-	0	3
Guernsey (Fort George) P	205														1

Stations	Observations at 7h. G.M.T. 8th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-6	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sun 0-6
Lerwick	1007.1	+5	S	2	cjp	55	92	7	1500	CuNb	5	A St	9	*
Stornoway	1006.6	+6	S	1	bc	56	85	7	4000	Cu	4	-	4	1
Wick	1008.4	+3	S	2	bc	55	92	8	2500	Cu	3	CuSt	4	0
Tiree	1009.0	+2	SSW	4	b	56	92	8	1500	CuNb	1	-	1	4
Nairn	1009.2	*	W	1	bc-	57	85	8	2500	Cu	3	-	3	*
Aberdeen	1011.3	+3	SSW	1	b	55	97	6	450	St	1	CiCu	1	0
Malin Head	1010.5	+3	SSW	3	bjp	55	85	8	4000	CuNb	1	A Cu	2	3
Renfrew	1012.1	+4	SE	1	c+	55	97	6	2500	Cu	8	-	8	*
Edinburgh (Inchkeith)	1012.9	+3	WSW	2	bc-	56	97	7	4000	Cu	3	Ci	6	1
Leuchars	1011.5	+5	SW	3	b-	56	92	8	5700	StCu	2	Ci	2	*
Eskdalemuir	1011.9	+4	SW'S	2	cd.	57	97	6	1500	St	9	-	9	*
Tynemouth	1013.5	+1	SSW	1	o/r	57	85	6	1500	St	10	-	10	2
Blackpool Point	1010.9	+2	SW	3	bc	57	85	7	*	CuNb	7	—	7	2
Donaghadee	1013.0	+3	W	2	b	50	97	8	-	-	0	Ci	2	2
Birr Castle	1012.7	*	SE	1	bc-	50	97	6	450	St	4	-	4	*
Holyhead	1012.9	+4	NW'N	1	c	58	92	7	4000	St	6	A Cu	9	1
Liverpool (Bidston)	1013.9 (4.2)	+2	SE	3	c/r	57	85	7	1500	Cu	2	A St	10	*
Chester (Sealand)	1013.9	+2	SSE	3	cr.	58	92	6	1500	StCu	10	-	10	*
Harrogate	1015.2	0	S	2	crr	55	85	5	2500	St	2	A St	10	3
Spurn Head	1016.4	0	S	4	bc+	58	92	6	-	-	0	CiCu	7	2
Birmingham (Edgbaston)	1016.4	0	S	1	c+	58	75	8	-	-	0	A St	9	*
Cranwell	1016.9	0	ESE	1	c	51	92	6	4000	StCu	4	A Cu	9	*
Gorleston	1018.1	+1	S'E	3	b	61	85	6	-	-	0	-	0	0
Valentia (Cahirciveen) P	1013.2	+2	-	0	cr.	54	97	8	1500	St	7	A St	10	1
Roches Point	1013.9	+4	N	2	ffo	48	97	3	450	St	10	-	10	2
Pembroke (St. Ann's H.)	1013.0	0	SW	1	orr	60	97	3	800	St	10	-	10	1
Ross-on-Wye	1015.4	+1	-	0	c	58	85	6	4000	Nb	1	A St	9	*
Leafield	1016.1	0	SE	2	bc	54	85	8	4000	Cu	2	A Cu	7	*
Winchester (Worthy Park)	1016.4	+2	E	1	c	55	92	8	-	-	0	A Cu	8	*
S. Farnborough	1016.6	0	SSE	3	bc+	60	85	7	-	-	0	Ci	7	*
London (Kew Obsy.)	1017.0	0	E	1	bc/m	56	85	5	-	-	0	Ci	7	*
Croydon	1017.3	+1	S'E	3	bc+	59	85	6	-	-	0	Ci	4	*
Shoeburyness	1017.6	0	S'E	1	bc.	63	85	7	-	-	0	CiCu	3	*
Clacton-on-Sea	1018.1	0	SE	4	bc	64	85	6	4000	CuNb	2	CiCu	3	9
Felixstowe	1018.0	0	S'E	2	b	65	85	6	-	-	0	CiCu	1	1
Lympne	1019.2	+1	S'E	2	b+	62	85	6	-	-	0	A Cu	2	*
Scilly (St. Mary's)	1013.4	0	-	0	cjf	60	97	6	4000	StCu	10	-	10	2
Falmouth (Pendennis)	1013.1	0	SSE	3	o.r.	61	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	1015.2	+1	ESE	2	cr.	61	92	6	450	Nb	9	-	9	0
Portland Bill	1015.3	+1	-	0	c	64	85	8	2500	StCu	8	A St	10	1
Southampton (Calshot)	1016.2	0	E N	3	bc+	62	85	7	5700	StCu	4	A Cu	7	0
Dungeness	1018.2	+1	S	2	bc+	64	85	7	4000	Cu	3	-	3	3
Guernsey (Fort George) P	1016.0	-1	W	1	bc+	65	65	8	-	-	0	Ci	7	1

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. 9h. 6th to 9h. 7th	Temperature Max. 9h. - 17h. 7th	Rainfall Night 17h.-9h. 6th-7th	Rainfall Day 9h.-17h. 7th	Sunshine Sunrise to 17h. 7th	Sunshine Sunrise to Sunset 6th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	53	62	-	-	0.0	5.3
Douglas (I. o. M.)	o	c	52	60	-	-	0.0	8.6
Llandudno	c	c	56	68	-	-	1.1	9.4
Colwyn Bay	cbc	cbcc	59	68	-	-	0.6	10.2
Rhyl	cbc	cbc	55	66	-	-	0.1	9.6
Wallasey	c	c	54	67	-	-	1.3	8.8
Southport	coc	oco	*53	65	-	-	0.9	9.2
Blackpool	cbc	bcco	53	66	-	-	1.0	8.1
Ilkley	b	b	53	68	-	-	6.2	7.9
Cleethorpes	cb	b	49	73	-	-	9.0	9.4
Skegness	bc	bc	49	70	-	-	8.7	9.1
Aberystwyth	cbc	bc	56	68	-	-	6.6	6.8
Bath	bcb	bbc	49	70	Trace	—	8.2	8.9
Cheltenham	b	bvybc	52	70	-	-	8.6	9.1
Leamington Spa	c	c	54	71	-	-	7.4	7.3
Lowestoft	b	b	52	68	-	-	10.5	7.5
Harwich & Dovercourt	bc	bv	52	69	-	-		8.9
Maldon	zbcb	b	45	71	—	-	9.2	8.1
Southend	cbc	bcb	54	74	Trace	—	9.7	8.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	bbc	57	70	1	—	8.4	7.4
Bude	bc	bcc	52	68	-	—	9.2	8.4
Penzance	b	bc	57	65	-	—	8.4	10.8
Paignton	bbbc	coc	52	67	Trace	—	8.3	8.7
Torquay	bbc	bc	55	67	-	—	8.5	8.9
Jersey	b	b	52	75	-	—	11.3	12.0
Weymouth	b	b	56	68	-	—	10.0	10.5
Bournemouth	b	b	55	69	-	—	10.0	10.7
Ventnor	b	b	56	70	-	—	10.7	10.9
Portsmouth (S'thsea)	b	b	56	67	-	—	10.1	11.1
Bognor	bcb	b	54	68	-	—	9.3	10.8
Littlehampton	bcb	b	55	66	-	—	9.8	10.5
Worthing	bcb	b	54	68	-	—	10.1	10.7
Brighton	bcb	b	55	68	-	—	10.1	10.6
Eastbourne	bcb	b	58	68	-	—	10.6	9.9
Hastings‡	bcbb	b	55	67	-	—	10.5	9.4
Folkestone	wc	bc	53	72	-	—	9.2	8.2
Dover	cb	b	53	67	-	—	9.7	8.0
Tunbridge Wells	b	b	58	69	-	—	10.6	8.5
Ramsgate	b	b	54	67	-	—	10.8	8.6
Margate	bc	b	53	69	-	—	10.7	8.0
Deal	b	b	52	71	-	—	10.0	7.3

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* Information not usually received. P The observations at 7h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. ‡‡ See footnote page 1.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24,398 Sunday, 9th September 1928.

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

STATIONS (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	1011·4	+4	SW	2	bc	61	75	8	2500	Cu	2	ASt	6	·
Stornoway	1010·1	+4	SW	4	c	59	85	7	4000	CuNb	8	–	8	·
Wick	1012·0	+4	SSW	3	bc	60	85	8	2500	Cu	3	ACu	5	·
Tiree	1011·8	+2	WSW	4	c	60	92	8	1500	StCu	9	–	9	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Aberdeen	1013·2	+1	SSE	3	bc	64	65	8	4000	Cu	1	ACu	3	1
Malin Head	1011·6	+1	S	2	ejb	62	65	8	4000	CuNb	8	Ci	8	·
Renfrew	1013·4	0	SW	2	bc	65	65	8	4000	Cu	5	ACu	6	2
Edinburgh (Inchkeith)	1013·3	+2	WSW	1	bc	63	65	8	4000	Cu	2	ACu	5	·
Leuchars	1013·6	+2	W	1	bc	65	65	8	4000	CuNb	3	ACu	4	1
Eskdalemuir	1013·6	+1	~~SSW~~ S	3	c	62	65	8	2500	Cu	2	ASt	9	2
Tynemouth	1014·5	0	S	1	oro	60	92	6	1500	Nb	10	–	10	·
Blacksod Point	1010·9	+1	SW	3	bc	61	75	8	*	StCu	7	–	7	·
Donaghadee	1014·6	+1	SE	2	bc–	59	85	8	2500	CuNb	5	–	5	·
Birr Castle	1012·8	*	S	2	c+	65	75	7	2500	CuNb	8	–	8	·
Holyhead	1013·8	0	NNE	1	c	60	85	8	1500	StCu	9	–	9	1
Liverpool (Bidston)	1014·4	0	SE	2	or₀r₀	61	97	5	800	St	10	–	10	·
Chester (Sealand)	1014·4	0	SSE	4	cr	62	92	6	1500	Nb	7	ASt	10	1
Harrogate	1015·3	0	S'E	1	or–	63	92	4	2500	St	10	–	10	·
Spurn Head	1015·9	0	ESE	4	bc	65	85	6	–	–	0	CiCu	6	·
Birmingham (Edgbaston)	1015·1	–1	S	3	bc–	72	55	8	–	–	0	ACu	7	0
Cranwell	1015·8	–2	S'E	3	c	76	55	8	4000	StCu	4	ACu	8	0
Gorleston	1017·5	–1	SSE	3	bc	69	75	6	–	–	0	Ci	4	·
Valentia (Cahirciveen)	1013·3	0	S'W	2	bc	61	85	8	1500	StCu	5	CiCu	6	1
Roches Point	1014·5	0	SW	2	bc	62	85	8	2500	Cu	4	CiCu	6	·
Pembroke (St. Ann's H.)	1014·0	0	S	2	c/r	60	97	6	800	StCu	5	ASt	10	·
Ross-on-Wye	1014·5	–1	SSW	3	c⊕	71	65	7	4000	Cu	3	CiSt	8	0
Leafield	1014·2	–1	S	3	bc	~~72~~ 77	45	8	–	–	0	ACu	3	0
Winchester (Worthy Dn.)	1015·3	–1	SE	3	bc	76	55	7	–	–	0	Ci	4	0
S. Farnborough	1015·4	–2	SSE	4	bc	79	45	7	–	–	0	Ci	3	0
London (Kew Obsy.)	1015·8	–2	SSW	4	bc	78	45	8	4000	Cu	1	ACu	6	0
Croydon	1016·0	–2	S'E	4	bc+	81	45	8	7200	StCu	2	Ci	5	5
Shoeburyness	1016·6	–1	S'E	3	bc	80	55	7	–	–	0	CiCu	4	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Felixstowe	1017·7	–1	SE'S	3	bc	71	75	7	–	–	0	CiSt	4	0
Lympne	1017·1	–2	SE'E	3	bc	77	45	7	–	–	0	Ci	4	0
Scilly (St. Mary's)	1014·5	+1	E'N	1	ℓfo	63	97	3	1500	St	10	–	10	·
Falmouth (Pendennis)	1014·9	0	SSE	2	cr	62	97	6	2500	Nb	7	ASt	10	·
Plymouth (Cattewater)	1015·8	+1	S	3	o	63	92	7	220	St	10	–	10	0
Portland Bill	1016·1	+1	S	1	c⊕	66	85	8	4000	StCu	6	Ci	8	·
Southampton (Calshot)	1018·8	–1	ESE	3	bc	70	75	7	–	–	0	CiSt	6	0
Dungeness	1017·1	–3	S	2	bc	73	75	7	4000	Cu	2	CiCu	5	·
Guernsey (Fort George)	1017·1	0	SW	2	c+	66	85	8	1500	St	3	ACu	8	·

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

STATIONS	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1013·1	+2	SW	1	c	55	92	8	2500	StCu	4	ASt	8	·
Stornoway	1011·2	+2	SW	3	c	58	85	7	4000	CuNb	8	–	8	2
Wick	1012·9	+1	SSW	2	bc	58	85	8	2500	StCu	7	–	7	0
Tiree	1011·9	0	SW	3	odd	56	97	7	800	Nb	10	–	10	1
Nairn	1012·4		–	0	bc+	61	75	8	2500	Cu	6	–	6	·
Aberdeen	1013·5	+1	S	2	b	59	75	7	–	–	0	ACu	2	0
Malin Head	1011·8	0	W	2	cr₀	57	92	7	4000	CuNb	8	–	8	2
Renfrew	1013·4	0	WSW	1	b–	60	75	8	4000	Cu	1	Ci	2	·
Edinburgh (Inchkeith)	1013·0	0	ESE	3	bc+	59	85	8	4000	Cu	1	Ci	7	1
Leuchars	1013·6	0	E	1	c	59	85	8	4000	Cu	1	Ci	9	·
Eskdalemuir	1013·6	0	~~S~~ S'W	2	o+	59	85	6	1500	St	10	–	10	·
Tynemouth	1015·0	0	S	1	or₀r₀	58	97	6	1500	Nb	10	–	10	0
Blacksod Point	1011·1	–1	SW	3	bc	59	75	8	*	CuNb	7	–	7	2
Donaghadee	1014·5	–1	S	2	fbc–	54	97	3	–	–	0	CiSt	4	1
Birr Castle	1012·0	*	SW	2	c	62	85	8	2500	Cu	8	–	8	·
Holyhead	1013·4	–1	–	0	c	60	92	6	1500	Cu	1	ACu	8	1
Liverpool (Bidston)	1014·1	–1	SE'S	1	c/r	61	97	6	2500	Nb	9	ASt	10	·
Chester (Sealand)	1014·1	–1	SE'S	3	c/r	62	97	6	2500	StCu	6	ASt	10	·
Harrogate	1014·9	0	SW	1	c/r	62	92	5	4000	Nb	5	ASt	10	·
Spurn Head	1013·6	–2	SE'E	4	c+	63	92	6	4000	StCu	5	ASt	9	2
Birmingham (Edgbaston)	1015·2	0	SSW	1	c	67	75	8	–	–	0	ASt	9	·
Cranwell	1014·9	0	W	2	c+	72	75	7	2500	StCu	8	ASt	10	·
Gorleston	1016·6	–1	SSE	2	bc	66	85	6	–	–	0	CiCu	6	0
Valentia (Cahirciveen)	1012·8	–1	S	2	c	58	85	8	2500	StCu	9	–	9	0
Roches Point	1014·0	0	SW	2	bc	60	85	8	2500	StCu	2	CiCu	7	2
Pembroke (St. Ann's H.)	1014·1	0	–	0	or₀r₀	59	85	6	800	St	10	–	10	1
Ross-on-Wye	1014·7	0	SW	2	c	67	75	7	4000	Nb	1	ASt	10	·
Leafield	1015·3	+1	SW'S	3	c	67	75	8	5700	StCu	6	ACu	8	·
Winchester (Worthy Dn.)	1016·5	+1	S	2	c	65	75	8	5700	StCu	2	ASt	8	·
S. Farnborough	1016·3	+2	SW	2	bc–	67	65	7	–	–	0	ACu	6	·
London (Kew Obsy.)	1016·3	+2	SSW	2	c+	69	65	8	–	–	0	ASt	8	·
Croydon	1016·3	+1	SSW	3	c	68	65	7	–	–	0	ACu	8	·
Shoeburyness	1016·1	–1	S'E	2	bc+	71	75	7	5700	StCu	3	CiCu	6	·
Clacton-on-Sea	1016·8	–1	SE	3	bc	68	75	6	5700	Cu	3	CiSt	6	3
Felixstowe	1016·6	–1	SSE	3	c+	68	85	6	–	–	0	CiSt	9	1
Lympne	1017·1	0	WSW	2	c+	69	75	7	–	–	0	CiCu	8	·
Scilly (St. Mary's)	1013·8	–1	NNW	3	od₀d₀	59	97	2	800	St	10	–	10	3
Falmouth (Pendennis)	1014·0	0	SSW	4	c–	62	97	7	2500	Nb	8	ACu	9	1
Plymouth (Cattewater)	1015·4	–1	S	4	o	63	92	6	450	Nb	10	–	10	0
Portland Bill	1016·2	+1	S	2	ffo	61	97	3	220	St	10	–	10	1
Southampton (Calshot)	1017·0	+2	SW	3	c+	63	92	6	450	St	9	–	9	0
Dungeness	1017·2	0	WSW	2	c+	67	85	7	1000	Cu	2	CiCu	8	3
Guernsey (Fort George)	1017·3	0	SSE	1	c	63	92	8	2500	StCu	8	ASt	10	0

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

Station	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	bcwbcy	cyc	cbcm₀c	81	58	51	–	–	9·2	*	*	*
Croydon	244	bcz₀y	bccy	cbcrm₀	81	58	51	–	–	9·0	*	*	·
Greenwich (Royal Obsy.)	149	cbcy	bbj⊕bcq	cbc	83	56	45	–	–	9·7	51	77	6
City (Bunhill Row)	50	*	*	*	*	*	*	*	*	8·5	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	83	60	53	Tr		9·1	43	79	*
Regent's Pk. (Botanic Gdns.)	163	*	*	*	*	*	*	*	*	7·1	*	*	*
Camden Square	110	bcb	bcc	*	85	60	*	–	0·3	*	*	75	*
Kensington Palace	50	bc	bc	*	82	58	50	–	–	*	(At 18h) 62	83	*
Hampstead Observatory	450	*	*	*						10·0	*		*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 9th

South Kensington Max.	Time	Min.	Time
1·3	8h 8th	0·3	13h 8th

Kew Observatory Max.	Time	Min.	Time

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 19h. 15m. to 9th 4h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	~~8 44~~ 9 15	~~9 15~~ 5 42	62
δ Ursae Minoris	~~6 24~~ 9 10	~~9 15~~ 5 34	60

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

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

9th–10th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·18 / 5·20	11·50 / 11·50	18·22 / 18·19
Greenwich	5·26 / 5·28	11·57 / 11·57	18·27 / 18·25
Wick	5·30 / 5·32	12·10 / 12·9	18·49 / 18·46
Valentia	6·7 / 6·8	12·38 / 12·38	19·9 / 19·7

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⩌ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus —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.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

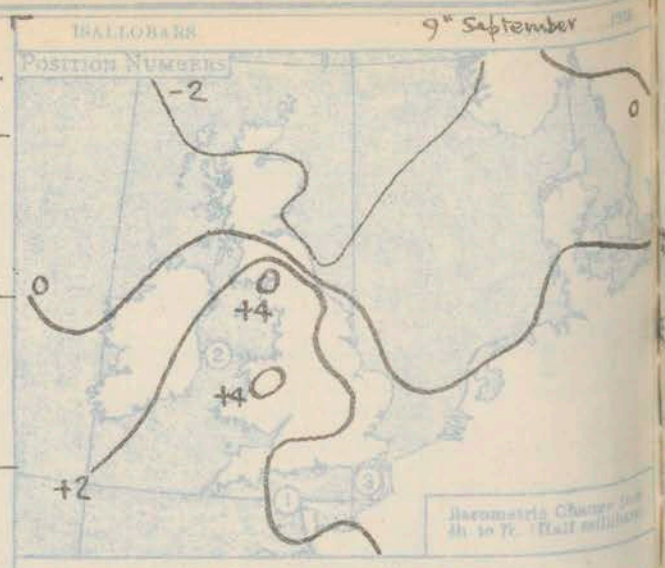
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 miles.	

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

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 8h.	Weather. 18h.-18h. 8h.	Weather. 18h. 8h. to 1h. 9h.	Weather. 1h.-7h. 9h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 8h. Hours.
Lerwick	cbc	bcc	cofew	ofe	63	50	•	–	–	Tr	1.30	5.0
Stornoway	c	p	c	r-d	61	53	•	0.3	13.30	0.3	[illegible]	1.9
Wick	b-bc	b-bc	bbcw	Ffr	60	47	•	–	–	0.2	6.30	•
Tiree	bcc	cpddo	pR	prbc	62	54	50	0.4	14.30	1	<21.00	4.2
Nairn	bcebc	bc	bcw	bc	66	47	•	–	–	–	–	7.7
Aberdeen	bbc	bcb	b	borrmf	66	50	45	–	–	9	4.30	10.4
Malin Head	bbcc	cro	crc	c	64	53	•	0.2	15.30	0.4	<21.00	5.1
Renfrew	cbc	bcb	bw	cpc	67	44	39	–	–	0.3	2.30	10.4
Edinburgh (Inchkeith)	b-bc	b-bc	bbc	corrrf	66	53	48	–	–	10	1.30	9.9
Leuchars	b-bc	bcc	cbc	corr	68	49	44	–	–	7	3.30	10.2
Eskdalemuir	c	comog	oirm	orm.c	63	51	51	–	–	15	<21.00	3.6
Tynemouth	oir	orrr	oirbco	oc	62	56	51	2	12.30	1	<21.00	•
Blacksod Point	c	poc	cp	pcbc	61	54	•	0.5	•	4	•	•
Donaghadee	bbc	bcife	offe	ffebc	62	49	•	–	–	–	–	•
Birr Castle	bcc	c	c	bc	66	49	41	–	–	–	–	6.4
Holyhead	c	ct	[illegible]	cbc	62	54	52	–	–	5	<21.00	2.8
Liverpool (Bidston)	rrmor	ororc	cror	morc	61	55	53	6	<8.00	2	<21.00	0.0
Chester (Sealand)	rrrrmo	orrofomg	crro	crc	63	56	53	7	<8.00	2	<21.00	0.0
Harrogate	corr	ocirr	cir	cir	65	57	56	3	<8.00	0.1	<21.00	0.0
Spurn Head	bc	bcc	cbc	cpr	67	59	•	–	–	Tr	4.30	7.4
Birmingham (Edgbaston)	cbc	bcepro	c	cupr	74	59	56	Tr.	15.30	0.1	5.30	2.1
Cranwell	cbc	bccy	c	ccp	79	57	51	–	–	Tr	6.30	6.8
Gorleston	bbc	bc	bcbw	bcebc	70	60	57	–	–	–	–	10.1
Valentia (Cahirciveen)	cpr	bcpoc	cp	cpbc	62	52	45	1	<8.00	1	[illegible]	1.5
Hoches Point	fobc	bc	bcw	cpb	63	53	•	–	–	0.4	2.30	•
Pembroke (St. Ann's H.)	offrrmo	corrm	orrrR	cbcc	62	56	•	5	<8.00	11	<21.00	0.0
Ross-on-Wye	c	ccpoc	c	cpc	72	58	57	Tr.	15.30	1	3.30	1.0
Leafield	bccbcy	bcc	c	cmr	68 [illegible]	55	53	–	–	1	5.30	5.9
Winchester (Worthy Dn.)	cbcy	cy	comff	ffomc	77	57	50	–	–	Tr	–	7.1
S. Farnborough	bcbcy	bcyc	bcbwcpr	cm	80	57	46	–	–	Tr	24.00	8.6
London (Kew Obsy.)	bcwbcy	cyc	cb	cmc	81	58	51	–	–	–	–	9.2
Croydon	bczcy	bccy	cbcmw	bccmw	81	58	51	–	–	–	–	9.0
Shoeburyness	bc	bc	bc	bcw	81	54	46	–	–	–	–	10.9
Clacton-on-Sea	bcz	bcz	bc	bcz	71	59	54	–	–	–	–	10.1
Felixstowe	bbcmo	bccmo	cbcm	bcmw	73	59	49	–	–	–	–	10.8
Lympne	bmobc	bcybc	cbc	bc	78	57	47	–	–	–	–	10.4
Scilly (St. Mary's)	cFdcof	offRR	ofdbc	bccpbc	65	55	•	15	9.00	1	<21.00	0.1
Falmouth (Pendennis)	crmo	crom	crbc	bcc	62	57	•	7	<8.00	1	<21.00	0.0
Plymouth (Cattewater)	bccomo	oro	orc	ocr	65	58	55	Tr.	11.00	1	<21.00	0.1
Portland Bill	c	coff	ofcbc	corrcz	68	60	•	–	–	1	3.30	•
Southampton (Calshot)	bcmo	bcycmo	cmoffo	bcwc	75	59	56	–	–	Tr	–	6.1
Dungeness	bbc	bcc	ccbc	bccfc	74	54	•	–	–	–	–	•
Guernsey	bc	c	cbcb	bbcc	71	61	•	–	–	–	–	



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure
2	10h 8th	Scotia	W	1	c/r	59	57	7
1	12h -	St. Julien	SE'S	2	c+	66	62	7
3	1h 9th	Brighton	S	1	bc	64	63	7

GENERAL INFERENCE.

A complex low pressure system is centred near Iceland. A shallow secondary off the Tay Estuary will move N.N.E., while another over Southwest England is drifting slowly northeast. Cloudy weather with occasional local rain will prevail in the eastern half of the country; in the west there will be local showers but bright periods.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday 9th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind S to S.W., light; cloudy, occasional local rain for a time, then improving; moderate temperature to rather warm.	Rather unsettled but bright periods
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind S.W., light to moderate; variable skies, bright periods; local showers; local morning mist or fog; moderate temperature.	
10. N.E. England 11. S.E. Scotland	Light variable wind; cloudy with occasional local rain at first; improving later; coastal fog; moderate temperature.	
12. S.W. Scotland & Isle of Man 13. (A.W. Scotland (B.N.W. Scotland 14. Mid-Scotland	As 6 - 9.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 10 - 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 6 - 9.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1130 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1

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

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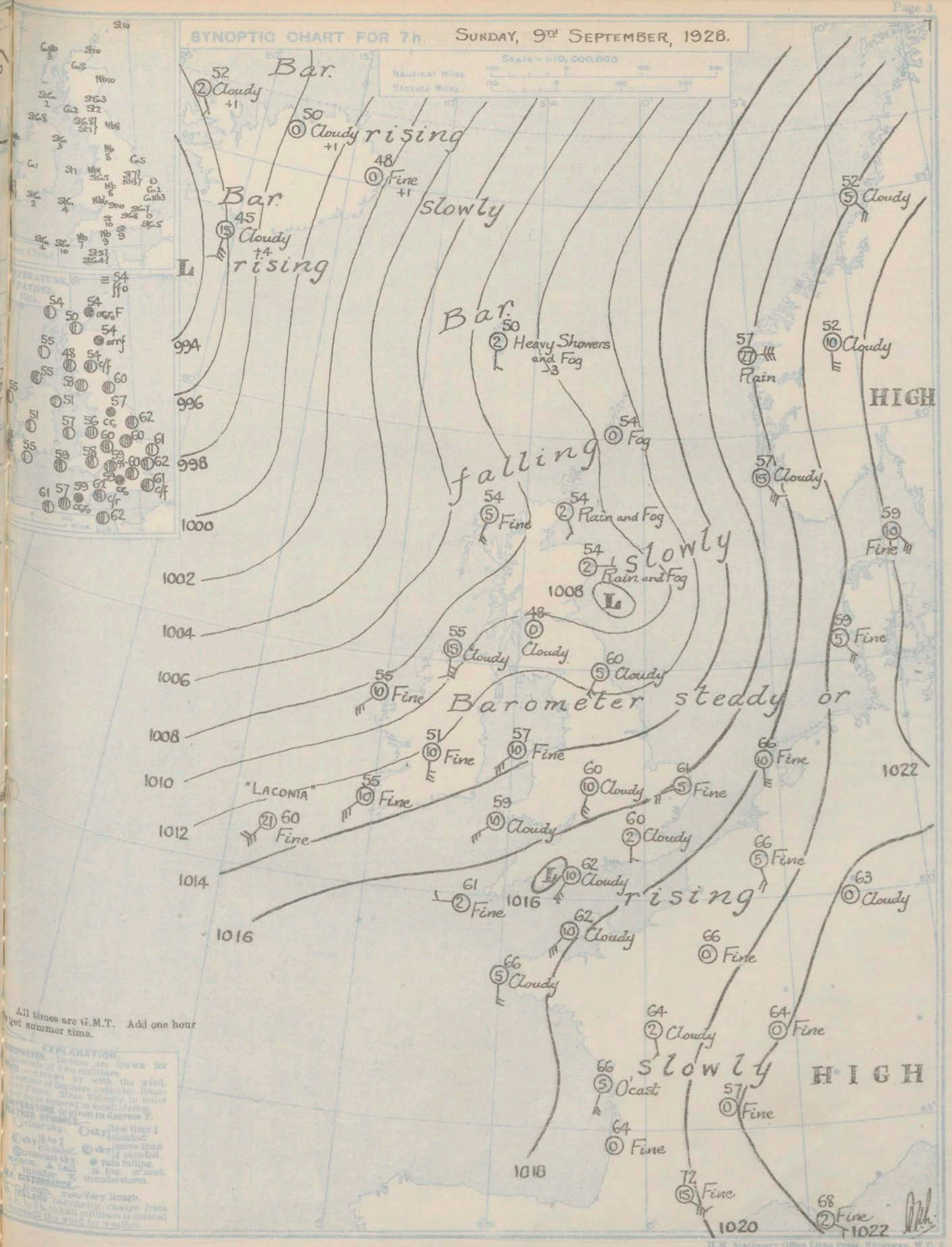


All times are G.M.T. Add one hour to get summer time.

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

Clear sky. Sky less than half clouded. Sky half clouded. Overcast sky. Sky more than half clouded. Snow. Hail. Ice. Mist. Thunder. Thunderstorm.

SEA DISTURBANCE.

Rough. Very Rough.

ISOBARS.—Barometric change from 1 to 7 in half millibars is entered towards the wind for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...... Sunday, 9th September ...... 1928. No. 253

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

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	84	1013.3	0	–	0	ffo	52	97	2	450	St	10	–	10
Stornoway	30	1009.8	-2	SW	1	c	*	*	6	*	*	*	*	10
Wick	33	1011.3	-1	SW	1	bc	49	97	8	1500	CuNb	4	–	4
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	33	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1010.3	-2	S	1	c	55	92	7	5700	StCu	9	–	9
Renfrew	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1010.9	-2	NE	1	bc	55	97	7	1500	St	4	ACu	7
Leuchars	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1013.0	-2	–	0	o	58	92	6	1500	Nb	10	–	10
Blacksod Point	18	1008.6	-1	SW	4	o/pc	58	75	6	*	Nb	10	–	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1012.2	-1	–	0	ofofo	54	92	6	1500	Nb	10	–	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	24	1014.5	0	S	2	bc	60	97	6	4000	CuNb	7	–	7
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1015.1	0	S	3	c+	60	92	7	–	–	0	ASt	9
Gorleston	14	1016.5	0	–	0	bc+	63	85	6	–	–	0	Ci	4
Valentia (Cahirciveen)	30	1013.2	0	SW	2	ov	56	92	9	*	St	10	–	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1013.2	+1	W	2	c	57	85	8	1500	StCu	10	–	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Down)	279	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	61	*	*	*	*	*	*	*
Croydon	244	1016.7	0	S'W	3	bc	59	92	7	–	–	0	ACu	4
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1017.0	0	SSW	1	bc-	63	75	7	–	–	0	Ci	3
Scilly (St. Mary's)	163	1015.5	+1	W	1	bc	57	97	8	4000	StCu	7	–	7
Falmouth (Pendennis)	200	1014.7	+1	WNW	2	bc-	59	97	8	4000	StCu	4	CiSt	7
Plymouth (Cattewater)	89	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1015.8	0	SE	2	c+	62	92	8	2500	St	10	–	10
Southampton (Calshot)	10	1016.8	0	SSW	2	bc	61	97	7	–	–	0	ACu	3
Dungeness	20	1017.2	0	–	0	bc-	63	92	7	4000	StCu	2	CiSt	4
Guernsey (Fort George) P	265													

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1010.2	-3	–	0	ffo	54	97	2	450	St	10	–	10	*
Stornoway	1007.2	-2	SSW	2	bc	54	92	7	4000	CuNb	3	ACu	4	1
Wick	1009.5	-3	SSE	1	ofofo	54	97	1	220	St	10	–	10	0
Tiree	1009.2	-1	S'W	3	b	55	92	8	2500	StCu	2	–	2	1
Nairn	1008.2	*	–	0	bc	50	85	6	2500	Cu	5	–	5	*
Aberdeen	1009.2	-1	E	1	orr	54	97	3	<150	Nb	10	–	10	0
Malin Head	1008.9	0	S	4	c	55	85	7	5700	StCu	8	–	8	1
Renfrew	1011.3	0	–	0	c	48	97	6	1500	Cu	2	ASt	8	*
Edinburgh (Inchkeith)	1010.6	0	SW	3	c/f	54	92	8	1500	St	2	ACu	9	1
Leuchars	1010.0	-2	W	1	c/r	54	97	7	2500	StCu	3	ASt	9	*
Eskdalemuir	1011.6	+4	SSW	2	c	53	92	7	1500	StCu	9	–	9	*
Tynemouth	1010.8	-2	SW	2	c	60	92	6	1500	Nb	8	–	8	0
Blacksod Point	1008.8	0	SW	3	bc+	55	75	8	*	CuNb	4	–	4	4
Donaghadee	1012.6	+2	–	0	bc-	51	97	8	4000	StCu	3	ACu	5	0
Birr Castle	1012.5	*	S	3	bc-	51	92	7	2500	Cu	1	ACu	3	*
Holyhead	1013.3	+2	SW'W	3	bc	57	92	7	800	St	1	Ci	7	1
Liverpool (Bidston)	1014.4	+2	SW'S	1	c-	56	85	8	2500	Nb	1	ASt	9	*
Chester (Sealand)	1013.8	+4	SSW	2	c/r	56	85	8	1500	StCu	5	ASt	9	*
Harrogate	1013.7	+2	SW'S	3	cC	57	92	8	2500	Nb	8	ASt	9	*
Spurn Head	1014.6	0	S'W	4	c	62	92	7	4000	Cu	5	ACu	9	1
Birmingham (Edgbaston)	1015.9	+2	SSW	3	c-	60	85	8	2500	Nb	8	ASt	10	*
Cranwell	1015.5	+1	S	3	o+	60	97	8	800	St	10	–	10	*
Gorleston	1016.2	0	W'S	2	bc-	61	85	6	–	–	0	ACu	5	0
Valentia (Cahirciveen)	1013.2	+1	SW'W	3	bc	55	85	8	2500	StCu	6	–	6	1
Roches Point	1014.6	+2	SW	1	b	55	92	8	2500	StCu	2	–	2	0
Pembroke (St. Ann's H.)	1015.2	+3	SW'W	3	c+	59	85	8	800	StCu	4	ASt	9	2
Ross-on-Wye	1016.0	+2	WSW	2	c	58	85	8	2500	Nb	6	ASt	10	*
Leafield	1016.0	+2	W'S	3	o/r	59	97	7	800	St	10	–	10	*
Winchester (Worthy Down)	1017.0	+1	SSE	2	o	61	97	5	220	St	10	–	10	*
S. Farnborough	1016.6	+1	S'E	3	cfo	59	97	6	4000	StCu	8	ASt	10	*
London (Kew Obsy.)	1017.2	+2	S'W	1	c	60	92	6	4000	StCu	7	ASt	9	*
Croydon	1017.5	+1	S'W	3	c	60	97	6	5700	StCu	5	ASt	9	*
Shoeburyness	1016.8	0	S	1	bc	61	92	7	–	–	0	CiCu	3	*
Clacton-on-Sea	1017.1	0	WSW	3	bc	62	85	6	4000	CuNb	3	ACu	5	1
Felixstowe	1016.3	0	–	0	bc	63	85	6	5700	Cu	2	ACu	4	0
Lympne	1017.4	+1	W	1	bc	62	75	7	–	–	0	Ci	5	*
Scilly (St. Mary's)	1017.2	+2	W	1	bc	(61)	97	8	4000	StCu	4	Ci	5	1
Falmouth (Pendennis)	1016.3	+2	–	0	c+	57	97	7	4000	StCu	10	–	10	0
Plymouth (Cattewater)	1016.7	+2	NE	2	cfofo	59	92	7	4000	Nb	7	ASt	10	0
Portland Bill	1016.4	+1	SW'W	3	c/r	62	92	6	1500	Nb	9	–	9	1
Southampton (Calshot)	1017.3	+1	SW	3	c	63	92	6	800	St	9	ACu	10	0
Dungeness	1017.7	+1	WNW	1	c/f	61	92	7	4000	StCu	5	CiSt	8	2
Guernsey (Fort George) P	1017.8	+1	SW	3	c+	62	92	7	800	St	9	–	9	3

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temp. Min. 9h. 7th to 9h. 8th (4) °F.	Temp. Max. 9h.-17h. 8th (5) °F.	Rainfall Night 17h.-9h. 7-8th (6) mm.	Rainfall Day 9h.-17h. 8th (7) mm.	Sunshine Sunrise to 17h. 8th (8) hr.	Sunshine Sunrise to Sunset 7th (9) hr.
Berwick-on-Tweed	cbc	bcc	57	66	–	–	1.7	0.0
Douglas (I. o. M.)	bc	bc	54	62	2	–	5.8	0.0
Llandudno	odo	dod	58	63	0.1	1	0.0	1.5
Colwyn Bay	orro	ororo	60	65	–	2	0.0	0.6
Rhyl	cpr	crc	60	64	–	4	0.0	0.0
Wallasey	oR	orro	57	62	2	6	0.0	1.3
Southport	or	ro	*56	62	1	5	0.0	0.9
Blackpool	oro	cop	57	62	1	3	0.0	1.0
Ilkley	ora	ro	53	65	1	4	0.0	6.2
Cleethorpes	cbb	bbo	51	79	–	–	7.2	9.2
Skegness	bbcc	cbcc	58	73	–	–	6.5	8.9
Aberystwyth	cpcr	rr	58	63	2	6	0.0	6.6
Bath	cbc	bcc	53	76	–	–	3.0	8.8
Cheltenham‡	c	c	57	75	–	–	2.8	5.6
Leamington Spa	c	c	52	79	–	–	5.5	7.4
Lowestoft	b	b	61	72	–	–	10.9	11.3
Harwich & Dovercourt	bm	bcm	61	74	–	–	10.5	11.3
Maldon	zbc	b	46	82	–	–	8.1	10.3
Southend	cb	bc	57	83	–	–	11.0	10.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	orcbc	rr	57	67	2	5	0.2	8.5
Bude	orr	rroo	60	66	3	7	0.0	9.2
Penzance	ordm	orr	61	64	4	7	0.0	8.4
Paignton	am	coo	57	70	–	–	1.9	8.8
Torquay	cm	coo	59	71	–	–	3.5	9.2
Jersey	bc	bc	57	74	–	–	10.0	12.0
Weymouth	bc	c	58	77	–	–	4.6	10.4
Bournemouth	bcbb	bbco	50	74	–	–	7.0	10.7
Ventnor	bb	bcf	61	72	–	–	8.4	11.6
Portsmouth (S'thsea)	b	bbc	56	75	–	–	7.7	10.8
Bognor	bc	bc	57	71	–	–	10.0	9.3
Littlehampton	b	bc	57	70	–	–	9.3	10.7
Worthing	b	bbc	57	73	–	–	9.6	11.0
Brighton	b	bbc	57	72	–	–	9.4	11.0
Eastbourne‡	b	bbcy	57	75	–	–	10.9	11.6
Hastings‡	bbc	bbcc	59	74	–	–	10.5	11.6
Folkestone	wbcb	bbc	58	79	–	–	10.2	10.1
Dover	bc	bc	52	76	–	–	10.6	10.7
Tunbridge Wells	bcb	b	51	80	–	–	9.6	11.6
Ramsgate	b	b	60	73	–	–	10.7	11.0
Margate	bc	bc	60	79	–	–	10.8	11.8
Deal	b	bbc	53	79	–	–	9.5	10.2

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24,399 Monday 10th September 1928. Page 1.

Observations at 18h. G.M.T. 9H (left) — Observations at 18h. G.M.T. 9H (right)

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1007·1	-3	S	1	ffo	55	97	3	220	St.	10	-	10	•	1006·9	0	S	1	c	55	97	7	2500	St.Cu.	6	A.Cu.	8	•
Stornoway	1005·8	-1	S	4	c+	57	85	7	4000	Cu.Nb.	8	-	8	•	1004·2	-3	S	3	bc	55	85	7	4000	Cu.Nb.	7	-	7	2
Wick	1007·8	-1	S	3	bc	57	92	8	2500	Cu.	3	Ci.St.	6	•	1006·8	0	WSW	3	c	60	75	8	2500	St.Cu.	6	Ci.St.	8	0
Tiree	1009·0	0	SW'S	4	bc	61	75	8	2500	Cu.Nb.	2	A.Cu.	4	1	1005·8	-3	SW'S	5	bcjp	55	85	8	1500	Cu.Nb.	4	A.Cu.	7	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.8	*	W	2	bc+	56	75	8	2500	CuNb	7	-	7	•
Aberdeen	1009·6	+1	S'W	3	bc	64	65	8	2500	Cu.	1	Ci.St.	3	1	1010·2	0	S'W	2	bc	58	85	7	2500	Cu.	2	Ci.St.	4	0
Malin Head	1008·7	0	S	5	bc-	58	75	8	4000	Cu.	7	-	7	•	1006·6	-3	SSW	6	cr	55	85	7	4000	Cu.Nb.	2	A.Cu.	8	3
Renfrew	1011·5	0	SSW	4	bc	62	65	8	4000	Cu.	3	Ci.	6	1	1011·3	+1	ESE	1	bcr	55	85	8	4000	Cu.	2	Ci.	4	•
Edinburgh (Inchkeith)	1011·2	+1	SW	4	bc	61	65	8	4000	Cu.	5	A.Cu.	6	•	1011·1	0	WSW	4	bc	58	75	8	4000	Cu.	3	A.Cu.	4	2
Leuchars	1011·5	+2	WSW	4	c	63	65	8	4000	Cu.Nb.	2	Ci.St.	10	1	1011·5	0	SW	4	bc/r	55	85	8	4000	St.Cu.	4	A.Cu.	5	•
Eskdalemuir	1012·4	+2	SSW	5	c	57	75	8	2500	Cu.	9	-	9	2	1012·7	0	SSW	5	bc	55	85	8	1500	Cu.	6	-	6	•
Tynemouth	1013·1	+3	SW	4	c	65	55	7	1500	Nb.	8	-	8	•	1014·7	+2	SW	3	c	60	65	7	1500	Nb.	8	-	8	1
Blacksod Point	1008·0	0	SW	4	bc	58	75	8	*	Cu.Nb.	7	-	7	•	1005·5	-2	SW	6	c	57	85	7	*	Cu.Nb.	9	-	9	7
Donaghadee	1012·3	+1	SW	4	bcr	63	75	8	2500	St.Cu.	6	-	6	•	1012·4	-1	SW	4	bc+	60	75	8	2500	St.Cu.	5	-	5	3
Birr Castle	1012·2	*	S	4	bc+	54	75	7	2500	Cu	6	-	6	•	1011·3	*	S	4	C+	61	75	7	2500	Nb	9	-	9	•
Holyhead	1015·0	+2	SW'S	5	bc-	63	75	8	2500	Cu.	1	Ci.St.	4	1	1014·8	0	SW'S	5	b	59	75	8	2500	Cu.	1	Ci.St.	1	5
Liverpool (Bidston)	1016·2	+2	SW'W	3	cv	62	65	9	2500	St.Cu.	1	Ci.St.	9	•	1016·1	0	SW	3	bc	63	65	8	2500	St.Cu.	2	Ci.	5	•
Chester (Sealand)	1015·7	+2	SW	4	c+	65	65	8	2500	Cu.	4	A.St.	10	1	1016·2	+1	SSW	3	vbc-	62	65	9	2500	Cu.	3	A.Cu.	5	•
Harrogate	1015·8	+2	SW	3	c	61	65	7	4000	Nb.	2	A.St.	10	•	1016·3	+1	SSW	~~2~~ 3	c	59	75	7	4000	Nb.	3	A.St.	9	•
Spurn Head	1016·1	+1	WSW	4	c	64	85	7	4000	St.Cu.	9	-	9	•	1017·3	+1	SW'S	3	c	58	92	7	4000	Cu.Nb.	5	A.St.	9	1
Birmingham (Edgbaston)	1017·9	+2	SW	3	c	60	75	8	2500	Nb.	2	A.St.	9	0	1018·5	+1	SSE	2	bc-	60	85	8	2500	Cu.	2	Ci.St.	6	•
Cranwell	1017·6	+2	WSW	3	cr₀+	63	85	8	4000	St.	5	A.St.	10	0	1018·7	+2	S'W	2	c/r	56	97	8	4000	St.	4	A.St.	9	•
Gorleston	1017·0	+1	W'S	3	c	73	75	6	4000	Cu.	2	Ci.Cu.	9	•	1018·3	0	N'E	3	or₀+	70	75	6	2500	Nb.	10	-	10	0
Valentia (Cahirciveen)	1014·4	+1	SW'S	5	bc	62	75	8	1500	St.Cu.	7	-	7	1	1014·3	-1	SW'S	5	cr₀	59	85	8	1500	St.	8	A.St.	10	3
Roches Point	1016·3	+1	SW	3	bc	61	92	8	2500	St.Cu.	3	Ci.Cu.	6	•	1016·7	+1	W	4	c	60	85	8	1500	St.Cu.	7	Ci.Cu.	8	4
Pembroke (St. Ann's H.)	1016·9	+2	SW	3	bc	62	75	8	1500	Cu.	3	A.Cu.	5	•	1018·0	+1	SW	4	bc-	60	75	8	1500	Cu.	3	-	3	2
Ross-on-Wye	1017·1	+1	W'S	2	cr₀	60	85	6	2500	Nb.	8	A.St.	10	5	1018·2	+1	SW'W	3	bc	63	65	8	4000	Cu.	3	Ci.St.	6	•
Leafield	1018·0	+2	W	1	or+	57	92	7	800	Nb.	10	-	10	1	1019·1	+1	SSW	3	bc-	56	97	6	4000	Cu.	2	A.Cu.	6	•
Winchester (Worthy Dn.)	1017·7	+1	SW'W	1	cr	63	92	8	1500	St.	10	-	10	1	1020·0	-2	SW'W	1	c-	57	92	8	2500	St.Cu.	3	Ci.	9	•
S. Farnborough	1017·2	0	S	1	c	69	75	8	2500	Nb.	10	-	10	0	1019·5	+3	-	0	cr₀r₀	57	97	6	1500	St.Cu.	9	-	9	•
London (Kew Obsy.)	1018·8	+1	S	1	c	69	75	8	2500	St.Cu.	8	-	9	0	1020·0	+3	-	0	cr-	59	97	6	1500	Nb	6	A.St.	9	•
Croydon	1017·8	0	SE	1	c/r	67	85	7	1500	St.	9	-	9	5	1020·2	+5	SW'W	1	c/r	57	97	5	4000	St.Cu.	8	A.St.	10	•
Shoeburyness	1017·8	+1	SW	2	o+	70	85	7	4000	St.	10	-	10	*	1019·2	+1	NW	3	o	60	92	7	4000	St.	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018·7	+1	SW	2	c	67	85	6	5700	Nb.	5	A.St.	10	1
Felixstowe	1018·3	+2	W	3	c+	72	65	7	4000	St.Cu.	5	A.St.	9	0	1018·7	+3	NW	2	c/r	66	85	6	2500	Cu.Nb.	5	A.St.	10	1
Lympne	1017·7	0	WSW	1	c/r	67	75	7	5700	St.Cu.	5	A.St.	9	0	1019·6	+2	N'W	4	c/r	60	85	8	1500	St.Cu.	9	A.St.	10	•
Scilly (St. Mary's)	1019·5	+2	WSW	3	bc	65	75	8	4000	Cu.	3	-	3	•	1021·0	+1	WSW	4	bc	60	75	8	4000	Cu.	3	-	3	1
Falmouth (Pendennis)	1018·6	+3	W	4	bc-	66	75	8	4000	Cu.	5	»	5	•	1020·8	+2	W'S	3	bc	61	92	8	4000	Cu.	3	A.Cu.	4	0
Plymouth (Cattewater)	1018·9	+3	SSW	3	c ⊕₀	62	85	7	2500	Cu.Nb.	4	Ci.St.	9	1	1020·7	+2	WNW	3	b	63	75	8	4000	Cu.	1	-	1	0
Portland Bill	1017·9	+1	NNW	2	or₀r₀	59	92	6	1500	Nb.	10	-	10	•	1019·9	+2	W	3	bc-	60	85	8	2500	St.	6	Ci.	7	1
Southampton (Calshot)	1017·9	0	SW'S	3	c	68	75	8	1500	St.Cu.	6	A.St.	9	0	1020·0	+2	W'S	2	c/r	60	85	8	1500	St.Cu.	4	A.St.	8	0
Dungeness	1018·5	+2	SW	1	c	66	85	7	4000	Cu.	2	A.St.	9	•	1019·4	0	WNW	3	cr₀	61	75	8	2500	Nb.	9	-	9	2
Guernsey (Fort George)	1018·8	+2	W	3	crr	61	97	6	800	Nb.	8	A.St.	10	•	1021·8	+3	W'N	4	bc-	59	85	8	2500	Cu.	3	-	3	3

LONDON OBSERVATIONS. Day 7h–18h, Kew & Croydon. 8h–18h, Kensington. 8h–21h, other stations.

Station	Height above M.S.L. in feet	Weather: Morning	Weather: Afternoon	Weather: Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 8h.
		(24 hours ended 8h.)											
Kew	18	ecedc	cRtlr	bm₀w	71	52	48	14	0.4	0.2	*	*	8
Croydon	244	cmpr₀	cdrrR	c,mbw	70	52	48	8	0.1	0.0	*	*	7
Greenwich (Royal Obsy.)	160	cp₀	crRr₀	cd,bc	73	50	39	8	Tr	0.2	71	74	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·1	*	*	+
Westminster (St. James' Pk.)	27	*	*	*	72	53	46	1	·	0·2	64	74	*
Regent's Pk. (Botanic Gdns).	108	*	*	*	*	*	*	*	*	0·0	*	*	*
Camden Square	110	c	cor	*	70	52	*	10	-	*	*	88	*
Kensington Palace	80	oc	orr	*	71	52	45	12	-	*	(At 18h 94)	77	*
Hampstead Observatory	450	*	*	*	68	46	38	12	1	0·3	*	83	-

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 10H

Station	Max.	Time.	Min.	Time.
South Kensington	0·4	9th 9h	<0·3	9th 24h
Kew Observatory	0·1	9th 19h	<0·1	10th 2h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9H 19h. 15m. to 10H 4h. ~~15~~ 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	9·~~8~~ 15	7·20	79
2 Ursae Minoris	9·~~8~~ 15	7·14	78

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 10th–11th September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·20	11·56	18·19
	5·21	11·56	18·17
Greenwich	5·28	11·57	18·25
	5·29	11·57	18·23
Wick	5·32	12·9	18·46
	5·34	12·9	18·43
Valentia	6·8	12·38	19·7
	6·10	12·38	19·4

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

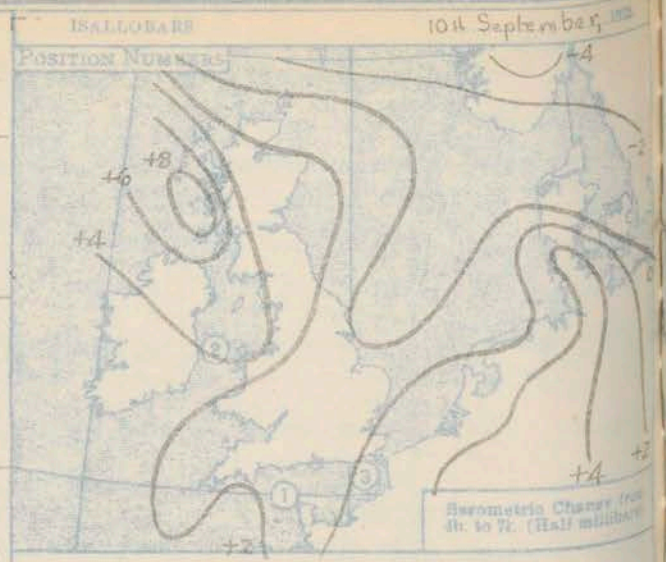
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 9h.	18h.-18h. 9h.	18h. 9h. to 1h. 10h.	1h.-7h. 10h.	Temperature. Max. Day 7h.-18h.	Min. Night 18h.-7h.	Min on Grass	Rainfall† Day 7h.-18h. mm	began.	Night 18h.-7h. mm.	began.	Sun 9h. Hours.
Lerwick	orrfe	fc	cbc	orr	56	52	•	6	<3.00	4	3.30	0.1
Stornoway	c	r-d	p	p	60	46	•	0.6	13.30	9	<21.00	6.0
Wick	ofr	c	pri	cir.c	63	49	•	0.2	14.00	1	<21.00	•
Tiree	prcbc	pRc	pRq	prbc	61	43	45	1	<8.00	4	<21.00	5.7
Nairn	bcbc	bc	bcp	bc	65	48	•	-	-	0.5	24.00	5.3
Aberdeen	rfcmbc	bcebc	cpr.b	PRb	66	50	45	0.1	<8.00	4	<21.00	5.2
Malin Head	cbc	bcPHRbc	ccir	bcPR	61	52	•	2	14.30	9	<21.00	6.9
Renfrew	cmcbc	cPcb	bcpor	Rrbc	64	51	48	0.6	13.30	11	<21.00	6.5
Edinburgh (Inchkeith)	cbc	b-bc	bcc	oir.rbc	62	51	49	-	-	2	22.00	5.8
Leuchars	cbcc	cpr	bc	oRcprbc	64	48	41	0.2	17.30	5	1.30	3.5
Eskdalemuir	cpr.c	cbc	bccor	orrbc	59	47	46	0.1	11.00	13	22.00	1.7
Tynemouth	cq	cq	cbc	bcp	67	54	48	-	-	2	4.30	•
Blacksod Point	pqc	pc	pcbcq	pc	59	52	•	10	•	7	•	•
Donaghadee	bc	PRbc	PRbc	bc	64	48	•	0.6	14.30	7	24.00	•
Birr Castle	bc	bcc	cir.	cir.c	64	52	46	-	-	3	22.00	7.2
Holyhead	bc	bcb	bbcq	bcqr.	63	57	55	-	-	0.2	4.30	8.0
Liverpool (Bidston)	bccv	cvbc	bcbw	bccR	65	53	47	-	-	2	6.30	4.3
Chester (Sealand)	c	cbcvy	bcc	cpRr.rr.	67	53	48	-	-	1	3.30	3.5
Harrogate	cr.c	c	cb	bccp.	62	51	~~45~~ (50)	Tr.	<8.00	Tr.	6.30	0.0
Spurn Head	c	cir	cbc	bcw	67	53	•	1	13.30	-	-	0.5
Birmingham (Edgbaston)	c	c	bcb	bbc	61	50	48	-	-	-	-	0.2
Cranwell	cr.cp.	cc.r	bbc	bcc	65	51	49	3	12.30	-	-	0.4
Gorleston	c	cr	orrobcb	b	76	52	49	Tr.	17.30	11	<21.00	6.8
Valentia (Cahirciveen)	bccp	cir.	cp.	cpc	63	57	53	1	9.00	1	<21.00	6.6
Roches Point	bbc	bcc	cp.c	cp.c	63	57	•	-	-	0.3	22.00	•
Pembroke (St. Ann's H.)	bc	bcb	bbcq	cbc.r.	63	58	•	-	-	Tr.	5.30	8.0
Ross-on-Wye	cir.	cbcc	bcbwbc	cpc	65	53	44	Tr.	11.00	0.6	4.30	1.9
Leafield	cr.r	orrc	bcb	bbcp	61	48	46	3	<8.00	0.2	5.30	0.1
Winchester (Worthy Dn.)	ondrr	oRmc	bcbmf	bmbw	67	50	39	3	5.00	0.1	•	0.0
S. Farnborough	codc	oRtrr	crr.bm	b	70	46	33	12	9.00	0.2	<21.00	0.3
London (Kew Obsy.)	crcrc	cRtr	bm.	bm.w	71	52	48	14	9.00	0.4	<21.00	0.2
Croydon	cwmjpcqrRm	c.m.	bm.w	bm.w	70	52	48	8	1.00	0.1	•	0.0
Shoeburyness	bcopr.	or.	opr.	bc	73	52	44	Tr.	9.00	Tr.	22.00	2.6
Clacton-on-Sea	bc	bcco	opc	cbc	74	52	49	-	-	0.2	<21.00	3.4
Felixstowe	bcc	cr.tc	ctlRq	cbcm.	74	52	61	Tr.	17.30	4	<21.00	5.5
Lympne	bccr.	cr.	cr.bc	bmbm.	73	46	42	Tr.	14.30	0.2	<21.00	5.1
Scilly (St. Mary's)	bc	bc	bcbbc	bcorc	65	57	•	-	-	0.4	1.30	10.1
Falmouth (Pendennis)	cprbc	bc	bc	bccr.	67	57	•	Tr.	8.00	Tr.	6.30	7.5
Plymouth (Cattewater)	crrRbc	cb	b	b.cm.	65	58	54	8	<3.00	-	-	4.7
Portland Bill	ccrorr	cr.c	bcb	bc	63	58	•	10	3.00	-	-	•
Southampton (Calshot)	cmdmc	cmmc	bw	bwbc	70	52	42	11	9.00	Tr.	-	0.0
Dungeness	c	cir.	cir.bcb	bbc	69	50	•	Tr.	17.30	Tr.	<21.00	•
Guernsey	crm.	crrcq	bcb	bw	66	56	•	3	14.00	Tr.	-	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Pressure.

GENERAL INFERENCE.

An anticyclone extends from the Azores to France and a depression off Northern Scotland is moving north-eastward. Winds will be westerly with local showers and bright intervals.

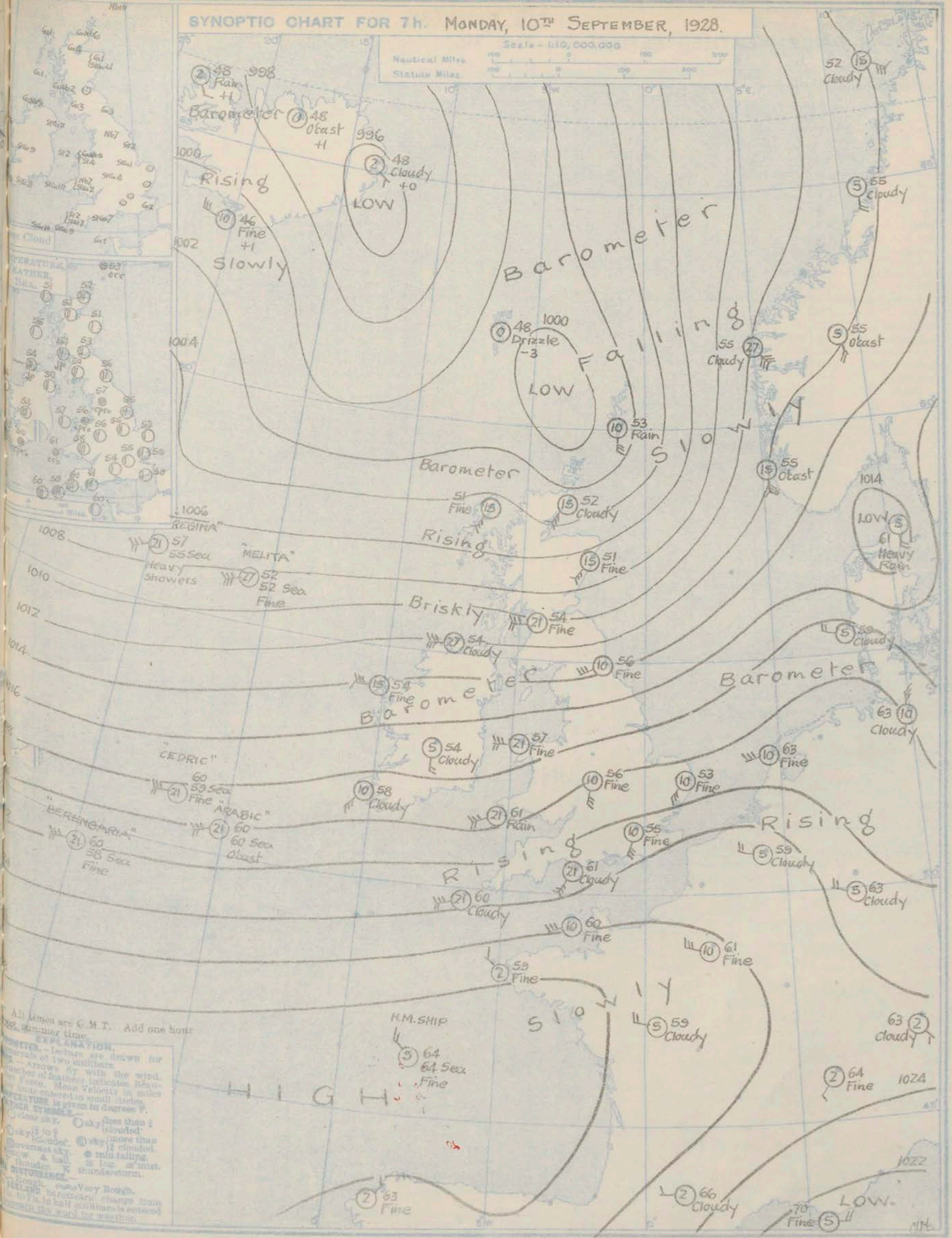
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 10th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind between S.W. and W., moderate; mainly fair; a few scattered showers; moderate temperature.	Rather unsettled, but considerable fair periods in the South.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A) W. Scotland (B) N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between W. and S.W., moderate or fresh; occasional showers but bright intervals; moderate temperature.	cond.

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

† For code see page 1

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

SYNOPTIC CHART FOR 7h. MONDAY, 10TH SEPTEMBER, 1928.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday, 10th September, 1928. No. 254.

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 10th: Barom. at M.S.L. mb.	Change in 3 hours†	Wind: Direc.	Wind: Force 0-12	Weather	Temp. °F.	Humidity %	Visibility† 0-6	Cloud: Low: Height Feet	Low: Form	Low: Amt. 0-10	Upper Form	Total Amt. 0-10	Observations at 7h. G.M.T. 10th: Barom. at M.S.L. mb.	Change in 3 hours†	Wind: Direc.	Wind: Force 0-12	Weather	Temp. °F.	Humidity %	Visibility† 0-6	Cloud: Low: Height Feet	Low: Form	Low: Amt. 0-10	Upper Form	Total Amt. 0-10	Sun
Lerwick	54	1005.3	-1	SE	1	bc	53	92	8	2500	St.Cu	4	-	4	1001.4	-3	S	3	prr	53	92	7	1500	Nb	10	-	10	·
Stornoway	30	1001.4	-3	SSW	5	bc/PR	•	•	7	•	•	•	•	6	1004.3	+6	SW	4	b/r	51	92	7	4000	Cu	1	-	1	3
Wick	81	1002.5	+3	S	4	c/r	55	97	8	1500	Nb	6	Ci St	8	1002.8	+1	SW	4	c	52	85	8	1500	CuNb	6	CiSt	8	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.9	+3	W'N	6	b	55	75	8	2500	Cu	1	-	1	·
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.0	•	WSW	3	bc-	52	85	8	2500	Cu	4	-	4	·
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.5	+2	SW	4	b	51	85	8	2500	Cu	2	-	2	0
Malin Head	51	1006.4	+1	SSW	6	bc.r	54	75	7	4000	CuNb	3	-	3	1012.0	+5	W	6	c/p	54	75	7	4000	CuNb	8	Ci	8	6
Renfrew	50	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	+4	W	5	bc/p	54	75	8	1500	CuNb	2	Ci	7	·
Edinburgh (Inchkeith)	100	1006.8	-3	SW	5	pr	58	75	8	1500	Nb	10	-	10	1008.6	+3	SW	6	bc	53	75	8	-	-	0	ACu	4	3
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	+3	SW	5	bc	53	85	8	2500	StCu	3	ACu	3	·
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	+3	SW'W	6	bc	50	85	8	2500	Cu	3	Ci	7	·
Tynemouth	67	1013.6	-2	SW	3	bc	55	85	7	1500	Cu	5	-	5	1013.4	+2	WSW	3	bc/r	56	75	7	1500	Cu	3	ACu	5	1
Blackrod Point ...	18	1011.3	+6	W	6	bc	55	65	8	•	CuNb	5	-	5	1014.8	+3	W	4	bc	54	65	8	•	CuNb	6	-	6	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.4	+5	WSW	3	bc	50	85	8	4000	StCu	3	CiSt	5	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	•	S	2	c	54	97	7	1500	StCu	3	-	3	·
Holyhead	26	1014.5	0	SW	6	bc	59	85	7	2500	St.Cu	7	-	7	1017.4	+4	W	5	b-	57	75	8	1500	St	2	Ci	2	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.5	+2	W	4	c/pr.	56	97	7	1500	CuNb	9	-	9	·
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.3	+2	SW'W	3	c/r	59	85	7	1500	St	9	-	9	·
Harrogate	470	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.0	+2	SW	3	c/pr.	57	85	7	2500	Nb	7	Ci	8	·
Spurn Head	20	1017.6	0	SW	4	bc-	55	97	7	4000	Nb	3	-	3	1017.3	0	SW'S	5	bc	55	92	7	4000	St	2	CiSt	4	3
Birmingham (Edgbaston)	545	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.2	+1	SSW	3	bc	56	92	8	2500	StCu	4	Ci	6	·
Cranwell	256	1019.8	+1	SW	4	b-	53	97	7	-	-	0	ACu	2	1019.5	0	SW'S	4	c	55	92	7	4000	StCu	1	Ci	7	0
Gorleston	14	1020.5	+1	SW'W	2	b-	55	97	7	-	-	0	ASt	2	1021.6	+1	SW	3	b	53	92	6	-	-	0	Ci	2	·
Valentia (Cahirciveen) ‡	30	1015.4	+1	SW	4	pr	59	92	8	•	St	10	-	10	1019.5	+3	SW'W	3	c	58	92	8	800	St	10	-	10	2
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.1	+3	NW	3	c/pr.	58	97	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	160	1018.2	+1	SW'W	5	c+	61	85	7	800	Cu	8	-	8	1019.6	+1	WSW	5	c/r.	61	85	7	800	StCu	10	-	10	·
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+1	WSW	3	c	58	85	7	2500	Nb	9	-	9	·
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.4	+1	SW'S	4	bc	53	97	8	4000	StCu	6	-	6	·
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.2	0	S'W	3	bc	55	97	7	4000	StCu	3	-	3	·
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	0	SW'S	3	b	54	97	7	-	-	0	ASt	1	·
London (Kew Obsy.) ...	18	•	•	•	•	•	53	•	•	•	•	•	•	•	1023.2	+1	SSW	3	b	55	92	6	-	-	0	Ci	1	·
Croydon	244	1022.4	+2	SSW	3	b	52	97	6	-	-	0	-	0	1023.2	+1	SW'S	3	b	55	92	7	-	-	0	Ci	2	·
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	+2	SE	2	b	56	92	7	-	-	0	-	0	·
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+2	SW	4	bc	55	92	6	-	-	0	ACu	3	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+2	SW	4	bc-	55	92	6	-	-	0	CiSt	3	3
Lympne	350	1022.1	+3	WNW	3	b-	52	97	7	-	-	0	-	0	1024.0	+1	W'N	3	b	53	92	6	-	-	0	-	0	·
Scilly (St. Mary's) ...	162	1022.5	+1	WSW	5	bc	59	85	7	4000	Nb	5	-	5	1023.9	+1	W'S	5	c	60	92	7	4000	StCu	10	-	10	4
Falmouth (Pendennis)	200	1023.4	+1	SW	4	bc	58	97	8	4000	St.Cu	4	-	4	1023.5	+2	W	4	c	59	92	8	4000	StCu	9	-	9	1
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.8	+2	W	4	c	60	85	7	1600	StCu	9	-	9	·
Portland Bill	52	1022.7	+2	WSW	4	b	60	85	8	2500	Cu	2	-	2	1022.9	0	SW	5	c+	61	85	8	2500	StCu	7	ACu	7	0
Southampton (Calshot)	10	1023.2	+2	W	2	b	52	97	8	-	-	0	-	0	1023.7	+1	WSW	4	bc+	58	85	7	2500	Cu	7	-	7	2
Dungeness	20	1023.8	+3	WNW	2	b/r	55	92	8	-	-	0	-	0	1024.1	+3	W-	2	b	59	85	7	2500	Cu	2	-	2	1
Guernsey (Fort George) ‡	205														1026.0	+1	WSW	3	b	60	85	7	1500	Cu	1	-	1	

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

Stations	Weather: Forenoon	Weather: Afternoon	Temperature: Min. 9h. 8th to 9h. 9th	Temperature: Max. 9h. -17h. 9th	Rainfall†: Night 17h. 8th. - 9h. 9th	Rainfall†: Day 9h.-17h. 9th	Sunshine: Sunrise to 17h. 9th	Sunshine: Sunrise to Sunset. 9th
(1)	(2)	(3)	(4) °F	(5) °F	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	cbec	bc	56	64	0.4	-	1.9	1.7
Douglas (I. o. M.) ...	bcb	bcb	54	62	4	-	7.6	7.1
Llandudno ...	c	cbcb	55	65	7	-	4.2	0.0
Colwyn Bay ...	cbc	cb	54	66	4	-	3.4	0.0
Rhyl	(0)	(0)	55	65	3	-	0.0	0.0
Walasey	bbec	cbcb	55	66	2	-	2.8	0.0
Southport	cbccc	ocb	55	65	3	-	3.0	0.0
Blackpool	cbc	cbc	56	64	2	-	3.2	0.0
Ilkley	c	c	55	63	3	-	0.3	0.0
Cleethorpes	cb	oro	58	68	-	1	0.9	7.2
Skegness	cprcc	cpr	60	68	Trace	Trace	0.0	7.7
Aberystwyth ...	c	cbc	56	64	-	-	4.1	0.0
Bath	cir	rrc	60	63	2	3	0.0	3.4
Cheltenham ...	opo	rrc	59	66	Trace	1	0.1	3.2
Leamington Spa ...	cb	cp	60	63	-	2	2.2	5.5
Lowestoft	b	bbec	60	77	-	-	6.0	10.9
Harwich & Devercourt	bc	noc	53	75	-	-	5.5	10.5
Maldon	rc	co	52	71	1	-	0.1	8.2
Southend	ocr	rocq	60	74	0.4	Trace	2.3	11.1
Ilfracombe ...	oc	cbc	58	64	6	-	4.4	0.2
Bude	oproc	bc	58	64	3	1	6.0	0.0
Penzance	cb	b	57	67	2	-	7.8	0.9
Paignton	orm	orrpbc	60	68	4	6	2.1	3.4
Torquay	orpno	nrbcb	61	67	2	8	2.5	10.0
Jersey	c	rc	61	63	-	1	0.7	4.6
Weymouth	rr	crp	60	63	3	11	0.5	4.2
Bournemouth ...	oror	rorc	57	65	0.3	18	0.0	8.4
Ventnor ...	pom	oro	60	65	Trace	7	0.0	7.8
Portsmouth (S'thsea)	odc	tUR	61	67	Trace	13	0.1	10.8
Bognor	doc	corr	59	66	-	3	0.0	9.5
Littlehampton ...	c	cr	55	70	-	3	0.2	9.9
Worthing	cir	cro	58	67	Trace	6	0.1	9.9
Brighton	odec	cor	58	68	0.3	2	0.4	11.3
Eastbourne	o	oco	57	70	0.2	-	1.1	
Hastings	bcco	ocod	59	70	-	-	3.0	10.5
Folkestone	bcc	co	56	74	-	-	4.6	10.2
Dover	bbcc	c	56	70	-	-	5.0	10.6
Tunbridge Wells ...	co	ocor	51	71	0.5	Trace	0.6	9.6
Ramsgate	b	bbc	62	74	-	-	5.4	10.7
Margate	bcbbc	bcc	62	73	-	-	6.5	10.8
Deal	bbcb	co	56	77	-	-	3.7	9.5

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24402 Tuesday, 11th SEPTEMBER 1928.

Observations at 13h. 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	1001.6	0	SW	3	bc	55	75	8	2500	Cu	5	~~CiSt~~ Cu	6	•
Stornoway	1002.4	+4	W	4	bc/PR	54	75	7	4000	CuNb	7	-	7	•
Wick	1007.4	+5	WNW	4	bc	59	75	8	2500	Cu	4	Ci	6	•
Tiree	1012.9	+2	W	5	c/p	56	75	8	2500	Cu	1	ASt	10	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011.0	+3	SWW	3	C+	61	55	8	2500	Cu	1	ASt	9	1
Malin Head	1014.4	+2	SSW	4	crs	55	85	7	4000	CuNb	2	ASt	10	•
Renfrew	1014.8	+3	SW	5	c/p	57	65	8	2500	CuNb	5	ASt	9	2
Edinburgh (Inchkeith)	1013.5	+3	WSW	5	bc-	57	75	8	4000	Cu	5	ACu	7	•
Leuchars	1013.3	+4	W	5	c/PR	55	85	8	2500	CuNb	7	ACu	9	1
Eskdalemuir	1015.4	+3	SWW	6	bc	58	65	8	2500	Cu	7	-	7	2
Tynemouth	1016.8	+2	W	3	bc	65	45	8	1500	Cu	3	-	3	•
Blacksod Point	1014.6	-1	W	4	C	59	85	7	•	CuNb	10	-	10	•
Donaghadee	1017.3	+1	SWW	3	C	59	85	8	4000	Stu	8	-	8	•
Birr Castle	1017.8	•	SW	4	crs	61	85	6	1500	Nb	9	-	9	•
Holyhead	1018.6	-1	SWS	4	C+	60	75	8	7200	Stu	6	CiSt	9	1
Liverpool (Bidston)	1019.7	+1	W	3	C	60	65	8	2500	Nb	9	CiSt	9	•
Chester (Sealand)	1019.5	+2	SWW	4	C+	63	65	8	4000	Stu	7	ACu	9	1
Harrogate	1019.0	+1	SW	5	bc	61	45	9	-	-	0	CiSt	6	•
Spurn Head	1019.6	+1	WSW	3	c	66	85	6	4000	CuNb	6	ACu	8	•
Birmingham (Edgbaston)	1020.8	+1	SSW	3	c/p	64	65	8	4000	Nb	8	ACu	9	10
Cranwell	1020.4	+1	SSW	4	c	65	85	7	2500	Stu	7	ACu	9	1
Gorleston	1021.7	0	SWW	3	bc+	68	65	7	4000	Cu	6	-	6	•
Valentia (Cahirciveen)	1021.0	+1	SWW	4	C	61	85	8	1500	St	10	-	10	1
Roches Point	1021.0	+2	W	3	C	60	92	8	1500	Stu	9	-	9	•
Pembroke (St. Ann's H.)	1021.6	+1	WSW	5	bc-	62	85	7	1500	Cu	3	CiSt	7	•
Ross-on-Wye	1021.5	+1	WS	4	c/p	63	75	7	2500	Nb	9	-	9	5
Leafield	1022.3	+1	SWW	4	crs	61	85	8	800	Nb	9	-	9	1
Winchester (Worthy Dn.)	1023.3	0	SW	3	C	68	65	8	2500	Cu	8	-	8	1
S. Farnborough	1023.2	0	WS	3	c/prs	66	65	7	2500	Cu	9	-	9	1
London (Kew Obsy.)	1023.4	0	SWS	3	c/prs	66	65	8	2500	Stu	7	ACu	9	1
Croydon	1023.5	0	WS	4	C+	68	65	8	2500	Cu	8	ACu	9	1
Shoeburyness	1023.3	0	WSW	4	bc	70	75	7	4000	Cu	4	-	4	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1022.9	-1	SWW	3	C	67	65	7	2500	Cu	9	-	9	1
Lympne	1023.8	0	WSW	5	C+	65	65	7	1500	Stu	9	-	9	0
Scilly (St. Mary's)	1024.5	+1	SW	4	bc-	63	85	7	4000	Cu	7	-	7	•
Falmouth (Pendennis)	1025.2	+1	W	4	C	63	85	8	4000	Stu	10	-	10	•
Plymouth (Cattewater)	1025.0	+1	WSW	4	0	62	85	7	2500	St	10	-	10	1
Portland Bill	1024.4	+2	SW	4	C	63	85	6	1500	Stu	9	-	9	•
Southampton (Calshot)	1024.2	0	SWS	5	c/p	65	75	7	2500	CuNb	9	-	9	1
Dungeness	1024.4	-1	WSW	5	bc+	66	75	8	800	Cu	7	-	7	•
Guernsey (Fort. George)	1026.8	0	WSW	5	bc	63	75	7	2500	Cu	6	-	6	•

Observations at 18h. 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	1006.0	+0	~~NW~~	3	bc/r	52	85	8	2500	Cu	3	CiSt	4	•
Stornoway	1010.5	+2	W	3	bc/PR	51	85	8	4000	CuNb	6	-	6	2
Wick	1011.0	+3	WNW	2	C	51	92	8	1500	CuNb	6	CiSt	8	0
Tiree	1012.9	0	W	1	C	52	92	8	2500	CuNb	7	ASt	10	4
Nairn	1011.9	•	-	0	c/r	51	86	8	2500	CuNb	8	-	8	•
Aberdeen	1013.3	+2	SW	2	C	55	65	8	4000	Stu	2	ASt	9	0
Malin Head	1013.6	0	NNW	3	bc/r	53	85	8	4000	Stu	5	ACu	7	1
Renfrew	1014.0	-1	-	0	orr	51	97	5	4000	Nb	10	-	10	•
Edinburgh (Inchkeith)	1014.7	+1	SW	4	ors	54	85	8	800	Nb	10	-	10	2
Leuchars	1014.5	+2	W	3	crs	52	92	8	2500	Nb	6	ASt	10	•
Eskdalemuir	1014.9	-2	SW	3	crr	52	92	5	800	Nb	8	ASt	10	•
Tynemouth	1017.2	0	SW	2	bc+	59	65	7	1500	Cu	7	-	7	1
Blacksod Point	1016.3	+2	W	4	ORR	56	97	6	•	Nb	10	-	10	6
Donaghadee	1015.5	-3	WSW	2	CR	58	92	6	2500	Nb	9	-	9	2
Birr Castle	1018.8	•	SW	3	C	59	85	6	450	St	8	-	8	•
Holyhead	1018.2	0	SW	4	cdo	60	92	7	4000	St	9	-	9	4
Liverpool (Bidston)	1019.1	-1	SW	3	C+	60	85	9	1500	Stu	8	-	8	•
Chester (Sealand)	1019.5	0	SW	2	C	61	85	8	1600	Stu	7	ACu	8	•
Harrogate	1018.6	-1	SSW	1	C+	59	75	7	4000	Nb	5	ACu	9	•
Spurn Head	1019.4	0	SWW	4	C	63	76	7	4000	CuNb	8	-	8	1
Birmingham (Edgbaston)	1021.6	0	SW	3	C	61	75	8	2500	Stu	6	CiSt	8	•
Cranwell	1020.9	0	SW	3	C	61	85	7	4000	Stu	6	CiSt	9	•
Gorleston	1022.1	+1	WSW	1	C	64	85	6	2500	Nb	5	ASt	10	0
Valentia (Cahirciveen)	1021.9	+1	SWW	4	bc	60	85	8	1500	Stu	7	-	7	4
Roches Point	1021.5	+1	W	3	bc	62	85	8	2500	Cu	4	ACu	6	4
Pembroke (St. Ann's H.)	1021.7	0	WSW	5	C	61	85	6	1500	Stu	4	CiSt	8	4
Ross-on-Wye	1021.8	0	WSW	3	C	60	85	7	4000	Cu	3	Ci	8	•
Leafield	1022.7	+2	SWW	3	C-	59	85	8	4000	Stu	8	CiSt	9	•
Winchester (Worthy Dn.)	1023.8	+1	SWS	2	C	63	85	8	4000	Stu	8	-	8	•
S. Farnborough	1023.6	+1	WS	2	bc	63	75	7	5700	Stu	4	Ci	7	•
London (Kew Obsy.)	1023.6	0	WSW	3	C+	64	75	7	800	Stu	7	ASt	9	•
Croydon	1023.7	+1	SWS	3	bc-	63	85	7	1500	St	7	-	7	•
Shoeburyness	1023.5	0	SW	4	bc	64	92	7	5700	Cu	4	Ci	7	•
Clacton-on-Sea	1023.1	0	SW	4	bc	65	85	7	4000	CuNb	6	-	6	2
Felixstowe	1023.0	+1	SW	2	C	67	65	7	4000	Stu	9	-	9	1
Lympne	1024.2	-1	WS	3	bc-	61	75	7	1500	Cu	2	ACu	4	•
Scilly (St. Mary's)	1024.5	0	WSW	4	bc	61	85	7	4000	Stu	7	-	7	2
Falmouth (Pendennis)	1024.5	0	WSW	3	C+	61	85	8	4000	Stu	6	ASt	9	1
Plymouth (Cattewater)	1024.7	0	WSW	4	C	61	85	7	2500	Nb	9	-	9	1
Portland Bill	1023.9	0	SW	4	C	62	85	6	2500	Stu	9	ASt	10	4
Southampton (Calshot)	1024.5	0	SW	4	C+	64	85	7	2500	Stu	9	-	9	0
Dungeness	1024.5	-2	WSW	5	C+	63	85	8	~~800~~ 1500	Cu	6	CiSt	9	5
Guernsey (Fort. George)	1026.6	-1	W	3	bc	61	85	7	4000	Stu	4	ASt	6	3

LONDON OBSERVATIONS.

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

	Height above S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.§ (To-day.)
Kew	18	c	cp.c	cbmw	69	53	45	Tr.	-	6.5	*	*	7
Croydon	244	bbc	c	bewin	69	55	51	-	-	7.7	*	*	7
Greenwich (Royal Obsy.)	149	bcb	bcy	cirbwc	73	52	43	-	Tr.	8.2	59	78	6
Oley (Bunhill Row)	90	*	*	*	*	*	*	*	*	6.5	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	70	52	46	-	-	7.0	62	77	*
Regent's Pk. (Botanic Gdns.)	166	*	*	*	*	*	*	*	*	5.4	*	*	*
Camden Square	110	co	oc	*	72	54	*	-	-	*	*	86	*
Kensington Palace	89	cbc	co	*	70	53	44	-	-	*	(At 18h.) 73	77	*
Hampstead Observatory	450	*	*	*	68	49	42	Tr.	Tr.	5.7	*	91	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 11th

	Max.	Time.	Min.	Time.
South Kensington	0.4	11th 7h.	<0.3	10th 21h.
Kew Observatory	0.2	11th 7h.	<0.1	11th 3h.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th ..... 12h. 15m. to 11th ..... 4h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.8	6.16	68
δ Ursæ Minoris	9.0	6.11	67

CODE FOR STATE OF GROUND.

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

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

11th-12th September, 1928.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.21	11.50	18.17
	5.23	11.49	18.15
Greenwich	5.29	11.57	18.23
	5.31	11.56	18.21
Wick	5.34	12.9	18.43
	5.36	12.9	18.40
Valentia	6.10	12.38	19.4
	6.12	12.37	19.2

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ra sleet. t thunder.
u ugly, threatening skys
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

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

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

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

SEA DISTURBANCE.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

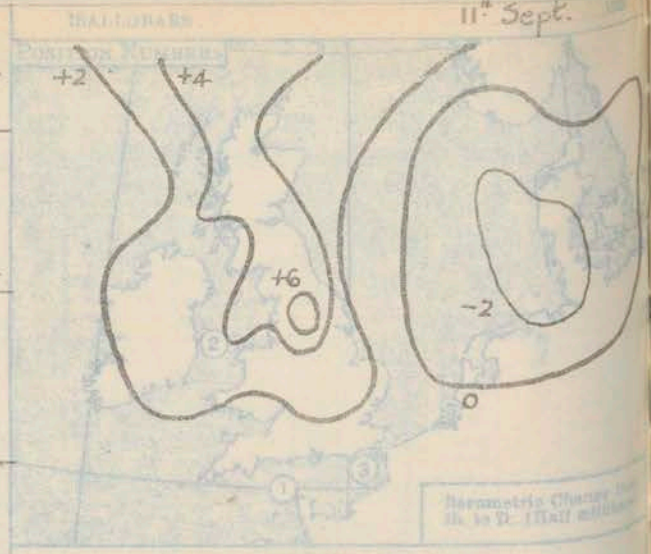
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

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

M.O. Form 2570.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 10h.	13h.-18h. 10h.	18h. 10h. to 1h. 11h.	1h.-7h. 11h.	Temperature. Max. Day 7h.-18h.	Min. Night 18h.-7h.	Min on Grass	Rainfall† Day 7h.-18h. mm.	began.	Night 18h.-7h. mm.	began.	Sun 10h. Hours.
Lerwick	cec	crrbc	c	cbc	56	49	•	2	17.30	-	-	4.4
Stornoway	p	p	b.bc	p	57	43	•	5	<8.00	2	<21.00	6.8
Wick	b-bc	cpr.c	c	p-bc	60	44	•	0.1	15.30	-	-	•
Tiree	pRc	prro	cbc	bec	57	50	44	2	<8.00	-	-	2.8
Nairn	bcc	cprbcc	cbc	bw	61	44	•	2	14.30	-	-	6.3
Aberdeen	bbccy	cyc	cprbc	b-bc	63	45	39	-	-	0.3	<21.00	5.9
Malin Head	cpr.cr.	cr.cR	bcrbcb	bbc	57	51	•	8	<8.00	0.5	<21.00	0.3
Renfrew	bccp.	cuporr	Rr.c	bccp.	61	42	35	3	9.00	5	<21.00	4.8
Edinburgh (Inchkeith)	bcprc	bccpr	orrrrbc	bbc	58	48	45	0.1	9.00	8	<21.00	6.3
Leuchars	bcqc	cpqc	rrc	bc	62	42	38	2	12.30	5	<21.00	7.3
Eskdalemuir	cbcpr.bc	cycprrm	cRiRc	cbc	59	43	40	0.4	11.00	8	<21.00	6.4
Tynemouth	bc	bc	orrbc	bc	65	48	42	-	-	7	<21.00	•
Blacksod Point ...	pc	RR	cb	d. D	59	50	•	11	•	2	•	•
Donaghadee	bcc	iRz.	iR bc	bcw	62	48	•	3	16.30	1	<21.00	•
Birr Castle	cir.	cirm.	cbc	bcpr.	62	53	46	5	9.00	0.2	3.30	1.3
Holyhead	bbc	c	cb.c	id.c	63	55	53	Tr.	17.30	0.2	3.30	5.2
Liverpool (Bidston) ...	cbcc	cv	cbcc	cpv	63	54	53	-	-	0.5	4.30	2.8
Chester (Sealand) ...	r.r.cbc	cpr.c	cpr.	cpr.m.	68	55	53	1	<8.00	1	<21.00	4.0
Harrogate	cpbbc	bcc	ciR	ciRbcc	62	49	46	0.3	9.00	3	<21.00	8.2
Spurn Head	cbr	cpr.	cbc	bc	66	55	•	Tr.	9.00	-	-	4.3
Birmingham (Edgbaston)	bcpr	cpr.	cbc	bc	65	61	48	2	11.00	-	-	3.2
Cranwell	bcb.c	cpmd.	cb-bc	bcc	68	53	50	Tr.	16.30	-	-	5.7
Gorleston	bbc	ibccpr.	cbcb	bw	70	53	51	Tr.	16.30	Tr.	-	8.7
Valentia (Cahirciveen)	cp.c	cbc	bcb	bwbcc	62	56	49	Tr.	<8.00	Tr.	-	2.3
Roches Point	c	cp.bc	bcbw	bbczw	63	52	•	Tr.	13.30	Tr.	-	•
Pembroke (St. Ann's H.)	cbcp.	bcc	bc	bcp.	62	56	•	0.3	9.00	Tr.	2.30	2.9
Ross-on-Wye	cbcpc	c	c	cbcw	65	54	47	Tr.	11.00	-	-	2.6
Leafield	bcc	cbc c	cbcbw	b	64	52	50	Tr.	13.30	-	-	4.8
Winchester (Worthy Do.)	bcc	cpr.c	c	c	69	51	43	Tr.	16.30	-	-	6.1
S. Farnborough ...	bc	cpr.c	cb	bwbcc	67	52	45	Tr.	12.30	Tr.	-	4.12
London (Kew Obsy.) ...	c	cpc	c	bcm.w	69	53	45	Tr.	11.00	-	-	6.5
Croydon	bbcc	c	bccb	bbcwm.	69	55	51	-	-	-	-	7.7
Shoeburyness	bc	bcc	bc	bcm.	72	53	47	-	-	-	-	9.4
Clacton-on-Sea ...	bccpc	bccbc	bc	bc	71	54	50	-	-	-	-	8.2
Felixstowe	bcmbcc	bcyc	cbcbw	bwm.	70	55	52	-	-	-	-	7.8
Lympne	bmbcc	cbc	bcb	bcm.w	69	49	37	-	-	Tr.	-	8.5
Scilly (St. Mary's) ...	cp.bc	bc	bc	bw	65	54	•	0.2	9.00	-	-	2.7
Falmouth (Pendennis)	cr.	c	cbcb	b	65	55	•	Tr.	<8.00	-	-	1.1
Plymouth (Cattewater)	bccc	oc	cb	bwfe	64	51	47	-	-	-	-	0.4
Portland Bill	cz.	cz.	cbcb	bc3.	64	59	•	-	-	-	-	•
Southampton (Calshot)	bcqcpc	cbcc	bcbw	bwbcm.	68	52	42	Tr.	11.00	Tr.	-	6.3
Dungeness	bcbc	bcqcq	cbcb	b	67	52	•	-	-	-	-	•
Guernsey	bbcq	bcq	bw	bcbw	65	55	•	-	-	0.1	-	



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea	
2	10th 10h.	Hibernia	W	4	c	58	66	8
1	" 12h.	St. Julien	W	5	c+	64	62	7
3	11th 1h.	Brighton	W	4	bc-	61	63	8

General Inference.

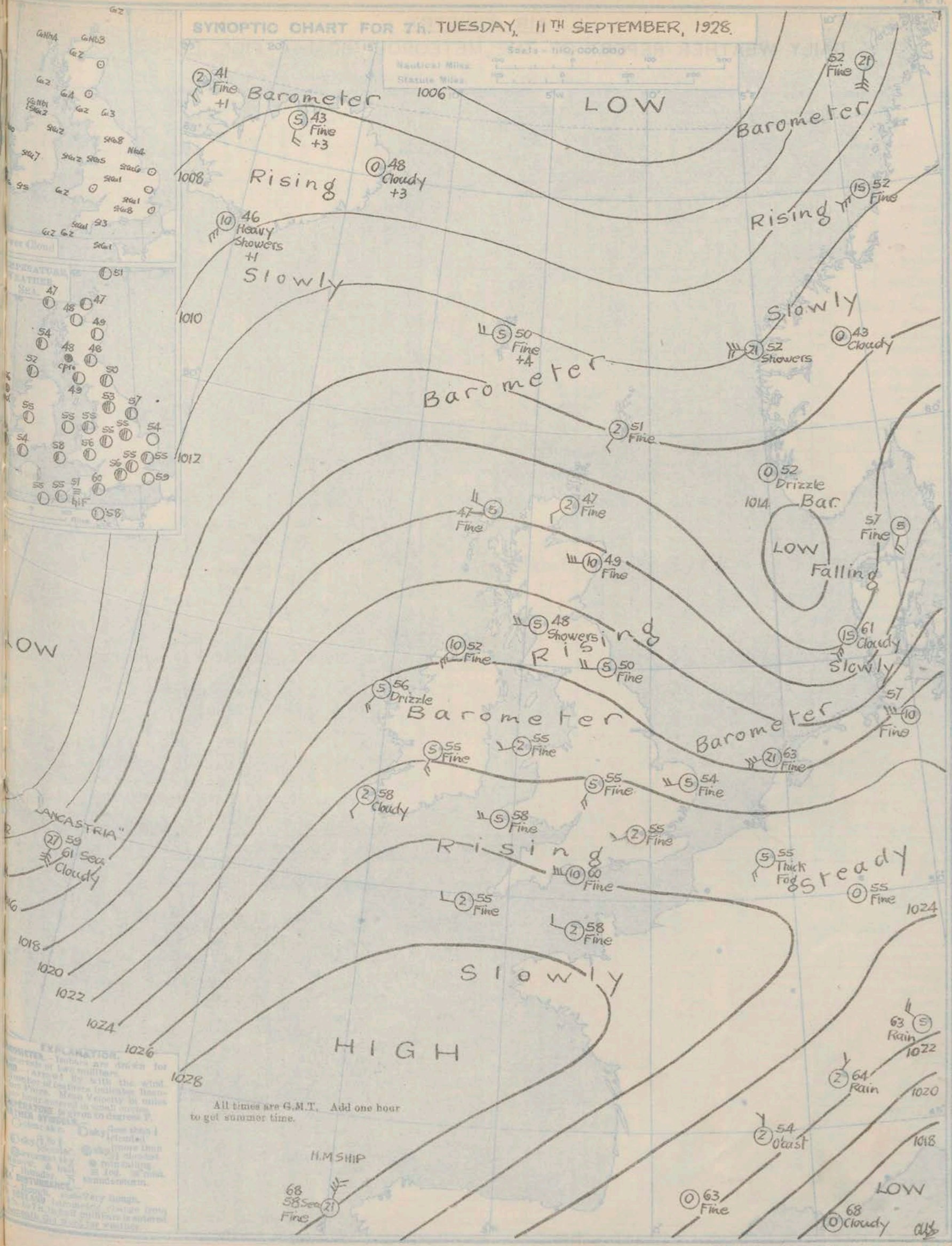
A large anticyclonic belt from the Azores to Germany is extending up over the British Isles, while a depression off S.E. Greenland is likely to pass near Iceland and grow deeper. Weather will be fair over most of the British Isles but unsettled near the northwest seaboard with strong S.W. winds.

Tuesday, 11th September, 1928.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind W., to S.W., light; fair; local morning fog; rather warm.	Unsettled in the N.W.; fair for at least two or three days in the S.E.
7. North Wales 8. N.W. England	Wind W. to S.W., light freshening later; fair at first, cloud increasing later with perhaps local drizzle in the hills; moderate temperature.	
9. N. Midlands 10. N.E. England	As 1 - 6.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind W.,, light, backing S.W., and freshening; fair today, less settled tomorrow with perhaps some rain or drizzle; moderate temperature.	
13. (A) W. Scotland (B) N.W. Scotland 14. Mid Scotland	Wind backing S.W. to S., becoming fresh or strong; cloudy, some rain or drizzle; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 11 - 12.	
17. N.W. Ireland	As 13.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 11 - 12.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 G.M.T.

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....TUESDAY, 11th SEPTEMBER...1928. No. 255.

Stations.	Height above M.S.L. in feet.	Observations at 1h. 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. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. 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. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Rain
Lerwick	54	1010.5	+3	SW	1	c	51	75	7	1500	Cu	6	ASt	8	1013.8	+4	SW	1	bc	51	85	8	2500	Cu	2	ASt	4	.
Stornoway	30	1015.0	+3	NW	2	b-	•	•	8	•	•	•	•	0	1017.6	+4	WNW	2	bc/r	47	92	7	4000	CuNb	4	-	4	0
Wick	81	1014.4	+3	WSW	2	bc	45	97	8	2500	St	3	-	3	1017.4	+3	WSW	1	bc	47	92	8	1500	CuNb	3	ACu	5	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	+2	W	3	bc+	54	92	8	2500	Cu	2	ACu	6	•
Nairn	83	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.2	•	W	1	b-	48	85	8	2500	Cu	2	-	2	0
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.3	+4	W'N	3	b	49	75	8	-	-	0	Ci	1	
Malin Head	51	1013.2	+4	W	3	b	52	85	7	4000	Cu	2	-	2	1021.9	+4	SW	3	bc	52	92	8	4000	StCu	3	-	3	1
Renfrew	56	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.5	+3	W	2	c/pr.	48	97	7	4000	Cu	4	CiCu	8	1
Edinburgh (Inchkeith)	190	1016.0	+3	N	3	b	50	92	8	-	-	0	-	0	1020.2	+4	W	3	bc	48	97	6	-	-	0	ACu	3	
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.2	+4	WSW	1	bc	47	85	8	-	-	0	Ci	5	
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.8	+4	WNW	3	bc	49	85	8	1500	Cu	2	Ci	3	
Tynemouth	67	1016.4	+2	W	2	b/r	55	92	8	1500	Cu	2	-	2	1020.6	+4	W	2	bc	50	85	7	1500	Cu	3	ACu	4	1
Blackcod Point ...	18	1019.8	+2	-	0	bc	62	92	7	•	Cu	3	-	3	1022.3	+2	SW	2	pd+	56	97	5	•	Nb	10	-	10	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.2	+3	W	2	bc-	50	92	8	4000	StCu	2	ACu	4	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.6	•	SW	2	bc-	55	97	6	2500	StCu	7	-	7	1
Holyhead	26	1020.0	+2	WSW	4	c	58	85	7	1500	StCu	9	-	9	1023.3	+4	W'S	1	b-	55	92	8	4000	StCu	2	Ci	2	
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.5	+3	W'N	2	bov-	55	85	9	2500	StCu	5	Ci	6	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	+4	W'N	2	c/pr.	55	97	6	1500	St	7	ASt	9	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+6	SW	2	c	53	85	8	4000	StCu	8	-	8	•
Spurn Head	29	1019.3	0	SW	5	bc	58	92	7	4000	Nb	4	-	4	1022.0	+2	W'S	4	bc	57	92	6	4000	Nb	4	ACu	8	TV
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.4	+2	SW	2	bc	55	85	8	4000	StCu	1	Ci	8	•
Cranwell	233	1022.6	+1	SW	4	b	56	97	7	-	-	0	ASt	2	1023.4	+3	WSW	3	c+	55	92	6	4000	StCu	6	ACu	8	0
Gorleston	14	1022.3	0	WSW	3	b	58	85	7	-	-	0	-	0	1022.8	+2	W'S	2	b	54	97	6	-	-	0	-	0	
Valentia (Cahirciveen) F	30	1023.2	0	WSW	2	bc-	58	97	8	•	St	3	-	3	1025.1	+1	SW	1	c	58	92	7	800	StCu	8	-	8	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.6	+3	NW	2	bc	54	97	6	800	St	5	-	5	0
Pembroke (St. Ann's H.)	150	1022.9	0	WSW	5	bc	59	85	8	1500	StCu	4	ACu	6	1024.8	+2	W	2	bc	58	85	8	2500	Cu	2	CiSt	5	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.5	+2	SW	2	bc	56	85	8	-	-	0	Ci	6	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.7	+3	SWW	2	ffb	53	97	2	-	-	0	-	0	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	+2	SW'W	1	c-	54	97	6	2500	StCu	8	-	8	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	+2	W'S	2	c+	56	92	7	4000	StCu	8	-	8	•
London (Kew Obsy.) ...	18	•	•	•	•	•	57	•	•	•	•	•	•	•	1025.5	+1	WSW	1	bc+	55	92	5	2500	StCu	1	Ci	3	•
Croydon	244	1024.3	0	WSW	3	b	57	85	7	-	-	0	-	0	1025.2	+2	W'S	3	bc+	56	92	6	5700	StCu	2	Ci	4	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.9	0	SW	2	bc	57	92	6	-	-	0	Ci	4	2
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.3	+2	W	3	bc	55	92	7	-	-	0	Ci	4	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.1	+1	W'S	3	bc	56	85	6	-	-	0	Ci	3	•
Lympne	350	1024.4	0	W	3	b-	55	97	7	-	-	0	-	0	1025.0	+1	NW	2	b	53	97	6	-	-	0	Ci	1	
Scilly (St. Mary's) ...	163	1025.6	+1	W	3	b	57	92	8	-	-	0	-	0	1026.7	+1	W'N	1	b	55	97	8	4000	Cu	2	-	2	1
Falmouth (Pendennis)	300	1025.1	0	W	3	b	56	97	7	4000	StCu	2	-	2	1026.4	+1	W	1	b	55	97	7	4000	Cu	2	-	2	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.7	+2	E	2	iFb	51	97	1	4000	StCu	1	-	1	0
Portland Bill	52	1024.7	0	WSW	3	b	60	85	8	-	-	0	-	0	1025.4	+1	W	3	bc-	60	85	6	1500	St	3	ACu	7	2
Southampton (Calshot)	10	1025.1	0	W	3	b	56	92	7	-	-	0	-	0	1025.8	+1	WSW	1	bc+	54	92	6	4000	StCu	7	-	7	0
Dungeness	20	1024.5	+1	W	3	b-	60	85	8	-	-	0	-	0	1025.6	+1	W	2	b+	59	85	8	-	-	0	CiCu	2	1
Guernsey (Fort George) F	295														1026.9	+1	WNW	1	b	58	92	7	4000	StCu	1	ACu	2	0

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 9th to 9h. 10th	Temperature. Max. 9h.-17h. 10th	Rainfall.† Night 17h.-9h. 9-10th	Rainfall.† Day 9h.-17h. 10th	Sunshine. Sunrise to 17h. 10th	Sunshine. Sunrise to Sunset. 9th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	b	bbc	52	62	2	-	8.1	2.4
Douglas (I. o. M.) ...	cbbcq	cboR	52	60	2	4	5.9	8.7
Llandudno ...	c	c	58	64	0.3	-	1.8	5.1
Colwyn Bay ...	cbbc	cbbcb	57	67	2	-	3.5	4.4
Rhyl	cb	cbc	56	64	0.5	-	0.8	5.1
Wallasey	bcb	bcc	55	65	3	-	3.0	4.3
Southport	cbc	bcco	*55	63	0.2	-	5.1	4.0
Blackpool	orcbc	bcco	57	62	2	-	6.3	4.1
Ilkley	bc	bcc	52	64	0.4	-	7.8	0.4
Cleethorpes	cbob	coro	53	68	-	Trace	3.4	0.9
Skegness	bc	bcco	50	68	2	-	4.9	1.2
Aberystwyth ...	bc	c	58	63	2	-	0.4	5.2
Bath	cbcp	c	51	67	-	Trace	3.1	0.9
Cheltenham ...	bc	bccp	54	66	-	1	3.8	0.1
Leamington Spa ...	cp	cp	51	65	-	0.2	0.4	0.2
Lowestoft	b	bccpc	51	71	7	0.5	8.3	6.0
Harwich & Dovercourt	rbc	bc	~~56~~ 51	70	5	-	7.7	5.5
Maldon	bbc	bcc	48	71	2	-	6.8	(0.1)
Southend	bc	bcc	52	74	0.4	-	9.4	2.3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe ...	co	coc	57	64	2	-	1.3	4.6
Bude ...	wbc	cbc	57	65	1	-	2.7	7.0
Penzance	c	cbc	56	67	0.2	-	1.7	8.8
Paignton	pco	o	52	67	0.3	-	2.5	3.2
Torquay	c	coc	56	68	-	-	2.9	3.5
Jersey	bc	b	57	67	-	-	10.0	1.4
Weymouth	bc	bcc	54	68	-	-	3.6	0.7
Bournemouth ...	ocbc	bcc	51	68	-	-	5.0	0.0
Ventnor ...	cub	bc	55	65	Trace	-	6.7	0.0
Portsmouth (S'thsea)	bcb	bbc	54	68	-	-	7.3	0.1
Bognor	cbc	bc	53	68	-	-	8.4	0.0
Littlehampton ...	bbcc	cbc	47	65	0.1	-	7.8	0.2
Worthing	cbc	bc	50	68	-	-	8.3	0.1
Brighton	bccdc	cbc	52	66	0.3	Trace	7.6	0.4
Eastbourne‡	bc	bc	55	67	1	-	9.2	1.1
Hastings‡	cbcc	bcc	51	68	0.4	-	7.8	3.0
Folkestone	cbc	bccbc	51	70	Trace	-	8.9	4.6
Dover	b	bbcb	54	67	-	-	9.5	5.0
Tunbridge Wells ...	bbc	bcopc	49	69	2	0.5	6.8	6.6
Ramsgate	b	bbc	53	70	-	-	9.7	5.4
Margate	bcb	bc	52	73	-	-	9.8	6.5
Deal	b	b	52	71	-	-	9.2	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 not usually received. F The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †: See footnote page 1.

† At stations marked thus the maximum temperature is for the period 31h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24401. WEDNESDAY, 12th SEPTEMBER 1928.

Observations at 13h. 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	1017.6	+2	W	3	bc	56	65	8	2500	Cu	3	ASt	7	•
Stornoway	1020.3	+2	W	2	bc	57	75	8	4000	CuNb	7	-	7	•
Wick	1020.4	+3	WNW	2	bc	57	75	8	2500	Cu	5	-	5	•
Tiree	1022.4	+2	WSW	3	cjp	58	85	9	2600	StCu	9	-	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1021.9	+2	WNW	2	bc-	57	65	8	4000	StCu	5	-	5	1
Malin Head	1023.2	+1	SW	3	c	59	75	9	4000	Cu	6	ACu	8	•
Renfrew	1023.1	+1	WSW	2	c	60	55	8	4000	StCu	4	ACu	9	2
Edinburgh (Inchkeith)	1022.1	+2	SW	3	c	57	65	8	4000	Cu	5	ACu	9	•
Leuchars	1022.0	+1	W	3	bc	62	55	9	2500	StCu	7	-	7	1
Eskdalemuir	1023.4	+1	WSW	2	c	54	75	8	2500	StCu	8	-	8	2
Tynemouth	1022.3	+2	W	2	bc+	60	55	8	1500	Cu	6	-	6	•
Blacksod Point	1023.4	+1	S	3	bc	62	75	8	•	Cu	4	-	4	•
Donaghadee	1023.9	+2	W	2	bc+	60	65	8	4000	StCu	4	ACu	5	•
Birr Castle	1024.1	•	SW	1	bc	65	85	7	2500	CuNb	6	-	6	•
Holyhead	1024.9	+1	NWW	2	c	60	85	8	1500	StCu	9	-	9	1
Liverpool (Bidston)	1026.0	0	WN	2	bc-	59	75	9	1500	Cu	3	-	3	•
Chester (Sealand)	1024.6	0	NNW	4	bc	63	65	8	2600	St	7	-	7	1
Harrogate	1023.6	+1	SW	3	bc	62	55	9	4000	StCu	4	-	4	•
Spurn Head	1023.6	+1	WNW	3	bc	61	85	7	4000	CuNb	5	ACu	7	•
Birmingham (Edgbaston)	1025.0	0	NNW	2	bc	63	75	7	2500	Cu	6	-	6	0
Cranwell	1024.5	+1	NW	2	c	61	85	6	2500	StCu	10	-	10	0
Gorleston	1023.9	+1	NNW	3	bc+	64	75	6	2500	StCu	7	-	7	•
Valentia (Cahirciveen)	1024.9	-1	SW	3	bc	66	65	8	2500	StCu	3	-	3	0
Roches Point	1025.9	0	SW	3	bc/pr0	60	97	8	1500	CuNb	3	CiCu	5	•
Pembroke (St. Ann's H.)	1025.3	0	W	3	bc	62	85	8	1500	Cu	2	CiSt	4	•
Ross-on-Wye	1024.2	+1	WNW	2	bc	66	55	9	4000	Cu	6	-	6	0
Leafield	1024.7	-1	WNW	3	bc	67	55	8	4000	Cu	4	-	4	0
Winchester (Worthy Dn.)	1025.1	-1	WSW	3	bc	66	65	8	4000	Cu	6	-	6	1
S. Farnborough	1024.9	-1	WNW	2	bc	70	45	7	5700	Cu	3	-	3	0
London (Kew Obsy.)	1025.0	-1	SWW	2	bc	66	55	8	5700	Cu	3	-	3	0
Croydon	1024.9	-1	WSW	1	bc-	67	55	7	4000	Cu	5	-	5	1
Shoeburyness	1024.5	0	WNW	2	bc+	67	65	7	4000	Cu	6	-	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1024.3	-1	WNW	2	bc	68	55	8	2500	Cu	5	-	5	0
Lympne	1024.8	-1	NW	3	c+	68	55	8	4000	Cu	8	-	8	0
Scilly (St. Mary's)	1026.5	0	-	0	bc	61	85	8	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1025.9	-1	S	2	bc-	63	85	8	4000	Cu	5	CiSt	7	•
Plymouth (Cattewater)	1026.4	-1	SW	3	c	60	85	7	4000	Nb	9	ACu	9	0
Portland Bill	1025.1	0	WSW	2	c+	65	75	8	2500	StCu	6	ACu	8	•
Southampton (Calshot)	1025.7	-1	SW	3	bc-	67	55	8	4000	Cu	3	-	3	0
Dungeness	1025.3	-2	W	3	bc+	66	75	8	2600	Cu	6	-	6	•
Guernsey (Fort George)	1026.9	-1	N	1	bc	62	75	8	2500	Cu	4	-	4	•

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1020.3	+2	W	2	bc	53	75	8	2500	Cu	4	ASt	6	•
Stornoway	1020.9	+1	W	1	c+	55	85	8	4000	CuNb	8	CiSt	9	0
Wick	1022.7	+3	-	0	bc	55	85	8	2500	Cu	5	ACu	7	0
Tiree	1022.7	0	SW	2	cjp	56	92	9	2500	CuNb	8	ACu	9	1
Nairn	1022.1	•	-	0	bc	56	85	8	2600	Cu	5	-	5	•
Aberdeen	1023.1	+1	SSW	1	bcg0	55	75	7	4000	StCu	3	-	3	0
Malin Head	1023.1	0	S	1	bc-	59	85	8	5700	StCu	2	ACu	3	1
Renfrew	1024.1	+1	WSW	2	bc	55	75	8	5700	Cu	3	-	3	•
Edinburgh (Inchkeith)	1023.5	+1	WSW	2	c	55	85	8	4000	StCu	6	ACu	9	0
Leuchars	1023.2	+2	SW	2	c	55	85	9	7200	StCu	8	-	8	•
Eskdalemuir	1024.3	+1	WN	2	bc	54	75	9	2600	Cu	4	-	4	•
Tynemouth	1024.8	+2	NNE	1	bc	65	85	8	1500	CuNb	4	ACu	6	1
Blacksod Point	1022.4	+1	S	3	bc	60	85	8	•	Cu	5	-	5	4
Donaghadee	1024.1	+1	WSW	1	c	59	75	8	4000	StCu	8	-	8	1
Birr Castle	1024.1	•	SW	1	bc-	66	85	7	2500	CuNb	1	CiCu	5	•
Holyhead	1025.1	0	SW	1	c	59	92	8	7200	StCu	9	-	9	0
Liverpool (Bidston)	1025.8	+1	WSW	2	bc	58	75	8	2500	StCu	2	CiCu	5	•
Chester (Sealand)	1026.3	+1	NW	2	bc	57	75	8	7200	StCu	3	Ci	4	•
Harrogate	1024.8	+1	SWS	1	bc	57	75	8	4000	StCu	3	-	3	•
Spurn Head	1025.0	+1	ESE	2	bc-	56	85	7	4000	CuNb	4	-	4	0
Birmingham (Edgbaston)	1025.2	+1	NNW	2	bc	61	65	6	2500	StCu	4	-	4	•
Cranwell	1025.1	+1	NW	1	bc-	58	75	6	2500	Cu	6	-	6	•
Gorleston	1024.8	+1	NEN	2	c+	59	75	7	2500	StCu	9	-	9	0
Valentia (Cahirciveen)	1024.1	-1	S	3	bc	61	85	8	1500	Cu	5	CiCu	6	0
Roches Point	1025.5	0	SW	2	bc	61	92	8	4000	StCu	5	-	5	0
Pembroke (St. Ann's H.)	1025.3	0	-	0	b-	61	85	8	-	-	0	-	0	1
Ross-on-Wye	1024.5	0	NW	2	bc	64	65	8	4000	Cu	2	Ci	3	•
Leafield	1024.7	0	NNW	2	bc	61	75	8	5700	StCu	5	-	5	•
Winchester (Worthy Dn.)	1024.9	0	WN	1	b	64	65	8	-	-	0	ACu	1	•
S. Farnborough	1024.8	0	-	0	b-	65	65	8	5700	StCu	2	-	2	•
London (Kew Obsy.)	1025.1	0	-	0	bc	66	55	8	4000	StCu	4	ACu	5	•
Croydon	1024.8	0	NWW	1	b-	64	65	6	7200	StCu	2	-	2	•
Shoeburyness	1024.8	0	NNE	2	bc+	64	85	7	2500	Cu	7	-	7	•
Clacton-on-Sea	1024.8	0	NW	3	bc	66	65	7	7200	StCu	7	-	7	1
Felixstowe	1024.8	+1	NE	3	c	62	85	8	2500	Cu	9	-	9	1
Lympne	1024.7	+1	WSW	1	b-	60	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	1026.3	-1	-	0	b	61	85	7	4000	CuNb	1	Ci	2	1
Falmouth (Pendennis)	1025.6	0	-	0	c	61	85	8	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1025.7	0	WNW	3	c-	60	85	7	5700	StCu	6	ACu	8	0
Portland Bill	1025.1	-1	WSW	2	b	62	75	8	2500	StCu	1	-	1	1
Southampton (Calshot)	1025.0	0	SW	4	b	63	75	7	-	-	0	ACu	1	0
Dungeness	1024.9	0	W	2	bc-	63	85	8	-	-	0	CiCu	4	2
Guernsey (Fort George)	1026.0	-1	-	0	b-	60	85	8	2500	Cu	1	-	1	0

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 Hours ended 9h.)	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 18h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility 9h.
Kew	18	cw	bcy	bmffFw	69	46	38	-	-	9.0	*	*	1
Croydon	244	bcz0y	bcy	bmFeFe	70	48	42	-	Tr.	9.6	*	*	4
Greenwich (Royal Obsy.)	159	czy0	bzybc	cbwf	72	46	32	-	-	9.3	56	95	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	8.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	71	53	45	-	-	9.2	55	69	*
Regent's Pk. (Botanic Gdns).	163	*	*	*	*	*	*	*	*	6.9	*	*	*
Camden Square	110	oc	cbc	*	73	50	*	-	-	*	*	94	*
Kensington Palace	80	cbc	bc	*	70	49	40	-	-	*	(At 18h) 63	88	*
Hampstead Observatory	450	*	*	*	70	49	37	-	Tr.	8.4	*	83	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.2	12th 7h	<0.3	11th 17h

Kew Observatory

Max.	Time.	Min.	Time.
Defective Record			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 19 h. 15 m. to 12th 4 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9.15	9.00	97
δ Ursae Minoris	9.15	9.00	97

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

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

12th + 13th September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.23 / 5.25	11.49 / 11.49	18.15 / 18.12
Greenwich	5.31 / 5.33	11.56 / 11.56	18.21 / 18.18
Wick	5.36 / 5.38	12.9 / 12.8	18.40 / 18.37
Valentia	6.12 / 6.13	12.37 / 12.37	19.2 / 19.0

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze: the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

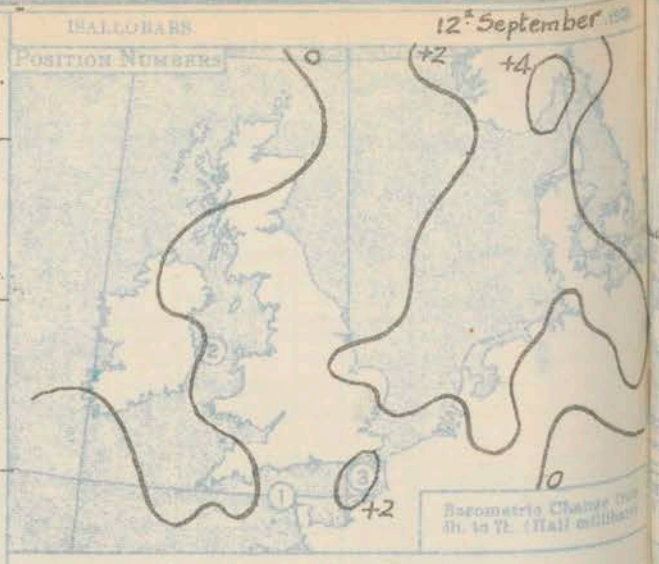
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-12h. 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.	began.	Night. 18h.-7h. mm.	began.	Sun 11th Hours.
Lerwick	bc	bc	b	bw	58	47	•	-	-	-	-	11·3
Stornoway	p	c	c	c	59	51	•	0·2	<8.00	-	-	4·2
Wick	b-bc	b-bc	b-bc	b-bc	57	46	•	-	-	-	-	•
Tiree	bcc	pd.bc	cbc	pd.bc	60	53	50	Tr.	14.30	Tr.	2.30	5·1
Nairn	bbcp.	bc	bcw	bc	61	43	•	Tr.	11.00	-	-	8·5
Aberdeen	bbcjp	bcpr.bc	bcbw	bbcbwm.	60	39	33	Tr.	14.30	-	-	6·8
Malin Head	bccv	cbc	bcbc	bbcc	60	53	•	-	-	-	-	3·8
Renfrew	bccp.	cbc	bc	cbcff	62	47	45	Tr.	11.00	-	-	7·8
Edinburgh (Inchkeith)	bcc	c	cbcb	bbcb	59	50	39	-	-	-	-	6·5
Leuchars	bcvy	bcvy	cvc	cbcw	63	43	37	-	-	-	-	7·1
Eskdalemuir	bcc	cvbcv	bcvbw	bwcw	59	35	32	-	-	-	-	4·5
Tynemouth	bc	bc	bc	bcb	64	45	40	-	-	-	-	•
Blacksod Point ...	bcbc	bcbc	c	c	63	58	•	0.2	•	-	•	•
Donaghadee	bc	bcc	bow	bcc	63	52	•	-	-	-	-	•
Birr Castle	bc	bc	bc	bc	67	51	40	-	-	-	-	7·5
Holyhead	bbcc	c	bcbwm.	bwmb	61	50	45	-	-	Tr.	-	4·0
Liverpool (Bidston) ...	cp.v	bcv bc	bccow	obfw	59	49	46	Tr.	<8.00	-	-	6·5
Chester (Sealand) ...	bc	bcb	bcb	bff bf FF	63	41?	39	-	-	-	-	8·1
Harrogate	cbcv	bc	bcb	bw	63	42	37	-	-	-	-	9·9
Spurn Head	bc	bc	bc	bcc	62	53	•	-	-	-	-	6·9
Birmingham (Edgbaston)	bc	bc	bcb	bf	67	48	35	-	-	-	-	9·1
Cranwell	c	c	cbc	bff	65	41	37	-	-	-	-	6.4
Gorleston	bbc	bbc	cbcb	bw	67	46	43	-	-	Tr.	-	6.0
Valentia (Cahirciveen)	cbcc	bc	bcb	bwbcc	66	57	51	-	-	-	-	6·1
Roches Point	bczpbc	bc	bcbw	bbccw	63	56	•	0.2	12.30	Tr.	-	•
Pembroke (St. Ann's H.)	bc	bcb	b	bbc	63	63	•	-	-	-	-	10.7
Ross-on-Wye	bcv	bcy	bcbwm	bf Fe	71	44	38	-	-	Tr.	-	10.7
Leafield	fbbc	bc	bcbw	b	68	46	38	-	-	-	-	8·5
Winchester (Worthy Dn.)	cm.bc	bcyb	bm	bmw	69	47	37	-	-	Tr.	-	9·8
S. Farnborough ...	cbcy	bcyb	bm	bmofbffw	71	40	33	-	-	Tr.	-	9.2
London (Kew Obsy.) ...	cm.	bcy	bmf	cffFw	69	46	38	-	-	-	-	9.0
Croydon	bczbcy	bcy	bm.w	bmoFeFe	70	48	42	-	-	Tr.	-	9·6
Shoeburyness	bc	bcc	bc	bcwm.	71	48	43	-	-	Tr.	-	9.7
Clacton-on-Sea ...	bcy	bcy	bc	bc	71	52	47	-	-	-	-	8.3
Felixstowe	bmbbcy	bcyc	cbcbw	bwbm.	71	47	37	-	-	Tr.	-	8·9
Lympne	bm.bcy	cbcybm.	bm.	bmbfbm.	69	49	37	-	-	Tr.	-	8.4
Scilly (St. Mary's) ...	bbc	bcb	b	bbc	64	52	•	-	-	-	-	6·3
Falmouth (Pendennis)	bbcc	bccr.	cbc	bcc	65	49	•	Tr.	16.30	-	-	5.4
Plymouth (Cattewater)	bfec	cbcc	cb	bwm	66	47	41	-	-	0·1	-	4·3
Portland Bill	bc	bcb	b	bz.	66	55	•	-	-	-	-	•
Southampton (Calshot)	cbc	bcyb	bm.w	bm.w	69	53	46	-	-	Tr.	-	6·0
Dungeness	bbcbc	bcbc	bcbzw	bz.bcmm	70	47	•	-	-	-	-	
Guernsey	bbc	bcb	bw	bw	64	55	•	-	-	Tr.	-	



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	11th 10h.	Hibernia	W	1	0	58	57	7
1	- 12h.	St. Helier	NW	2	bc-	64	62	8

GENERAL INFERENCE.

A large anticyclone over England is moving northeastward. Weather will continue fine except perhaps in the extreme West and Northwest, which may be affected by a secondary depression on the Atlantic.

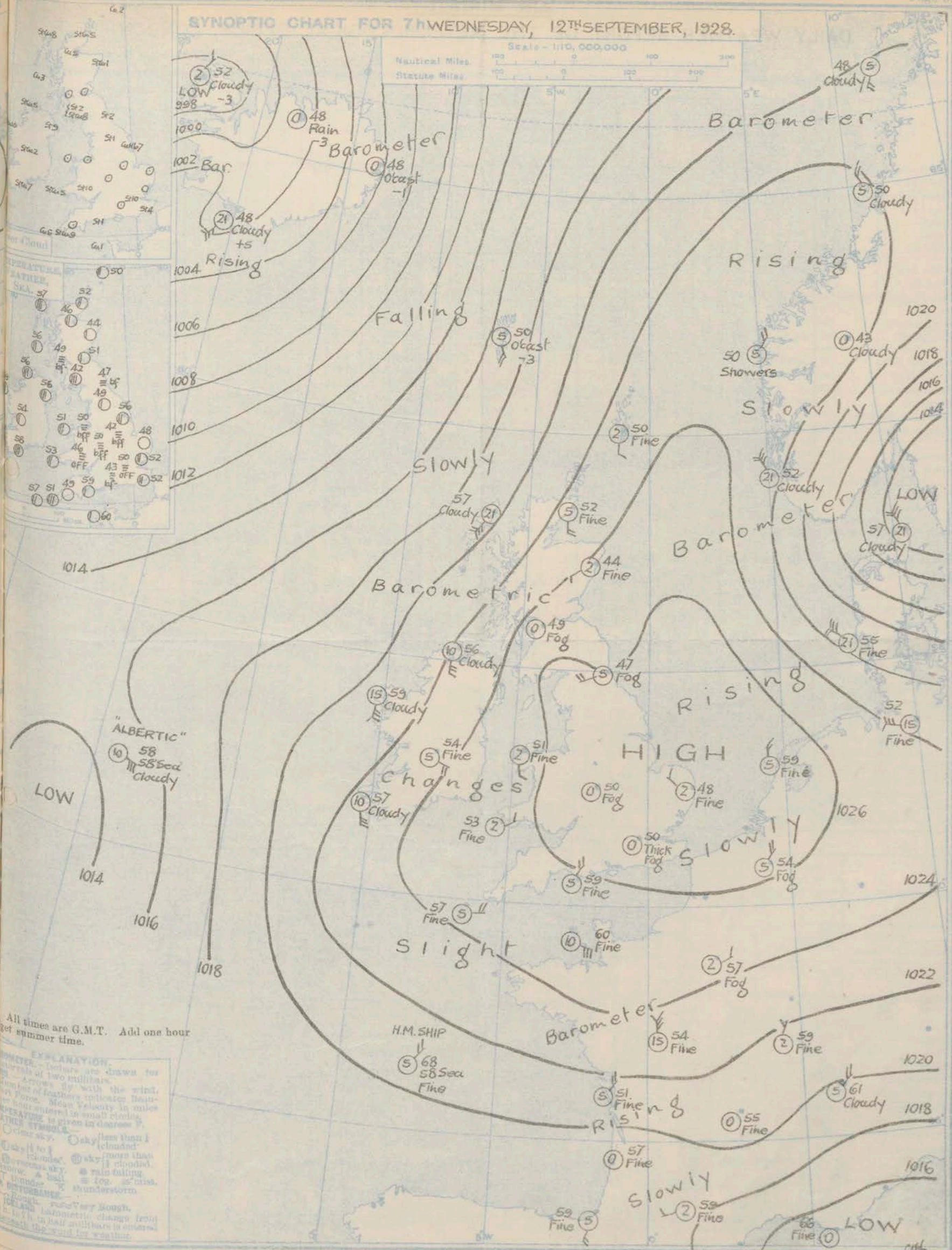
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 12th September, 1928.	Further Outlook.
1. S.E. England 2. E. England	Wind E., light to moderate; bright; local morning mist; rather warm.	Fine in Eastern and Midland districts. Probably becoming less settled in the West.
3. E. Midlands 4. W. Midlands	Wind variable or S.E. to E., light; bright; local morning fog; rather warm.	
5. S.W. England	As 1.	
6. South Wales 7. North Wales	As 2 - 4.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind S., light or moderate; bright; local morning fog; rather warm.	
13. (A) W. Scotland (B) N.W. Scotland	Wind S., moderate or fresh; mainly cloudy, perhaps some rain later; rather warm.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 8 - 12.	
17. N.W. Ireland	As 13.	
18. N.E. Ireland 19. S.E. Ireland	Wind S., light or moderate; mainly fair; rather warm.	
20. S.W. Ireland	As 13.	

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

‡ For code see page 1

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

SYNOPTIC CHART FOR 7h WEDNESDAY, 12TH SEPTEMBER, 1928.



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

○ clear sky. ◐ sky less than ½ cloaded. ◑ sky ½ to ¾ cloaded. ◒ sky more than ¾ cloaded. ● overcast sky. ▲ rain falling. ▲ shower. ▲ hail. ≡ fog. ∞ mist. ⚡ thunder. ⚡ thunderstorm.

SEA DISTURBANCE.

Smooth. Rough. Very Rough.

ISOBARS. Barometric change from 1 to 5 in half millibars is entered beneath the wind for reading.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...WEDNESDAY, 12th SEPTEMBER....1928. No. 256.

Observations at 1h. G.M.T. 12th (columns 3–15) and at 7h. G.M.T. 12th (columns 16–29)

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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	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	84	1022.4	+2	–	0	b	49	92	8	2500	Cu	2	–	2	1023.0	+1	S	1	bc	50	92	7	2500	Cu	2	ACu	3	*
Stornoway	30	1021.6	0	WSW	2	c	*	*	6	*	*	*	*	10	1019.5	-2	SW	5	c	57	85	7	4000	StCu	8	–	8	4
Wick	81	1023.1	0	SW	1	bc	53	92	8	2500	StCu	3	–	3	1022.7	-1	S	2	bc	52	97	8	1500	StCu	5	CiSt	7	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.4	0	S'E	4	bc	56	97	8	2500	Cu	3	CiSt	5	4
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.8	*	–	0	bc	46	85	8	2500	Cu	5	–	5	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.6	0	WSW	1	b-	44	92	5	4000	StCu	1	–	1	0
Malin Head	81	1022.8	-1	S	1	b	55	92	8	5700	StCu	2	–	2	1022.3	0	S	3	c	56	85	7	5700	StCu	5	ACu	8	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.2	0	–	0	fb-	49	97	3	–	–	0	ACu	2	*
Edinburgh (Inchkeith)	199	1024.2	+2	W	2	b+	50	92	8	–	–	0	ACu	2	1025.1	+1	W	1	b	51	92	6	–	–	0	ACu	2	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.9	+1	W	1	b	46	97	6	4000	StCu	2	ACu	2	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.6	0	–	0	c	42	92	8	1500	StCu	10	–	10	*
Tynemouth	67	1026.6	+1	W	2	bc-	54	85	7	800	St	3	–	3	1026.0	0	WSW	2	fb	47	85	2	1500	St	2	–	2	1
Blacksod Point	18	1020.9	-1	S	4	c	59	85	7	*	CuNb	8	–	8	1020.4	-1	S	4	c	59	85	7	*	StCu	10	–	10	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.0	0	SSW	3	c+	56	97	7	1500	St	9	–	9	2
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.4	*	ESE	2	bc	64	92	7	2500	StCu	2	CiCu	4	*
Holyhead	20	1025.3	0	SSE	1	b	53	97	6	–	–	0	–	0	1025.3	+1	S'E	1	bc+	51	92	8	–	–	0	ACu	3	0
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	0	SE	2	ffb	60	92	3	–	–	0	ACu	1	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.2	+1	S'E	1	fb-	44	97	2	*	–	0	–	0	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.2	0	SW	1	b	49	85	7	2500	St	<1	ACu	1	*
Spurn Head	20	1025.6	0	SSW	2	bc+	55	92	7	4000	CuNb	7	–	7	1026.7	+1	SE'E	2	bc-	56	92	7	4000	CuNb	7	–	7	1
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.6	+1	–	0	ffb	50	85	2	–	–	0	–	0	*
Cranwell	236	1026.1	+1	W'N	1	b-	47	92	6	–	–	0	–	0	1027.3	+2	WNW	1	FFb	42	97	1	–	–	0	–	0	*
Gorleston	14	1026.4	0	N'W	1	b	64	85	7	–	–	0	–	0	1026.9	+2	NW	1	b	48	97	5	–	–	0	–	0	0
Valentia (Cahirciveen) P	30	1022.7	-1	S	3	bc-	58	92	8	*	St	3	–	3	1022.1	0	S'E	3	c	67	85	8	1500	St	6	ASt	9	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.1	-1	SW	3	c	58	92	8	2500	StCu	7	Ci	8	0
Pembroke (St. Ann's H.)	160	1026.1	0	NE	1	b	54	97	8	–	–	0	–	0	1024.9	0	ENE	1	bc	53	97	6	2500	StCu	5	ACu	7	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.6	0	–	0	FFo	46	97	1	<150	St	10	–	10	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.7	+1	ENE	1	b	51	85	6	–	–	0	CiCu	1	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	0	N	1	b	50	92	5	–	–	0	–	0	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	0	–	0	fb-	43	97	2	–	–	0	–	0	*
London (Kew Obsy.)	18	*	*	*	*	*	55	*	*	*	*	*	*	*	1027.2	+1	–	0	FFo	50	97	1	<150	St	10	–	10	*
Croydon	344	1026.1	+1	SE	1	b	50	97	6	–	–	0	–	0	1026.7	+1	–	0	FFo	52	97	1	<150	St	10	–	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	+1	NW	1	bc	60	97	6	4000	StCu	4	–	4	1
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.7	+1	N	3	bc	52	85	7	–	–	0	ACu	4	0
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.0	+2	NNE	2	b	52	85	6	–	–	0	Ci	1	*
Lympne	350	1025.4	+1	NE	3	b	53	97	5	–	–	0	–	0	1025.9	+2	NE'E	2	b	54	97	6	2500	Cu	1	–	1	
Scilly (St. Mary's)	163	1025.7	-1	ENE	1	b	54	97	7	–	–	0	–	0	1024.4	-1	E	2	bc	57	92	7	4000	Cu	5	–	5	0
Falmouth (Pendennis)	200	1025.5	0	ENE	2	bc-	53	97	7	4000	StCu	4	–	4	1024.7	0	NE'N	1	c+	51	97	7	4000	StCu	9	–	9	0
Plymouth (Cattewater)	89	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.3	-1	ENE	1	b	49	97	6	–	–	0	–	0	0
Portland Bill	52	1024.9	0	NNE	3	b	59	85	8	–	–	0	–	0	1024.9	0	NE	2	b	59	85	6	1500	St	1	–	1	0
Southampton (Calshot)	10	1025.7	0	NNE	2	b	56	85	6	–	–	0	–	0	1025.9	0	N'E	2	b	64	92	6	–	–	0	–	0	2
Dungeness	20	1026.0	0	NNE	1	b	51	97	6	–	–	0	–	0	1026.4	+2	NNE	2	bc/m	52	92	6	450	St	4	–	4	
Guernsey (Fort George) P	296														1026.3	0	ESE	3	b	60	85	7	4000	Cu	1	Ci	2	

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h.-10th to 9h. 11th (4) °F.	Temperature Max. 9h.-17h. 11th (5) °F.	Rainfall† Night 17h.-9h. 10th-11th (6) mm.	Rainfall† Day 9h.-17h. 11th (7) mm.	Sunshine Sunrise to 17h. 11th (8) hr.	Sunshine Sunrise to Sunset 10th (9) hr.
Berwick-on-Tweed	bbc	c	46	60	3	–	7.3	8.1
Douglas (I. o. M.)	bcb	bbcc	50	62	1	–	8.4	5.9
Llandudno	bc	c	56	62	1	–	5.6	2.1
Colwyn Bay	bbcb	bcc	55	64	2	–	4.1	3.9
Rhyl	bbc	cbc	55	61	0.4	–	6.9	0.8
Wallasey	cbcc	bcb	56	65	–	–	7.0	3.0
Southport	bcb	bcb	*55	62	3	–	9.0	5.1
Blackpool	cbcc	bcb	55	62	2	–	6.2	6.3
Ilkley	b	bbc	50	65	4	–	6.2	7.8
Cleethorpes	bbc	cbbc	54	64	–	–	6.3	3.4
Skegness	cbcc	cbcc	52	64	–	–	4.2	5.0
Aberystwyth	bcc	bbc	58	64	–	–	6.8	0.4
Bath	cbcb	b	54	69	–	–	7.6	3.1
Cheltenham‡	b	bbc	54	71	–	–	9.5	3.8
Leamington Spa	c	c	51	67	–	–	7.3	0.4
Lowestoft	b	bbcc	54	67	–	–	6.8	8.3
Harwich & Dovercourt	bcm	bc	53	71	–	–	8.9	7.7
Maldon	bbc	c	47	70	–	–	7.4	6.8
Southend	bzbc	bcb	53	75	–	–	10.2	9.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	b	60	64	–	–	9.0	1.3
Bude	cbc	bc	59	65	–	–	7.4	2.7
Penzance	bc	c	52	66	–	–	3.2	1.7
Paignton	bwbbc	bc	53	68	–	–	5.9	2.9
Torquay	wbbc	bc	54	69	–	–	6.5	3.1
Jersey	bc	bc	53	69	–	–	7.7	10.4
Weymouth	bc	cb	53	69	–	–	6.6	4.8
Bournemouth	bbc	bbcb	52	69	–	–	6.0	5.0
Ventnor	cbc	cb	55	66	–	–	5.8	6.9
Portsmouth (S'thsea)	bc	b	54	69	–	–	6.3	7.3
Bognor	cbc	bc	52	69	–	–	6.9	8.5
Littlehampton	cbc	bc	49	68	–	–	6.6	8.0
Worthing	c	cbc	53	68	–	–	6.4	8.3
Brighton	cbc	bc	55	68	–	–	7.0	7.7
Eastbourne‡	bbc	bcb	56	68	–	–	9.2	9.2
Hastings‡	bbcb	bcab	52	70	–	–	9.2	7.8
Folkestone	wbbcc	c	52	73	–	–	8.1	8.9
Dover	bbcc	cbc	55	67	–	–	6.7	9.9
Tunbridge Wells	bbc	bcb	49	70	–	–	8.7	6.8
Ramsgate	bbc	bcb	54	69	–	–	7.9	9.8
Margate	bbc	bcb	52	67	–	–	10.0	9.9
Deal	bbc	cbc	53	70	–	–	5.1	9.2

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24,402 Thursday 13th September, 1928. Page 1.

Observations at 13h. G.M.T. 12h

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	1022.5	-1	S	2	bc	56	85	8	2500	Stcu	4	-	4	*
Stornoway	1019.6	0	SW	5	o/pq	57	85	7	1600	Nb	10	-	10	*
Wick	1022.3	0	S	2	bc	56	97	8	2500	Stcu	5	CiSt	7	*
Tiree	1022.0	+1	SSW	5	c+	57	92	8	1600	Stcu	10	-	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1023.9	-1	SSE	2	b	66	65	6	4000	Cu	1	CiSt	2	1
Malin Head	1023.0	0	SSW	3	c	61	75	8	4000	Cu	3	CiSt	9	*
Renfrew	1024.6	0	SW	3	c	65	75	7	4000	Cu	1	ACu	8	1
Edinburgh (Inchkeith)	1024.3	-2	SW	1	c	59	75	7	1500	Cu	6	ACu	8	*
Leuchars	1024.5	-1	SW	2	c+	64	65	7	5700	Stcu	8	ACu	9	1
Eskdalemuir	1025.2	-1	SW	3	bc	60	75	7	2500	Cu	4	Ci	6	2
Tynemouth	1026.3	0	SE	2	b/f	63	65	7	1600	Cu	2	-	2	*
Blacksod Point	1021.2	+1	S	4	c	61	75	8	*	Stcu	8	-	8	*
Donaghadee	1024.2	-1	SSW	3	bc+	64	75	8	5700	Stcu	3	CiCu	5	*
Birr Castle	1023.5	*	SW	3	c+	64	75	7	1500	Cu	6	CiSt	9	*
Holyhead	1025.3	0	SSW	1	c	63	75	7	-	-	0	ACu	9	0
Liverpool (Bidston)	1025.5	-1	SE'S	1	bc-	65	65	6	4000	Cu	1	ACu	7	*
Chester (Sealand)	1026.4	-1	SE	2	bc+	68	65	6	2500	Cu	2	ACu	6	1
Harrogate	1025.9	-1	SE	2	bc	63	65	7	2500	St	3	ACu	4	*
Spurn Head	1026.7	0	SE	4	bc	62	65	8	4000	Cu	4	Ci	5	*
Birmingham (Edgbaston)	1026.0	-1	SSE	1	bc	65	65	6	2500	Cu	6	-	6	0
Cranwell	1026.5	-2	SE	1	bc+	66	65	6	-	-	0	CiCu	3	0
Gorleston	1027.5	0	E	1	b	64	85	6	5700	Cu	2	-	2	*
Valentia (Cahirciveen)	1022.8	+1	SE	3	c	64	65	8	2500	Stcu	6	ASt	8	0
Roches Point	1024.2	0	SW	2	c	62	92	8	2500	Stcu	9	-	9	*
Pembroke (St. Ann's H.)	1023.9	0	S	2	c+	65	75	8	4000	Cu	3	CiCu	8	*
Ross-on-Wye	1025.0	0	SE	2	bc	70	55	7	4000	Cu	5	CiCu	5	0
Leafield	1025.8	0	E	1	bc	65	65	8	2500	Cu	3	CiSt	3	0
Winchester (Worthy Dn)	1025.5	-1	NE	2	bc	68	55	7	4000	Cu	4	-	4	0
S. Farnborough	1026.9	-1	E	1	b	69	55	6	5700	Cu	2	-	2	0
London (Kew Obsy.)	1026.3	-2	NE	1	bc/f	65	55	6	5700	Cu	4	-	4	5
Croydon	1026.1	-1	ENE	2	bc+	67	65	7	4000	Cu	6	-	6	0
Shoeburyness	1027.2	0	E	3	b	65	75	8	4000	Cu	2	-	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1027.2	0	ENE	3	b	65	55	9	2500	Cu	2	-	2	0
Lympne	1026.1	0	ESE	3	bc	63	55	8	2500	Cu	6	-	6	0
Scilly (St. Mary's)	1024.9	+1	SE'E	3	c+	63	75	7	4000	Stcu	5	CiSt	9	*
Falmouth (Pendennis)	1024.3	-1	SSE	2	bc	63	85	8	4000	Cu	3	CiSt	6	*
Plymouth (Cattewater)	1024.9	-1	S	3	bc	63	75	7	4000	CuNb	1	Ci	4	0
Portland Bill	1025.1	0	E	4	bc+	65	85	6	1500	St	3	-	3	*
Southampton (Calshot)	1025.7	-1	ESE	4	bc+	66	75	7	4000	Cu	2	ACu	3	0
Dungeness	1026.0	0	E	3	bc	66	65	8	2500	Cu	4	-	4	*
Guernsey (Fort George)	1025.0	0	E	3	b	64	75	8	4000	Cu	2	-	2	*

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

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	1022.4	-1	S	2	c	54	92	8	2500	Stcu	7	ACu	9	*
Stornoway	1020.3	+2	SW	5	o/pq	57	97	6	1500	Nb	10	-	10	4
Wick	1022.0	0	WSW	2	c	58	92	8	2500	Stcu	6	ASt	10	0
Tiree	1022.2	0	SSW	4	c	59	92	7	1500	Stcu	10	-	10	4
Nairn	1022.5	*	-	0	c+	59	85	8	2500	CuNb	8	-	8	*
Aberdeen	1024.1	+1	SSW	2	bc	60	75	6	4000	Stcu	2	Ci	4	0
Malin Head	1022.8	0	S	2	c	62	75	8	5700	Stcu	3	ACu	8	0
Renfrew	1024.7	0	SW	2	c	59	85	7	5700	Cu	1	Ci	10	*
Edinburgh (Inchkeith)	1024.6	0	W	1	c	61	75	7	1500	St	4	ACu	8	0
Leuchars	1024.8	+1	SW	2	c	58	85	7	4000	CuNb	6	ACu	9	*
Eskdalemuir	1025.3	0	-	0	c	57	85	7	4000	Cu	3	CiSt	8	*
Tynemouth	1025.8	0	SSE	2	bc	57	75	7	1500	St	2	ACu	4	1
Blacksod Point	1021.1	+1	S	4	bc	61	75	8	*	Stcu	7	-	7	4
Donaghadee	1024.1	0	S	3	bc-	57	97	7	4000	Stcu	6	-	6	2
Birr Castle	1023.2	*	S	2	c	61	85	7	1500	Cu	4	ACu	9	*
Holyhead	1025.1	0	-	0	c	60	85	6	-	-	0	ACu	9	0
Liverpool (Bidston)	1025.6	0	-	0	bc-	61	85	6	1500	St	3	ACu	7	*
Chester (Sealand)	1025.0	0	SE	1	c	63	85	7	-	-	0	ACu	8	*
Harrogate	1026.4	0	-	0	bc	58	75	5	2500	St	5	ACu	6	*
Spurn Head	1026.6	0	SE'E	4	bc+	58	75	7	4000	Cu	7	-	7	2
Birmingham (Edgbaston)	1026.2	0	ENE	2	bc	63	55	6	2500	Stcu	7	-	7	*
Cranwell	1026.5	0	ESE	1	bc+	63	75	6	2500	Stcu	3	ACu	5	*
Gorleston	1027.1	0	ENE	2	b-	60	65	7	-	-	0	ACu	1	0
Valentia (Cahirciveen)	1023.1	+1	SE	2	bc	62	75	8	2500	Stcu	4	ACu	6	0
Roches Point	1024.4	0	SW	2	bc	62	92	8	2500	Stcu	3	-	3	0
Pembroke (St. Ann's H.)	1024.6	-1	-	0	c	61	85	8	2500	Stcu	5	ASt	8	0
Ross-on-Wye	1025.0	0	SE	1	c	64	75	7	4000	Stcu	9	-	9	*
Leafield	1025.6	0	-	0	b	61	75	8	-	-	0	ACu	1	*
Winchester (Worthy Dn)	1025.5	+1	ENE	1	bc	63	75	7	4000	Stcu	5	ASt	7	*
S. Farnborough	1025.5	0	-	0	bc	64	65	5	5700	St	6	-	6	*
London (Kew Obsy.)	1026.3	0	E	2	b-	62	65	6	4000	Cu	2	-	2	*
Croydon	1026.0	0	E	2	b-	61	75	7	-	-	0	Ci	1	*
Shoeburyness	1026.9	0	E	1	b	56	92	8	-	-	0	-	0	*
Clacton-on-Sea	1026.9	0	E	3	bc	61	65	7	-	-	0	ACu	3	1
Felixstowe	1027.3	+1	NE	2	b	60	65	9	-	-	0	Ci	1	1
Lympne	1026.3	+1	E'N	3	b-	56	65	8	-	-	0	Ci	1	*
Scilly (St. Mary's)	1023.8	-1	ESE	3	c	60	85	7	-	-	0	ACu	8	1
Falmouth (Pendennis)	1024.2	0	-	0	c-	61	85	7	4000	Stcu	6	Ci	8	0
Plymouth (Cattewater)	1024.3	0	ESE	2	c+	62	75	7	-	-	0	CiSt	9	0
Portland Bill	1025.0	0	ESE	1	c	62	85	6	1500	St	2	Ci	8	1
Southampton (Calshot)	1025.5	+1	E'S	3	b+	63	75	7	-	-	0	ACu	2	0
Dungeness	1026.2	0	ENE	3	bc-	61	65	8	2500	Cu	2	CiSt	5	3
Guernsey (Fort George)	1024.5	-1	ENE	4	bc+	61	85	8	4000	Stcu	3	Ci	7	3

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

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °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
Kew	18	OFw	bcbz	bmw	68	46	37	-	-	3.9	*	*	4
Croydon	244	ofefzb	bcyb	bozw	68	45	39	-	-	7.6	*	*	5
Greenwich (Royal Obsy.)	149	bmizz	bcbzy	bfwizme	70	44	30	-	-	8.7	55	75	5
City (Bunhill Row)	56	*	*	*	*	*	*	*	*	6.8	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	68	50	43	-	-	5.2	53	68	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	5.4	*	*	*
Camden Square	110	bc	cbc	*	70	49	*	-	-	*	*	80	*
Kensington Palace	80	c	c	*	69	48	39	-	-	*	(At 18h) 66	71	*
Hampstead Observatory	450	*	*	*	69	48	35	-	Tr	9.1	*	71	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.3	10h 12m	<0.3	21h 12m

Kew Observatory Max.	Time.	Min.	Time.
0.4	10h 12m	0.1	17h 12m

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 19 h. 15 m. to 13th 4 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9.15	9.15	100
δ Ursae Minoris	9.15	9.15	100

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

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

13th-14th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.25 5.26	11.49 11.49	18.12 18.10
Greenwich	5.33 5.34	11.56 11.56	18.18 18.16
Wick	5.38 5.41	12.8 12.8	18.37 18.34
Valentia	6.13 6.15	12.37 12.37	19.0 18.57

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" ps "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.

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

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

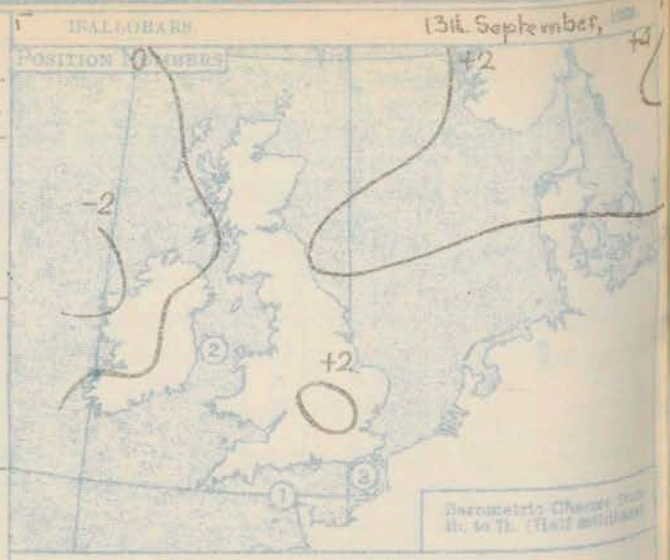
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

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

Summaries for the Past 24 Hours

Stations.	Weather. 7h.-18h. 12h.	Weather. 18h.-18h. 12h.	Weather. 18h. 12h. to 1h. 13h.	Weather. 1h.-7h. 13h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 12h. Hours.
Lerwick	bbc	bcc	cod.d.	od.d.	57	53	.	–	–	1	22·00	6·1
Stornoway	o	r	c	b	59	54	.	2	12·30	0·4	21·00	0·1
Wick	b.bc	c	cb.bc	cbr.c	58	53	.	–	–	0·5	21·00	.
Tiree	bcc	co	cbc	bem.	60	54	50	–	–	–	–	1·2
Nairn	bc	bccp	cPR	bc	65	50	.	0·1	15·30	1	21·00	3·5
Aberdeen	bm.bcz.	bcz.	bczcm	cbwm	67	45	38	–	–	–	–	6·9
Malin Head	c	⊕cbcc	cb.bc	bc	64	51	.	–	–	Tr.	21·00	3·0
Renfrew	bbc§§c	c	b§bm.	bc§f	66	46	42	–	–	–	–	4·0
Edinburgh (Inchkeith)	b-bc	c	cbcb	bbcwm	65	51	47	–	–	Tr.	–	5·9
Leuchars	bm.bcc	c	cbc	bcwm.	66	46	40	–	–	–	–	6·9
Eskdalemuir	cwbbc	bc c	cbmw	bmwbfe	63	39	36	–	–	–	–	7·5
Tynemouth	bif	bbc	b	bc§f	66	48	41	–	–	–	–	.
Blacksod Point ...	c	c	cb	bcbc	62	54	.	Tr.	.	–	.	.
Donaghadee	cbc	bc	bc	bcwz.	64	50	.	–	–	–	–	.
Birr Castle	bcc	c	cm.	cm.	67	50	38	–	–	–	–	3·7
Holyhead	bcc	c	bccwm.	bcbm.w	66	52	46	–	–	0·1	–	4·1
Liverpool (Bidston) ...	bfcz.	czc	cm.w	cbcmw	66	53	49	–	–	–	–	6·6
Chester (Sealand) ...	fbcm.	c	bcbm	bfFF	68	45	42	–	–	–	–	5·4
Harrogate	bbc	bc	bcb	bw	64	44	39	–	–	–	–	9·6
Spurn Head	bc	bc	bc	bc	62	53	.	–	–	–	–	9·4
Birmingham (Edgbaston)	bc	bc	bcbm	bf	69	50	38	–	–	–	–	5·8
Cranwell	bfbmb	b-bc	bcb	bcm	68	42	37	–	–	–	–	9·0
Gorleston	b	b	b	bbc	64	48	44	–	–	–	–	10·7
Valentia (Cahirciveen)	c	cbc	b	bwbc	65	56	49	–	–	–	–	3·4
Roches Point	c	cbc	bcbw	bbcqw	66	54	.	–	–	Tr.	–	.
Pembroke (St. Ann's H.)	bcc	c	cbcb	bdbFF	65	55	.	–	–	–	–	5·9
Ross-on-Wye	Fczbbc	bcyc	cbcwm	bff	70	45	40	–	–	–	–	5·4
Leafield	b	bcb	b	bw	67	48	35	Tr.	–	Tr.	–	9·5
Winchester (Worthy Dn.)	bm.bcy	bcybc	bcw	bcw	69	44	36	–	–	Tr.	–	10·0
S. Farnborough ...	bfoFb	bybcz.	bcz.bm	bmcfbm	69	40	32	–	–	–	–	6·9
London (Kew Obsy.) ...	oFw	bcbz.	bm.w	bcfcmw	68	46	37	–	–	–	–	3·9
Croydon	oFefebc	bcyb	b	bm.mw	68	45	39	–	–	–	–	7·6
Shoeburyness	bcb	b	b	bc	67	46	37	–	–	–	–	10·7
Clacton-on-Sea ...	bcy	bcy	bcb	bbc	65	50	46	–	–	–	–	10·7
Felixstowe	bm.byw	bwy	b	bbcw	65	46	37	–	–	–	–	10·7
Lympne	bm.bcy	bcyb	bc	bbcm.	66	47	36	–	–	–	–	11·3
Scilly (St. Mary's) ...	bc	c	cbcb	b	66	56	.	–	–	–	–	6·2
Falmouth (Pendennis)	cbc	bcc	cbc	bc	66	59	.	–	–	–	–	7·1
Plymouth (Cattewater)	bm.bc	bcc	cb	bwm.	67	54	50	–	–	0·1	–	8·0
Portland Bill	bbcz.	bccz.	cbc.b	bbcbz.	66	57	.	–	–	–	–	.
Southampton (Calshot)	bm.bc	bcb	b-bc	b.cbcw	67	52	45	–	–	Tr.	–	10·7
Dungeness	bcbc	bcbc	bcb	bbcc	67	52	.	–	–	–	–	.
Guernsey	b	bbc	bccbb	bbc	65	59	.	–	–	–	–	



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	
2	12th 10h	Hibernia	SSW	2	c	58	56	7
1	" 12h	St. Julien	E	1	bc-	65	63	7
3	13th 1h	Brighton	NE	3	bc	64	63	8

General Inference.

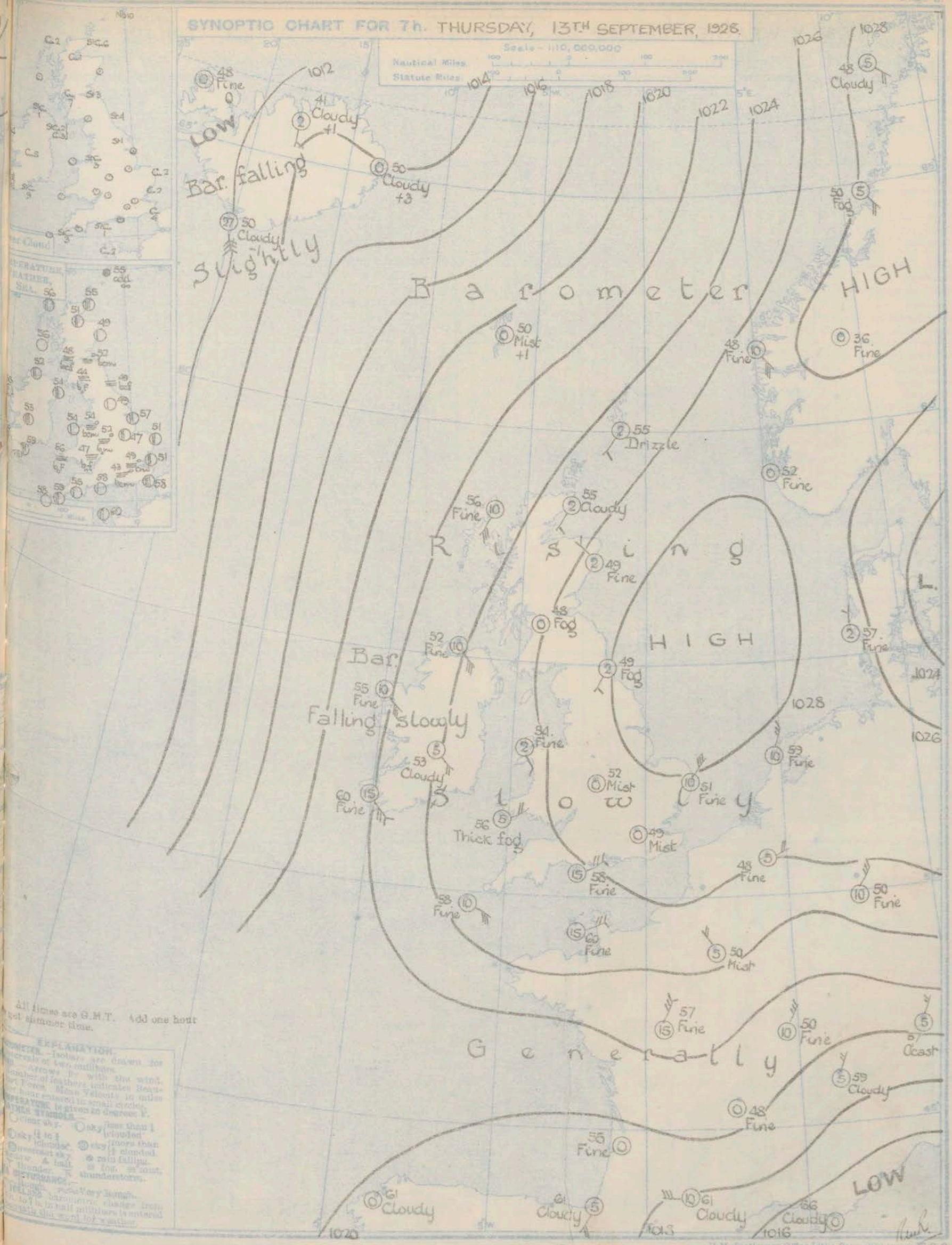
A large anticyclone has centres over the North Sea and Northern Scandinavia, and covers the British Isles. Settled fine weather will continue.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 13th September, 1928.	Further Outlook.
1. S.E. England 2. E. England	Wind E., light or moderate; bright; local morning mist; rather warm during day.	No indications of any change.
3. E. Midlands 4. W. Midlands	Wind mainly S.E., light; bright; local morning fog; rather warm during day.	
5. S.W. England	As 1 - 2.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 3 - 4.	
13. A. W. Scotland B. N.W. Scotland	Wind S., moderate; fresh locally; mainly fair; rather warm.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind S., light or moderate; mainly bright; local morning fog; rather warm during day.	
17. N.W. Ireland	As 13.	
18. N.E. Ireland 19. S.E. Ireland	As 3 - 4.	
20. S.W. Ireland	As 13.	

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

§ For code see page 1

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



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

EXPLANATION.

BAROMETER.—Isobars are drawn for an increase of two millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—

Clear sky. Sky less than ½ clouded. Sky ½ to ¾ clouded. Sky more than ¾ clouded. Overcast sky. Rain falling. Snow. Hail. Fog. Mist. Thunder. Thunderstorm.

DISTURBANCE.—Slight. Moderate. Very heavy.

TENDENCY.—Barometric change from ½ to ¾ in half millibars is entered. Barometric tendency for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday, 13th September, 1928. No. 257.

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 13th: 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	Obs. at 7h. G.M.T. 13th: 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	Rain 0-1
Lerwick	54	1022.5	0	S	1	Cdod.	53	97	7	1500	Nb	5	Ast	10	1024.1	+1	SW	1	Odod.	56	92	7	1500	Nb	10	-	10	.
Stornoway	30	1022.6	+1	SW	2	C	.	.	6	.	.	.	.	10	1022.8	0	SW	3	bc	56	97	7	4000	Cu	2	Acu	5	2
Wick	81	1024.0	+1	SW	2	bc	55	92	8	2600	Stu	7	-	7	1024.6	+1	SW	1	C	55	97	8	2500	Stu	6	CiSt	8	0
Tiree	35	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.7	0	SSE	4	b-	56	97	6	-	-	0	-	0	1
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1025.2	.	-	0	bc-	51	92	8	2600	Cu	1	CiCu	4	.
Aberdeen	37	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.2	+1	NW	1	b	49	97	5	-	-	0	Acu	1	0
Malin Head	81	1023.8	0	S	1	bc	56	85	8	5700	Stu	3	-	3	1023.6	0	SSE	3	bc	52	92	7	5700	Stu	1	Ci	4	0
Renfrew	59	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.4	+1	-	0	SStc	48	97	3	5700	Cu	7	-	7	.
Edinburgh (Inchkeith)	190	1024.0	0	W	1	b-	54	85	7	-	-	0	Acu	2	1026.2	+1	SW	1	bc	52	92	5	450	St	3	Acu	5	0
Leuchars	30	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.4	+1	W	1	bc+	50	92	5	-	-	0	Acu	4	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.5	+1	-	0	FFb	44	97	1	-	-	0	-	0	.
Tynemouth	67	1026.5	+1	WSW	1	b	51	92	6	1500	St	2	-	2	1028.4	+2	SW	1	Sbo	49	92	3	800	St	4	-	4	0
Blacksod Point ...	18	1022.2	+1	-	0	bc	53	85	7	.	Cu	4	-	4	1021.1	-2	SE	3	bc	55	85	7	.	Cu	4	-	4	2
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1025.1	0	SSW	1	bc-	54	97	6	4000	Cu	5	-	5	1
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.5	.	SE	2	C	53	97	6	1500	Cu	8	-	8	.
Holyhead	26	1025.3	0	-	0	bc-	56	97	6	1500	St	4	-	4	1025.7	+1	SSE	1	b	54	92	6	-	-	0	Ci	1	0
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.9	+1	SSE	2	mmbc	54	92	4	7200	Stu	3	-	3	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.4	+1	SE	1	FFb	46	97	1	-	-	0	Acu	1	.
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	1028.2	+1	-	0	b	49	92	5	2500	St	1	-	1	.
Spurn Head	29	1027.6	+1	SSE	3	bc	56	85	7	4000	CuNb	4	-	4	1027.8	0	SE	2	bc	57	73	7	-	-	0	CiCu	3	1
Birmingham (Edgbaston)	565	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.9	+1	-	0	Sb-	52	85	4	-	-	0	-	0	.
Cranwell	236	1027.8	+1	SSE	1	b	48	97	6	-	-	0	-	0	1028.3	+1	SW	1	bc+	48	97	6	-	-	0	Ci	4	.
Gorleston	14	1027.5	0	-	0	b	53	92	7	-	-	0	Ast	2	1027.8	0	NE	3	bc+	51	85	7	4000	Cu	2	Ci	4	0
Valentia (Cahirciveen) ‡	30	1023.0	-2	S	3	bc	57	85	9	-	St	3	-	3	1021.1	+1	SE'S	4	bc	60	85	8	1600	Stu	4	-	4	0
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1024.0	0	SE	3	C	59	92	8	2500	Stu	9	-	9	0
Pembroke (St. Ann's H.)	160	1024.8	0	NE	2	bc+	56	92	7	2500	Cu	3	-	3	1025.4	+1	ENE	2	FFb	56	97	1	-	-	0	-	0	.
Ross-on-Wye	229	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.1	0	-	0	Sb-	47	97	2	-	-	0	-	0	.
Leafield	812	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.6	+2	ESE	1	b	49	85	8	-	-	0	-	0	.
Winchester (Worthy Dn.)	273	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.2	+1	N	1	bc	46	97	7	-	-	0	CiSt	5	.
S. Farnborough ...	237	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.5	+1	-	0	mmbc	43	97	4	-	-	0	Ci	4	.
London (Kew Obsy.) ...	18	.	.	.	.	.	50	.	.	.	.	.	.	.	1027.9	+2	-	0	fc-	49	97	4	-	-	0	CiSt	8	.
Croydon	244	1027.5	+1	-	0	b	48	92	6	-	-	0	-	0	1027.9	+1	-	0	mmc	49	97	4	-	-	0	Ci	9	.
Shoeburyness	21	.	.	.	.	.	.	.	.	.	.	.	.	.	1026.8	0	WNW	1	bc	53	97	7	-	-	0	Ci	4	1
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.4	0	NNE	3	bc	51	85	7	2500	Cu	2	Ci	5	1
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1027.7	+1	NNE	3	bc	53	85	7	2500	Cu	1	Ci	5	.
Lympne	350	1026.8	0	NE	3	b	49	85	7	-	-	0	-	0	1026.7	0	NEN	3	bc+	63	85	6	2500	Stu	2	Ci	6	1
Scilly (St. Mary's) ...	163	1024.6	0	ES	4	b	58	97	7	-	-	0	-	0	1024.5	0	ESE	3	b	58	97	7	-	-	0	-	0	1
Falmouth (Pendennis)	200	1024.6	0	ESE	2	bc	59	97	8	4000	Stu	3	-	3	1024.7	+1	ESE	3	bc	59	97	8	4000	Stu	3	-	3	1
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1025.5	0	ENE	2	b	55	97	6	-	-	0	Ci	1	0
Portland Bill	52	1025.3	0	NE	3	b	62	85	8	4000	Stu	2	-	2	1025.3	0	ENE	4	b-	58	85	6	2500	Stu	1	-	1	1
Southampton (Calshot)	10	1026.4	0	NE	3	b	55	92	8	-	-	0	-	0	1026.6	+1	NNE	3	bc-	53	85	7	-	-	0	CiSt	3	0
Dungeness	20	1026.2	-1	ESE	2	b-	~~60~~ 59	75	8	-	-	0	-	0	1026.9	+1	NNE	2	C+	58	85	8	2500	Cu	4	CiSt	8	1
Guernsey (Fort George) ‡	206														1026.2	+1	EN	4	bc+	60	85	7	2500	Cu	2	Acu	4	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min 9h.-14h. to 9h.-17h.	Temperature. Max. 9h.-17h. 12th.	Rainfall† Night 17h.-9h. 11th.-12th.	Rainfall† Day 9h.-17h. 12th.	Sunshine. Sunrise to 17h. 12th.	Sunshine. Sunrise to Sunset. 11th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bc	bcc	49	65	-	-	2.9	7.3
Douglas (I. o. M.) ...	bbcc	cbc	52	64	-	-	6.0	8.4
Llandudno ...	c	c	49	64	-	-	3.2	5.6
Colwyn Bay ...	bbc	cbcc	49	65	-	-	4.9	4.1
Rhyl	bc	bc	49	68	-	-	5.1	6.9
Wallasey	bc	bcc	51	69	-	-	6.0	7.3
Southport	bbc	bbc	44	67	-	-	8.0	9.7
Blackpool	bcb	bbcc	44	68	-	-	9.5	7.9
Ilkley	b	b	37	64	-	-	2.2	6.8
Cleethorpes	wxb	bcb	47	66	-	-	9.0	6.7
Skegness	bcb	b	51	61	-	-	8.1	4.0
Aberystwyth ...	wxbc	bcc	49	66	-	-	3.4	7.7
Bath	b	bbc	45	70	-	-	9.1	8.5
Cheltenham ‡ ...	wbm	bcc	47	68	-	-	2.2	10.5
Leamington Spa ...	c	c	42	68	-	-	9.0	7.3
Lowestoft	b	b	47	62	-	-	10.9	6.8
Harwich & Dovercourt	b	bc	50	65	-	-	10.5	8.9
Maldon	fb	b	45	66	-	-	9.7	7.4
Southend	b	b	51	70	-	-	10.7	10.7
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bbc	bcc	53	69	-	-	7.9	9.5
Bude	wbbc	bc	45	69	-	-	9.2	8.6
Penzance	b	bc	50	67	-	-	5.6	3.2
Paignton	bmb	bmb	47	66	-	-	7.9	5.8
Torquay	wbcm	bbcz	51	67	-	-	8.2	6.9
Jersey	bc	b	50	70	-	-	10.7	8.5
Weymouth	b	b	54	68	-	-	10.2	7.4
Bournemouth ...	b	b	47	69	-	-	10.5	5.5
Ventnor ...	bz	bz	57	68	-	-	10.2	6.8
Portsmouth (S'thsea)	b	b	54	69	-	-	10.5	6.9
Bognor	b	b	53	69	-	-	10.8	6.9
Littlehampton ...	b	bbcb	51	67	-	-	9.8	6.9
Worthing	b	b	52	70	-	-	10.5	6.9
Brighton	b	bbc	53	69	-	-	9.7	7.4
Eastbourne ‡ ...	b	b	53	68	-	-	10.9	9.2
Hastings ‡	bbcb	b	53	67	-	-	10.5	9.3
Folkestone	wbbcb	bv	56	69	-	-	10.2	8.1
Dover	ybcb	by	53	69	-	-	9.8	6.7
Tunbridge Wells ...	b	b	47	71	-	-	9.7	9.1
Ramsgate	b	b	58	65	-	-	10.6	7.9
Margate	bcb	bv	55	64	-	-	10.5	10.5
Deal	b	b	49	68	-	-	8.9	5.1

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24403 Friday 14th September 1928. Page 1.

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

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1025·0	+1	S	1	c	57	85	7	1500	Cu	8	-	9	*
Stornoway	1021·6	-1	S	2	bc-	60	85	7	4000	Cu Nb	4	-	4	*
Wick	1024·9	0	SSW	1	bc	58	92	8	2500	St Cu	2	Ci	5	*
Tiree	1021·9	-1	S	5	b-	61	85	6	-	-	0	-	0	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1026·2	-1	S'E	4	b	66	65	7	4000	Cu	1	Ci	1	0
Malin Head	1021·9	-2	S'E	5	bc	66	45	7	5700	St Cu	2	A Cu	4	*
Renfrew	1025·7	-1	S	2	bc	67	65	6	4000	Cu	7	-	7	1
Edinburgh (Inchkeith)	1026·1	-1	ENE	2	bc	60	85	7	1500	St	4	-	4	*
Leuchars	1026·2	-1	SE	1	b	69	65	7	5700	Cu	1	Ci	2	1
Eskdalemuir	1026·0	-1	S'W	4	bc	66	65	7	4000	Cu	5	-	5	2
Tynemouth	1027·2	0	SE	3	bc/f	61	75	6	800	St	4	-	4	*
Blacksod Point	1018·8	-2	SSE	3	c	63	75	8	*	Cu	8	-	8	*
Donaghadee	1024·6	-1	S	3	bc	63	85	6	4000	Cu	3	Ci Cu	5	*
Birr Castle	1022·9	*	SSE	3	c	67	75	7	1500	Cu	8	-	8	*
Holyhead	1025·9	-1	SSW	3	b	67	65	6	2500	Cu	1	Ci	1	0
Liverpool (Bidston)	1026·5	-1	ESE	2	b	67	55	6	4000	Cu	1	-	1	*
Chester (Sealand)	1026·1	-1	SSE	2	b	70	55	6	4000	Cu	1	-	1	0
Harrogate	1027·5	0	SE'E	3	b	66	65	7	2500	St	1	-	1	*
Spurn Head	1028·4	0	ESE	3	b	62	65	8	4000	Cu	2	-	2	*
Birmingham (Edgbaston)	1027·2	-1	ESE	2	b	66	55	8	-	-	0	-	0	0
Cranwell	1027·9	-1	SE'E	2	bc+	69	65	8	4000	Cu	2	A Cu	3	0
Gorleston	1029·3	0	ENE	2	bc	63	65	7	4000	Cu	4	-	4	*
Valentia (Cahirciveen)	1021·2	-1	S'E	4	c	64	85	8	1500	St	9	-	9	0
Roches Point	1024·1	0	SE	3	bc	63	92	8	2500	St Cu	7	-	7	*
Pembroke (St. Ann's H.)	1025·5	0	SE	2	b	65	85	7	-	-	0	-	0	*
Ross-on-Wye	1025·9	0	ESE	2	b	68	55	6	-	-	0	-	0	0
Leafield	1027·7	0	E'S	3	b	63	65	8	4000	Cu	1	-	1	0
Winchester (Worthy Dn.)	1026·5	-2	NE'N	2	b	65	55	6	4000	Cu	1	-	1	0
S. Farnborough	1026·3	-1	NE	3	b	66	45	7	5700	Cu	1	-	1	0
London (Kew Obsy.)	1027·0	-2	ENE	3	bc	64	45	8	4000	Cu	3	-	3	0
Croydon	1026·6	-2	E'N	3	bc	66	55	8	4000	Cu	4	-	4	0
Shoeburyness	1027·7	0	E'S	3	bc	65	75	8	4000	Cu	3	A Cu	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1028·1	0	NE'E	1	c/pc	60	75	8	1500	Nb	9	-	9	0
Lympne	1026·7	0	ENE	4	c	62	65	8	4000	Cu	8	-	8	0
Scilly (St. Mary's)	1024·2	0	ESE	4	b	66	85	6	-	-	0	-	0	*
Falmouth (Pendennis)	1025·1	0	SE'E	4	bc	62	97	8	4000	Cu	3	-	3	*
Plymouth (Cattewater)	1025·6	-1	SE	3	b	66	65	7	2500	Cu	1	-	1	0
Portland Bill	1025·9	0	ENE	4	b	63	65	8	2500	Cu	1	-	1	*
Southampton (Calshot)	1026·4	-2	NE'N	3	b	66	55	7	4000	Cu	1	-	1	0
Dungeness	1026·4	-2	ENE	3	bc+	66	65	8	2500	Cu	5	Ci St	6	*
Guernsey (Fort George)	1025·3	0	ENE	5	b	63	65	8	2500	Cu	1	-	1	*

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1023·6	-1	S	1	bcv	56	85	8	-	-	0	Ci	4	*
Stornoway	1020·9	-2	S	3	bc+	60	75	8	-	-	0	A Cu	5	2
Wick	1023·2	-3	SSE	2	bc	56	92	8	1500	St	4	Ci St	6	0
Tiree	1021·4	-2	S'E	3	c	59	92	6	800	St Cu	8	-	8	4
Nairn	1022·5	*	-	0	bc	60	75	7	1500	St	2	A St	5	*
Aberdeen	1026·0	0	S'W	2	b	59	75	7	-	-	0	Ci	1	0
Malin Head	1020·9	-1	S	5	bc+	65	45	7	5700	St Cu	4	A Cu	7	2
Renfrew	1025·0	0	S	1	c+	62	75	7	-	-	0	Ci	8	*
Edinburgh (Inchkeith)	1025·4	-1	E	1	bc	59	85	7	1500	St	2	Ci	3	0
Leuchars	1025·3	-1	-	0	b	62	85	6	-	-	0	Ci	2	*
Eskdalemuir	1025·6	-1	-	0	b	59	85	6	-	-	0	Ci St	1	*
Tynemouth	1026·1	-1	SSE	2	bc	56	85	7	800	St	4	-	4	1
Blacksod Point	1017·8	-1	SSE	4	c	64	75	8	*	Cu Nb	8	-	8	4
Donaghadee	1023·3	-1	SSE	3	b-	60	85	6	-	-	0	Ci	2	2
Birr Castle	1021·6	*	SE	2	bc-	63	85	7	2500	Cu	3	-	3	*
Holyhead	1025·0	-1	-	0	bc+	62	85	6	-	-	0	Ci St	7	0
Liverpool (Bidston)	1025·5	-1	ESE	2	b+	65	65	6	-	-	0	Ci	1	*
Chester (Sealand)	1025·4	+1	SE	3	b	62	75	6	4000	Cu	1	-	1	*
Harrogate	1027·5	0	SSE	3	b	61	65	7	2500	St	1	-	1	*
Spurn Head	1027·8	0	E'S	3	b	58	75	7	-	-	0	A St	2	1
Birmingham (Edgbaston)	1026·9	0	E	2	b	62	55	7	-	-	0	-	0	*
Cranwell	1027·8	0	E'S	2	b	58	75	8	-	-	0	-	0	*
Gorleston	1027·8	-1	NE'E	4	bc+	61	85	7	4000	Cu	5	-	5	0
Valentia (Cahirciveen)	1020·9	0	SSE	4	c	62	85	8	1500	St Cu	10	-	10	3
Roches Point	1023·5	-1	SW	3	c	61	92	7	1500	St Cu	10	-	10	4
Pembroke (St. Ann's H.)	1024·3	-1	SE	2	b+	62	85	7	-	-	0	Ci St	2	1
Ross-on-Wye	1025·6	0	ESE	2	bc-	62	75	7	2500	St Cu	3	-	3	*
Leafield	1026·4	-1	E'N	2	b	58	65	8	-	-	0	-	0	*
Winchester (Worthy Dn.)	1025·9	0	NNE	1	b+	60	65	7	5700	St Cu	2	-	2	*
S. Farnborough	1025·3	+1	E'N	2	b	61	65	7	4000	Cu	2	-	2	*
London (Kew Obsy.)	1026·5	0	ESE	3	bc-	60	65	8	4000	Cu	3	-	3	*
Croydon	1026·5	+1	E	2	b-	59	75	7	4000	St Cu	1	-	1	*
Shoeburyness	1026·9	0	ENE	2	b-	56	92	8	4000	Cu	2	-	2	*
Clacton-on-Sea	1027·2	0	ENE	3	bc	60	65	7	2500	Cu	5	-	5	2
Felixstowe	1027·1	-1	NE'N	3	bc	60	65	8	2500	Cu	7	-	7	1
Lympne	1026·4	-1	ENE	4	bc	56	65	8	4000	Cu	2	Ci	4	*
Scilly (St. Mary's)	1024·1	0	ESE	4	b	61	85	7	-	-	0	-	0	4
Falmouth (Pendennis)	1024·7	-1	ESE	4	bc	60	97	7	4000	Cu	4	-	4	1
Plymouth (Cattewater)	1025·3	+1	ESE	2	b	61	65	7	-	-	0	Ci	1	0
Portland Bill	1024·3	0	NE	1	b	63	65	8	1500	St Cu	2	-	2	1
Southampton (Calshot)	1025·4	-1	ESE	4	b	62	65	7	4000	St Cu	1	St	1	0
Dungeness	1025·6	-1	NE	4	bc	60	85	8	2500	Cu	3	Ci St	6	2
Guernsey (Fort George)	1024·6	-2	ENE	5	b	60	65	8	-	-	0	-	0	5

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

Station	Height above M.S.L. in feet	Weather Morning (24 hours ended 7h)	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs.	Humidity 13h. G.M.T. % Yesterday	8h. G.M.T. % To-day	Visibility 8h.
Kew	18	bmwbb	bcb	bm₀w	66	49	37	-	-	7·5	*	*	5
Croydon	244	bcmy	bcby	bcmwpq	66	46	38	-	Tr.	7·4	*	*	6
Greenwich (Royal Obsy.)	149	bcy	bcby/bc	bcm₀w	68	47	32	-	-	7·8	60	74	6
City (Bunhill Row)	60	*	*	*	*	*	*	*	*	7·1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	67	52	44	-	-	7·1	62	67	*
Regent's Pk. (Botanic Gdns.)	163	*	*	*	*	*	*	*	*	6·2	*	*	*
Camden Square	110	bbc	bcc	*	70	50	-	-	-	*	*	75	*
Kensington Palace	80	bbc	bc	*	69	50	39	-	-	*	(At 18h) 71	72	*
Hampstead Observatory	450	*	*	*	65	47	40	-	Tr.	8·9	*	79	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·8	8h 13th	<0·3	15h 13th

Kew Observatory Max.	Time.	Min.	Time.
0·3	8h 13th	<0·1	13h 13th

Pole Star Record at Greenwich Obsy.

Exposure from 13th 12h.15m. to 14th 4h.30m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9.15	7.56	86
δ Ursae Minoris	9.15	7.33	82

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 14th & 15th September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·26 5·28	11·49 11·48	18·10 18·8
Greenwich	5·34 5·36	11·56 11·55	18·16 18·14
Wick	5·41 5·43	12·8 12·8	18·34 18·31
Valentia	6·15 6·16	12·37 12·36	18·57 18·55

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)=" hail " or " rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♅ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—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.

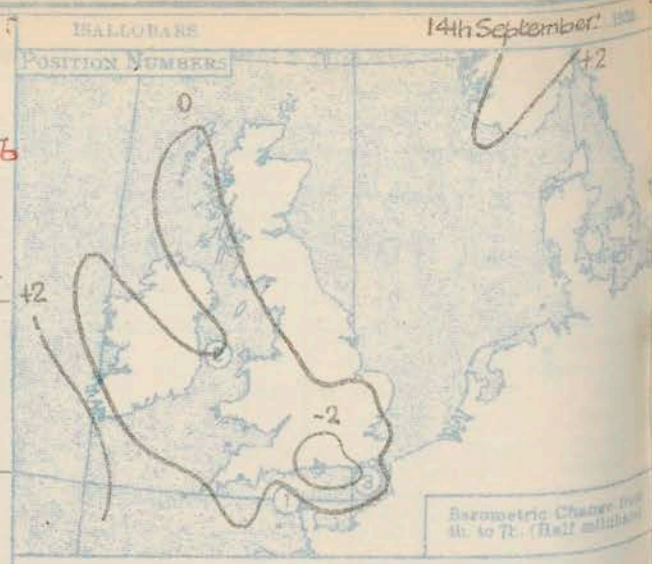
§ Telegraphic Code for Surface Visibility.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	13h.-18h. 13th	18h. 13th to 1h. 14th	1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN on Grass	RAINFALL.† Day, 7h.-18h. mm	began.	Night, 18h.-7h. mm	began.	SUN 13th Hours.
Lerwick	c	cbc	cbc	bw	61	52	•	–	–	–	–	~~47~~ 26
Stornoway	c	bbc	c	c	64	55	•	–	–	–	–	2.1
Wick	bbc	bbc	b-bc	bbc	59	54	•	–	–	–	–	•
Tiree	bcobc	bcm,c	cbc	cbc	62	55	52	–	–	–	–	8.9
Nairn	bc	bc	bcw	bcm	63	52	•	–	–	–	–	10.7
Aberdeen	b3,b	b	bz,mw	bm,wz	67	53	45	–	–	–	–	10.7
Malin Head	bcy	bcy	cbcb	bbcc	66	55	•	–	–	–	–	9.3
Renfrew	bcffm	bcb3,c	cbm,	bff	69	48	41	–	–	–	–	7.1
Edinburgh (Inchkeith)	m,bc	bbc	bcbm,	bcc	64	53	48	–	–	–	–	10.0
Leuchars	bcm,bm,	b,bm,	bbcwm,	bcwm,	69	46	40	–	–	–	–	2.1
Eskdalemuir	bFebbc	bc3p,b3,	bzbzw	bm,w	67	41	38	–	–	–	–	8.4
Tynemouth	bcff	bc	bc	bcff	61	49	43	–	–	–	–	•
Binksod Point ...	bcc	c	c	pr,	66	59	•	–	•	1	•	•
Donaghadee	bc3,	bcb3,	bw	bmm	66	54	55	–	–	–	–	•
Birr Castle	c	cbc	bc	bc	68	~~56~~	50	–	–	–	–	7.6
Holyhead	bm,3,	b3,	bcbw	bwm,	68	53	47	–	–	0.1	–	10.5
Liverpool (Bidston) ...	mbcby	3,ybc	bbcbw	bmw	69	47	44	–	–	–	–	8.8
Chester (Sealand) ...	~~bFm~~ bFmm,	b3,ym,b	bm,	bm,mf	71	42	37	–	–	–	–	9.4
Harrogate	b	b	b	bbcff	67	40	36	–	–	–	–	10.3
Spurn Head	bcb	bbc	bc	bcw	62	55	•	–	–	–	–	11.0
Birmingham (Edgbaston)	b	b	b	bbcf	68	46	29	–	–	–	–	9.8
Cranwell	b	b	b-bc	c	69	40	38	–	–	–	–	10.0
Corleston	bc	bc	bbc	bc	63	58	55	–	–	–	–	11.1
Valentia (Cahirciveen)	bcc	co	o	crr	67	60	56	–	–	7	5.30	1.2
Roches Point	cbc	bcc	cw	cbcw	65	59	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	bff	b	b	b	65	55	•	–	–	–	–	10.3
Ross-on-Wye	bfmb3	bc	bmm	bfw	69	39	35	–	–	–	–	9.0
Leafield	b	b	bw	b	65	42	38	–	–	–	–	10.8
Winchester (Worthy Dn.)	bcwb3,y	b3,yb	bbcw	bcw	67	44	34	–	–	–	–	10.3
S. Farnborough ...	bcbm3,	byb	bm,	bwcbm,	67	39	29	–	–	–	–	9.1
London (Kew Obsy.) ...	bmwbbc	bcb	bm,w	bmm,w	66	49	37	–	–	–	–	7.5
Croydon	cbcm,y	bcby	bm,wc	cm,br,bm	66	46	38	–	–	Tr.	3.30	7.4
Shoeburyness	cbc	bc	b	bc	69	52	44	–	–	Tr.	–	8.8
Clacton-on-Sea ...	bcc	cbc	bc	bc	64	58	54	–	–	–	–	7.5
Felixstowe	bcpr,c	b	bc	bc	65	51	47	Tr	11.00	–	–	5.2
Lympne	bcyc	cbcybc	bc	bcbm,	65	48	41	–	–	–	–	9.7
Scilly (St. Mary's) ...	bbcb	b	b	b	67	65	•	–	–	–	–	9.6
Falmouth (Pendennis)	bc	bc	bc	bc	63	57	•	–	–	–	–	11.1
Plymouth (Cattewater)	bm,	b	b	bwm,	67	49	42	–	–	Tr.	–	10.8
Portland Bill	b	b	bbcb	bz,	64	52	•	–	–	–	–	•
Southampton (Calshot)	by	by	bcb	bbcm,w	67	50	45	–	–	Tr.	–	10.2
Dungeness	bbcc	bcbc	bcc	cbbc	67	58	•	–	–	–	–	•
Guernsey	bcbq	bq	bmq	bbc	64	58	•	–	–	–	–	



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
L	13th 10h	Hibernia	SSE	2	c	58	57
	12h	St. Helier	E	4	bc-	62	62

GENERAL INFERENCE.

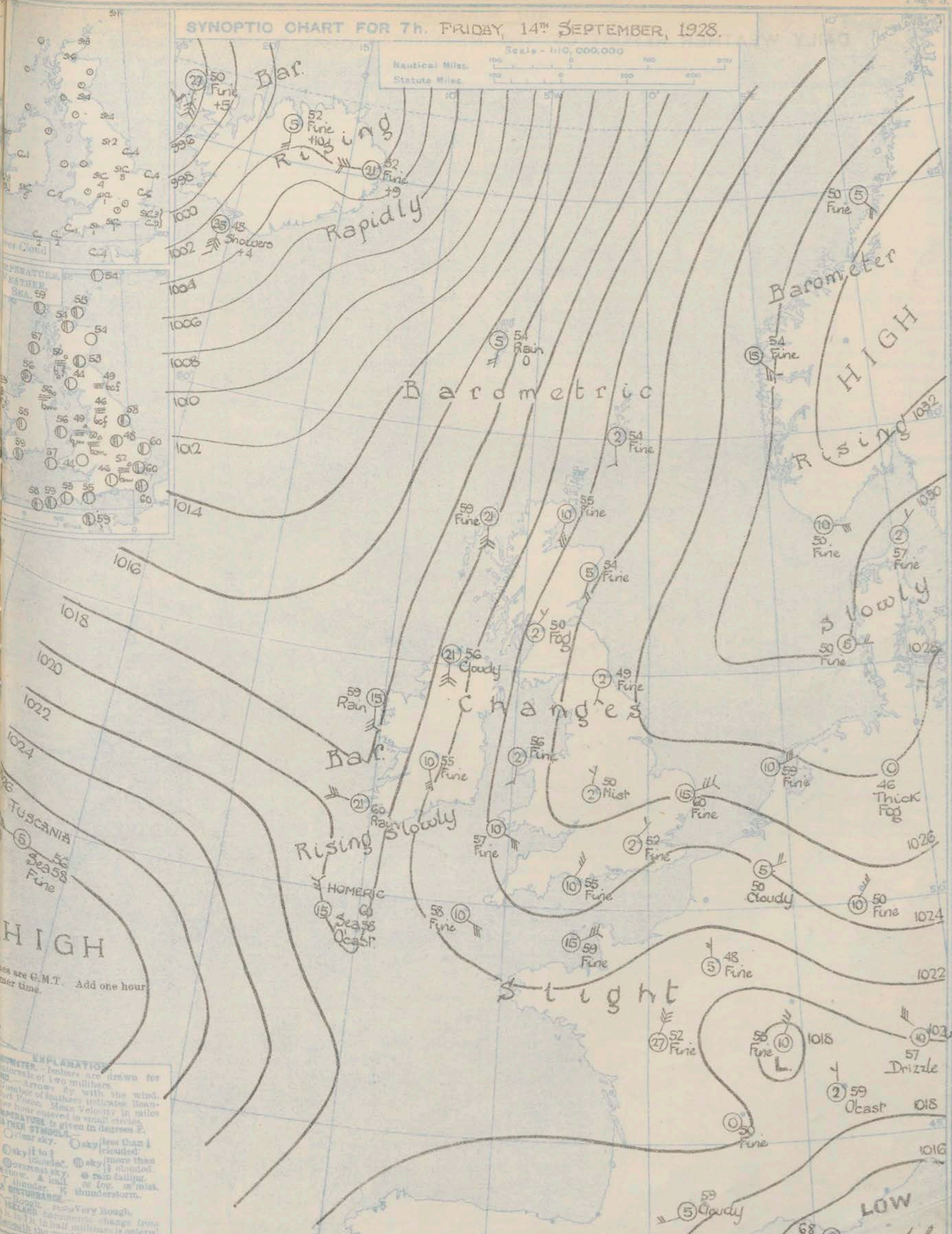
A large anticyclone is centred centred over Scandinavia and another anticyclone is approaching from southwest while a trough of relatively low pressure over West Ireland is filling up. Settled weather will continue in most districts but some rain will occur in Western and Central Ireland spreading to the Hebrides.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 14th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind E. or N.E., light or moderate; fine; moderate temperature.	Fine, except for local showers in the extreme N.W. Over England and East Scotland mainly fair weather is expected for a week.
5. S.W. England 6. South Wales 7. North Wales	Wind E. or S.E., becoming variable or N.W., light; mainly fair; moderate or rather high temperature.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind S.E. or S., light; fine: local morning fog; rather warm.	
13. A.W. Scotland B.N.W. Scotland	Wind S., fresh, veering and moderating later; some rain probable; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland	As 8 - 12.	
16. Orkneys and Shetlands 17. N.W. Ireland	Wind W., moderate or fresh, decreasing later; rain at first, then fine apart from scattered showers; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland	Wind S., veering W., light or moderate; occasional local rain, improving temporarily; moderate temperature.	
20. S.W. Ireland	As 17.	

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

* For explanation see page 1.

† Trace = rain has fallen, but amount less than ·01 mm.


SYNOPTIC CHART FOR 7h. FRIDAY, 14TH SEPTEMBER, 1928.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Bar. Rising Rapidly
Barometric Changes
Barometer Rising Slowly
Bar. Rising Slowly
Slight
HIGH
HIGH
LOW
L.
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
TUSCANIA
HOMERIC
50 Fine +5
52 Fine +10½
52 Fine +9
48 Showers +4
54 Rain 0
54 Fine
50 Fine
54 Fine
59 Fine
55 Fine
54 Fine
50 Fog
56 Cloudy
49 Fine
59 Rain
56 Fine
55 Fine
50 Mist
50 Fine
57 Fine
50 Fine
59 Fine
46 Thick Fog
60 Rain
60 Fine
57 Fine
52 Fine
55 Fine
50 Cloudy
50 Fine
56 Sea 58 Fine
60 Sea 58 O'cast
58 Fine
59 Fine
48 Fine
52 Fine
56 Fine
57 Drizzle
59 O'cast
50 Fine
59 Cloudy
68 Cloudy
Times are G.M.T. Add one hour for summer time.
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION............Friday 14th September 1928. No.258...

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

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	10239	-1	S	1	b	54	92	7	450	St	2	-	2
Stornoway	39	10200	0	SW	5	c	*	*	6	*	*	*	*	10
Wick	81	10235	0	SSW	3	b	56	97	8	2500	St	2	-	2
Tiree	33	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	81	1021.1	-1	SSE	5	b	58	85	7	5700	StCu	2	-	2
Renfrew	28	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	100	10255	0	S	1	bc	57	85	6	800	St	4	-	4
Leuchars	30	-	*	*	*	*	-	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	87	10274	+1	SSE	2	bc	51	92	7	800	St	3	-	3
Blacksod Point	18	10181	0	S	4	c	63	75	6	*	CuNb	8	-	8
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	176	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	36	10245	0	-	0	b	56	97	6	-	-	0	-	0
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	39	10272	0	E	3	bc	57	75	7	4000	St	3	-	3
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	10283	0	-	0	b	42	97	7	-	-	0	-	0
Gorleston	14	10274	0	ESE	4	bc+	60	86	7	4000	Cu	4	-	4
Valentia (Cahirciveen)	30	10203	0	SE'S	3	c	60	97	8	-	-	0	ASt	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	10244	0	ESE	2	b	56	92	7	-	-	0	-	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Down)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	51	*	*	*	*	*	*	*
Croydon	244	10267	0	-	0	c	48	97	6	4000	Cu	3	-	3
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	10253	-1	EN	3	bc+	54	75	7	4000	StCu	7	-	7
Scilly (St. Mary's)	183	10242	-1	ESE	3	b	56	92	7	-	-	0	-	0
Falmouth (Pendennis)	200	10243	0	E	3	bc	57	97	7	4000	Cu	3	-	3
Plymouth (Cattewater)	89	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	83	10250	0	ENE	4	b	58	75	8	-	-	0	-	0
Southampton (Calshot)	10	10255	-1	N'E	3	b	52	85	8	-	-	0	-	0
Dungeness	20	10214	-2	ESE	4	bc	61	75	8	2500	StCu	7	-	7
Guernsey (Fort George) F	298													

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	10242	0	S	1	b	64	92	7	460	St	1	-	1	*
Stornoway	10195	0	S	5	bc	58	65	7	-	-	0	ACu	7	4
Wick	10233	0	SSW	3	bc	55	97	7	1500	St	3	Ci	5	0
Tiree	10204	0	S'E	5	bc	57	92	7	-	-	0	CiCu	5	4
Nairn	10230	*	-	0	bc	54	85	6	1500	St	6	-	6	*
Aberdeen	10263	+1	S'W	2	b	54	85	6	-	-	0	-	0	0
Malin Head	10205	0	S	5	c	56	85	7	-	-	0	CiCu	9	2
Renfrew	10252	0	NE	1	fb-	50	97	2	-	-	0	-	0	*
Edinburgh (Inchkeith)	10251	+1	SE	2	bc	53	85	6	800	St	4	-	4	0
Leuchars	10257	0	-	0	bc	49	97	5	-	-	0	CiSt	5	*
Eskdalemuir	10264	0	-	0	b	44	92	6	-	-	0	Ci	1	*
Tynemouth	10276	0	SSW	1	fbc-	45	97	3	800	St	4	-	4	0
Blacksod Point	10170	-1	S	4	orc+	58	92	6	*	Nb	10	-	10	4
Donaghadee	10231	-1	S'E	3	mmb	56	97	4	-	-	0	CiSt	2	2
Birr Castle	10212	*	SSE	3	bc	55	92	6	2500	Cu	1	Ci	4	*
Holyhead	10244	0	SW	1	bc+	56	85	6	-	-	0	Ci	4	0
Liverpool (Bidston)	10269	0	ESE	3	mmb	49	92	4	-	-	0	-	0	*
Chester (Sealand)	10262	0	SEE	3	~~fbc~~ mb-	46	97	4	-	-	0	-	0	*
Harrogate	10283	0	-	0	fbc	46	92	3	150	St	2	ACu	3	*
Spurn Head	10277	0	ENE	3	bc	58	85	7	4000	Cu	4	-	4	2
Birmingham (Edgbaston)	10272	-1	NNE	1	fbc	50	85	5	4000	StCu	4	-	4	*
Cranwell	10285	+1	NNE	1	c	48	97	7	4000	StCu	8	-	8	*
Gorleston	10267	0	EN	4	bc	60	75	7	5700	Cu	4	-	4	0
Valentia (Cahirciveen)	10193	+2	WN	5	cr-	60	57	7	800	St	10	-	10	3
Roches Point	10222	-1	S	3	bc	59	92	8	2500	StCu	5	Ci	7	1
Pembroke (St. Ann's H.)	10240	-1	ESE	3	b+	57	85	7	2500	Cu	2	-	2	1
Ross-on-Wye	10265	-1	-	0	fb-	44	97	3	-	-	0	-	0	*
Leafield	10257	-1	ENE	3	b	50	85	7	6700	StCu	1	-	1	*
Winchester (Worthy Down)	10251	-2	N'E	3	bc	50	85	7	4000	Cu	4	-	4	*
S. Farnborough	10260	-2	-	0	b-	46	97	6	-	-	0	Ci	1	*
London (Kew Obsy.)	10235	0	NE	1	bm	52	85	5	-	-	0	ACu	1	*
Croydon	10252	-1	EN	1	mbc	48	97	4	2500	StCu	7	-	7	*
Shoeburyness	10245	-1	ENE	3	bc	60	85	7	4000	Cu	4	-	4	*
Clacton-on-Sea	10255	0	ENE	4	bc	60	75	7	2500	Cu	6	-	6	3
Felixstowe	10253	0	NEE	5	bc	60	75	8	2500	Cu	7	-	7	2
Lympne	10242	0	ENE	4	b	56	85	6	2500	Cu	1	-	1	*
Scilly (St. Mary's)	10236	0	ESE	3	bc	58	85	7	4000	Cu	2	Ci	3	1
Falmouth (Pendennis)	10236	0	ESE	2	bc	59	92	8	4000	Cu	2	CiSt	5	1
Plymouth (Cattewater)	10245	-1	E	1	b	53	92	7	4000	Cu	1	Ci	1	0
Portland Bill	10238	0	NE	3	b	55	75	6	1500	St	1	-	1	1
Southampton (Calshot)	10244	-2	NE	4	b	51	85	6	4000	StCu	1	ACu	2	0
Dungeness	10236	-2	ENE	4	bc-	60	85	7	1500	StCu	5	-	5	3
Guernsey (Fort George) F	10234	0	ENE	4	bc+	59	75	8	2500	Cu	4	-	4	4

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 12th to 9h 13th °F (4)	Temperature Max. 9h.-17h. 13th °F (5)	Rainfall Night 17h.-9h. 12th-13th mm. (6)	Rainfall Day 9h.-17h. 13th mm. (7)	Sunshine Sunrise to 17h. 13th hr. (8)	Sunshine Sunrise to Sunset 12th hr. (9)
Berwick-on-Tweed	b	bcc	47	62	-	-	8.4	9.4
Douglas (I. o. M.)	bcb	bbc	52	67	-	-	8.7	6.2
Llandudno	bbc	bc	53	71	-	-	8.8	3.2
Colwyn Bay	cbbc	cbcb	53	70	-	-	6.0	4.9
Rhyl	bbc	b	51	72	-	-	7.7	5.2
Wallasey	bz	bbcz	54	72	-	-	8.0	6.0
Southport	zbbcz	bczcz	*49	72	-	-	7.7	8.0
Blackpool	bc	bc	51	71	-	-	6.8	(9.5)
Ilkley	b	b	42	68	-	-	9.8	9.2
Cleethorpes	zb	b	44	65	-	-	10.5	9.2
Skegness	bcb	b	49	65	-	-	9.0	9.9
Aberystwyth	zbc	bbc	51	67	-	-	9.2	3.4
Bath	b	b	44	68	-	-	10.1	9.4
Cheltenham‡	bmz	bz	50	68	-	- 10.1	~~[illegible]~~	9.2
Leamington Spa	cb	b	44	68	-	-	9.0	(9.0)
Lowestoft	b	b	49	64	-	-	9.9	11.0
Harwich & Dovercourt	bc	bc	50	64	-	-	6.0	11.3
Maldon	mbc	bc	44	64	-	-	6.4	10.1
Southend	bc	bcc	50	67	-	-	7.5	11.2
Ilfracombe	b	b	55	67	-	-	10.0	7.9
Bude	bc	b	?40	70	-	-	10.4	(9.2)
Penzance	b	b	54	65	-	-	9.8	5.7
Paignton	wbz	b	50	64	-	-	9.3	(7.9)
Torquay	cwm	b	56	65	-	-	9.9	8.3
Jersey	bc	b	55	68	-	-	9.2	10.7
Weymouth	b	b	52	68	-	-	11.0	10.6
Bournemouth	b	b	46	68	-	-	10.4	10.7
Ventnor	bz	b	55	66	-	-	9.3	10.6
Portsmouth (S'thsea)	b	b	52	69	-	-	9.3	10.7
Bognor	bbc	b	50	67	-	-	8.5	11.2
Littlehampton	bc	bcc	50	68	-	-	7.0	(9.8)
Worthing	bbc	c	51	68	-	-	7.3	10.8
Brighton	bc	bc	50	69	-	-	7.6	8.7
Eastbourne	bbc	bcb	51	68	-	-	8.4	11.5
Hastings‡	bc	bcabc	51	67	-	-	8.1	11.2
Folkestone	cbc	cbcv	53	67	-	-	8.7	10.6
Dover	bc	bc	51	68	-	-	8.7	10.6
Tunbridge Wells	b	b	42	68	-	-	9.6	10.4
Ramsgate	bcb	b	57	65	-	-	7.6	11.2
Margate	bcb	bc	57	64	-	-	8.7	11.4
Deal	bc	bc	48	67	-	-	7.6	8.9

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24404 Saturday 15th September 1928.

Observations at 13h. G.M.T. 14h.

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	1024·8	+1	S	1	b	58	75	8	2500	St.Cu	1	A.St	2	•
Stornoway	1018·8	0	S	4	c	60	85	7	-	-	0	A.St	10	•
Wick	1023·3	0	S	4	bc	58	85	7	1500	St	5	-	5	•
Tiree	1020·7	0	S'W	6	c+	59	92	6	800	St.Cu	10	-	10	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1026·6	0	SSE	4	b	59	75	7	800	St	2	-	2	0
Malin Head	1021·8	+2	SSW	5	cr₀	57	92	5	5700	Nb	8	A.St	10	•
Renfrew	1025·0	−1	SSE	3	bc+	63	75	7	4000	Cu	4	-	4	1
Edinburgh (Inchkeith)	1025·7	0	SE	1	bc	59	75	7	800	St	4	-	4	•
Leuchars	1025·1	−1	ESE	3	b+	64	75	6	4000	Cu	2	-	2	1
Eskdalemuir	1025·7	0	SSW	3	c	60	75	7	4000	Cu	8	-	8	1
Tynemouth	1027·4	0	SSE	2	bc/f	57	85	7	1500	Cu	5	-	5	•
Blacksod Point	1025·7	+8	W	3	bc-	55	92	8	•	Cu.Nb	7	-	7	•
Donaghadee	1024·3	+1	S'E	3	c	60	85	7	4000	St.Cu	5	A.St	9	•
Birr Castle	1024·7	•	NW	2	orr	56	97	6	1500	Nb	10	-	10	•
Holyhead	1025·6	0	S	4	bc+	62	65	8	-	-	0	C.St	7	0
Liverpool (Bidston)	1026·6	0	SE'S	2	b-	63	55	7	5700	St.Cu	1	Ci	1	•
Chester (Sealand)	1026·3	−1	SE	3	bc	65	55	7	4000	Cu	4	-	4	0
Harrogate	1027·5	−1	SSE	3	bc	61	65	7	4000	Cu	3	-	3	•
Spurn Head	1027·7	0	E	4	b	62	75	8	-	-	0	-	0	•
Birmingham (Edgbaston)	1026·8	0	ESE	3	bc	62	55	8	4000	St.Cu	6	-	6	0
Cranwell	1027·3	−1	SE'E	3	c+	65	75	8	2500	Cu	8	-	8	0
Gorleston	1027·1	0	E	4	bc	63	75	6	5700	Cu	3	-	3	•
Valentia (Cahirciveen)	1027·0	+5	N'W	4	bc	59	75	8	1500	St.Cu	5	A.St	6	2
Roches Point	1024·3	+3	NW	4	cr-	59	97	7	1500	Nb	9	-	9	•
Pembroke (St. Ann's H.)	1025·3	0	SE	3	c+	61	75	7	-	-	0	A.St	8	•
Ross-on-Wye	1025·5	0	E'S	2	c	64	65	8	4000	Cu	8	-	8	0
Leafield	1025·1	0	E	3	bc	64	65	8	2500	Cu	3	-	3	0
Winchester (Worthy Dn.)	1024·5	−1	E	3	c	67	55	8	4000	St.Cu	9	-	9	0
S. Farnborough	1024·5	−1	E	4	bc	69	55	7	4000	St.Cu	6	-	6	0
London (Kew Obsy.)	1025·2	−1	E	4	bc	67	45	8	4000	Cu	4	-	4	0
Croydon	1024·6	−1	E'N	4	bc-	66	65	8	4000	Cu	4	-	4	0
Shoeburyness	1025·7	0	E	5	bc	67	75	8	4000	Cu	4	-	4	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1026·4	0	NE'E	5	b-	66	55	8	2500	Cu	1	-	1	0
Lympne	1024·2	−1	E	5	b-	66	45	8	2500	Cu	2	-	2	0
Scilly (St. Mary's)	1024·3	+1	ESE	3	bc+	65	65	8	4000	St.Cu	5	Ci	7	•
Falmouth (Pendennis)	1024·8	0	ESE	3	bc+	61	92	8	4000	Cu	4	Ci.St	7	•
Plymouth (Cattewater)	1024·3	−1	ESE	2	bc⊕	66	55	7	4000	Cu	2	C.St	7	0
Portland Bill	1023·9	+1	NE	4	b	64	75	6	2500	Cu	1	-	1	•
Southampton (Calshot)	1024·1	−1	ESE	4	bc	67	65	7	4000	Cu	3	-	3	0
Dungeness	1024·1	−1	ENE	4	bc	67	65	8	2500	Cu	4	-	4	•
Guernsey (Fort George)	1023·4	0	NE	4	b-	63	75	7	2500	Cu	2	-	2	•

Observations at 18h. G.M.T. 14h.

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	1025·1	−1	S'E	2	b	54	85	8	2500	St.Cu	1	A.St	2	•
Stornoway	1012·9	+6	NNW	4	orr	51	97	6	2500	St	10	-	10	3
Wick	1023·1	−1	S	4	bc	55	97	7	1500	St	6	-	6	3
Tiree	1024·7	+1	NNW	4	od₀	54	97	6	800	Nb	10	-	10	6
Nairn	1022·7	•	-	0	bc	59	85	6	1500	St	6	-	6	•
Aberdeen	1025·9	0	SSW	2	b+	55	85	7	1500	St.Cu	1	Ci.St	2	0
Malin Head	1027·4	+5	NW	4	c/fR-	54	85	8	4000	Cu.Nb	2	Ci.Cu	8	1
Renfrew	1025·3	0	S	2	c	59	75	6	2500	St.Cu	10	-	10	•
Edinburgh (Inchkeith)	1025·9	0	SSW	3	bc	59	65	7	800	St	3	Ci	5	1
Leuchars	1025·2	+1	SW	3	bc-	59	85	7	4000	St.Cu	4	Ci.Cu	7	•
Eskdalemuir	1026·7	0	S	1	bc	54	85	7	-	-	0	Ci	7	•
Tynemouth	1027·2	0	SSE	2	bc	56	85	7	1500	Cu	3	A.Cu	5	0
Blacksod Point	1028·3	+4	W	3	bc	57	75	9	•	Cu	4	-	4	3
Donaghadee	1026·3	+4	N	2	c/r	59	92	8	2500	Nb	8	-	8	2
Birr Castle	1027·7	•	NNW	2	bc-	58	85	7	2500	Cu	2	A.Cu	5	•
Holyhead	1026·4	0	SSW	1	c	59	75	6	-	-	0	A.St	10	0
Liverpool (Bidston)	1026·7	0	W	2	c+	59	75	7	2500	St.Cu	5	Ci	8	•
Chester (Sealand)	1026·4	+1	NW	3	c	60	75	6	2500	St.Cu	6	Ci.Cu	8	•
Harrogate	1027·2	0	SSE	1	bc	58	75	6	2500	St.Cu	3	-	3	•
Spurn Head	1027·6	0	E'N	4	b	58	85	7	4000	Cu	2	-	2	2
Birmingham (Edgbaston)	1026·4	0	N	2	b	62	55	6	-	-	0	Ci	2	•
Cranwell	1027·0	0	ESE	1	bc-	60	85	8	4000	St.Cu	3	-	3	•
Gorleston	1026·4	0	ENE	4	bc-	62	75	7	5700	Cu	3	-	3	0
Valentia (Cahirciveen)	1029·3	+2	N'W	4	b	57	65	8	2500	Cu	2	-	2	3
Roches Point	1027·0	+4	NW	4	bc	60	85	9	2500	Cu	2	Ci.Cu	4	4
Pembroke (St. Ann's H.)	1026·0	+1	NW	2	c	60	75	7	4000	St.Cu	5	A.Cu	8	0
Ross-on-Wye	1025·4	−1	-	0	bc-	60	75	8	-	-	0	A.St	7	•
Leafield	1025·4	0	NE'E	2	bc	59	65	8	5700	St.Cu	1	Ci	3	•
Winchester (Worthy Dn.)	1024·8	+1	N'E	2	bc⊕	61	75	8	4000	St.Cu	1	C.St	4	•
S. Farnborough	1024·7	+1	ENE	2	b	61	65	7	-	-	0	Ci	2	•
London (Kew Obsy.)	1025·5	+1	ENE	2	b	62	55	7	-	-	0	Ci	1	•
Croydon	1025·2	+1	ENE	2	b-	60	75	7	4000	St.Cu	1	Ci	2	•
Shoeburyness	1025·1	−1	E	5	bc	61	92	8	4000	Cu	4	-	4	•
Clacton-on-Sea	1025·5	0	ENE	3	bc	62	65	7	4000	Cu	3	-	3	3
Felixstowe	1025·9	+2	NE'N	3	b	61	75	8	4000	Cu	2	-	2	2
Lympne	1024·3	+1	NE	4	b+	59	75	7	-	-	0	Ci	1	•
Scilly (St. Mary's)	1025·8	+1	-	0	c	60	85	7	4000	St.Cu	9	-	9	1
Falmouth (Pendennis)	1025·6	+1	N'E	2	c+	59	92	7	4000	St.Cu	4	A.St	10	1
Plymouth (Cattewater)	1025·6	+1	WNW	2	c	60	75	7	7200	Nb	5	A.St	9	0
Portland Bill	1024·0	+1	NW	3	bc-	62	85	6	2500	St.Cu	3	Ci	7	2
Southampton (Calshot)	1024·2	+1	NW'N	1	bc+	63	65	7	4000	St.Cu	4	C.St	6	0
Dungeness	1023·4	+2	ENE	4	bc	62	75	8	-	-	0	C.St	5	3
Guernsey (Fort George)	1023·8	+1	NE	3	c+	60	85	7	2500	St.Cu	3	A.St	8	3

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 8h-18h, Kensington. 8h-21h, other stations.

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall † mm. Day	Rainfall Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility § 8h.
		24 Hours ended 8h.								Yesterday.			
Kew	18	bcm₀	bcy	bcmq	69	50	40	-	-	9·4	•	•	6
Croydon	284	bcbcm	bcyb	bcmw	69	46	37	-	Tr	10·4	•	•	4
Greenwich (Royal Obsy.)	149	bbcy	bbcyb	bwcm	69	49	36	-	-	10·5	57	84	5
City (Bunhill Row)	60	•	•	•	•	•	•	•	•	9·6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	68	53	47	-	-	9·8	60	79	•
Regent's Pk. (Botanic Gdns).	158	•	•	•	•	•	•	•	•	7·7	•	•	•
Camden Square	110	c	cb	•	73	51	•	-	-	•	•	88	•
Kensington Palace	80	bc	bc	•	69	52	43	-	-	•	(At 18h) 61	87	•
Hampstead Observatory	450	•	•	•	67	48	41	-	Tr	10·2	•	95	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington* Max.	Time	Min.	Time
0·8	8h 14m	<0·3	3h 15m

Kew Observatory Max.	Time	Min.	Time
0·3	8h 14m	<0·1	13h 14m

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th 19 h 15 m. to 15th 4 h 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9·15	9·6	98
δ Ursae Minoris	9·15	9·3	90

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

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

15th & 16th September 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·28 / 5·30	11·48 / 11·48	18·8 / 18·5
Greenwich	5·36 / 5·37	11·55 / 11·56	18·14 / 18·11
Wick	5·43 / 5·45	12·8 / 12·7	18·31 / 18·28
Valentia	6·16 / 6·18	12·36 / 12·36	18·55 / 18·53

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
b(r) = "hail" or "rain and hail."
Capital letters indicate intensity; 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 Beaufort numbers, is the speed at about 30 feet above the ground.

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

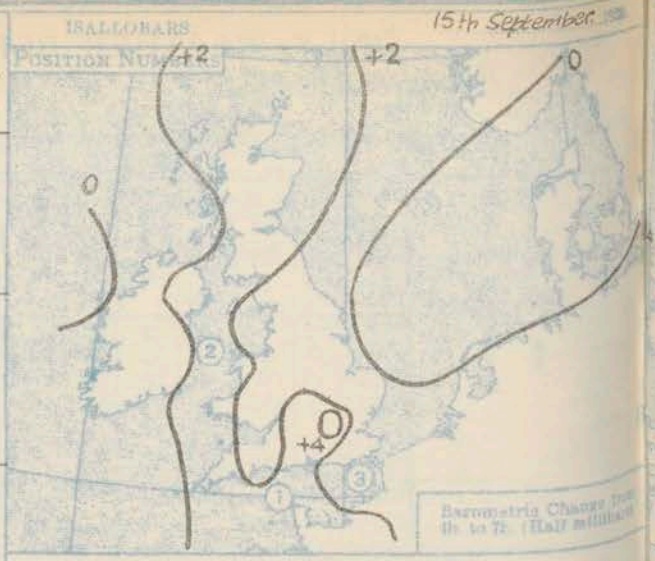
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.-13h. 14th	Weather. 13h.-18h. 14th	Weather. 18h. 14th to 1h. 15th	Weather. 1h.-7h. 15th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 14th Hours.
Lerwick	b	b	b	bbcc	59	51	•	–	–	–	–	10.9
Stornoway	c	r-d	c(r)	bbc	62	38	•	1	15.30	0.3	21.00	0.5
Wick	b-bc	b-bc	cpr.	cpr.c	59	48	•	–	–	0.2	24.00	•
Tiree	bcc	cr.r.	d.cbc	bc	61	43	31	2	14.30	Tr.	21.00	1.1
Nairn	bcbbc	bcg	bcpc	bcw	67	44	•	–	–	1	21.00	8.9
Aberdeen	b	b	bbcm.	bccir	60	50	47	–	–	2	1.30	9.8
Malin Head	cm.	cPR	cprbcbv	bbc	61	45	•	6	12.30	0.2	21.00	0.8
Renfrew	bfzbc	bcc	cr.rb	bwbc	64	43	35	–	–	1	21.00	4.7
Edinburgh (Inchkeith)	bbc	br.bc	bcir.	bbcc	62	49	48	–	–	0.3	22.00	7.5
Leuchars	bcbm.	bbcm.c	bccrc	cid.	67	50	42	–	–	1	22.00	7.6
Eskdalemuir	bzwbcc	cbc	bcopr.m	ocbcw	62	41	36	–	–	Tr.	21.00	7.6
Tynemouth	bcffbc	bc	bc	bcc	58	51	40	–	–	–	–	•
Blacksod Point ...	Rc	cb	b	bbc	60	48	•	14	•	Tr.	•	•
Donaghadee	mmbcc	cir	bc	bcw	61	49	•	1	15.30	–	–	•
Birr Castle	corr	orrbc	bc	bcff	61	39	29	6	13.30	–	–	2.0
Holyhead	bcm.b	c	cprc	c	63	55	53	–	–	0.3	22.00	5.2
Liverpool (Bidston) ...	mcbcy	bybcc	cw	wcob.	64	55	51	–	–	Tr.	6.30	7.5
Chester (Sealand) ...	bmm.bc	bccm.	cm. *b	cm. PR	66	48	44	–	–	1	4.30	7.9
Harrogate	bcfcbc	bcbbc	bcb	coFF	64	48	46	–	–	–	–	7.6
Spurn Head	b	b	b	bcwbfbc	62	53	•	–	–	–	–	11.3
Birmingham (Edgbaston)	bc	bcb	bf	bff	67	48	33	–	–	–	–	7.9
Cranwell	bc	c	bm	F	68	45	41	–	–	–	–	8.6
Gorleston	bc	bc	bcb	bbc	63	59	55	–	–	–	–	10.2
Valentia (Cahirciveen)	crrbc	bcb	bbw	bwbc	60	42	35	7	18.00	0.1	–	5.4
Roches Point	crr	crbcv	bcvbw	bbcw	61	46	•	6	11.00	Tr.	–	•
Pembroke (St. Ann's H.)	bbc	c	c	c	63	55	•	–	–	–	–	5.9
Ross-on-Wye	bmbcc	bbcc	bcc	cffw	67	44	37	–	–	–	–	7.6
Leafield	bbc	bc	b	b	66	43	38	–	–	–	–	9.7
Winchester (Worthy Dn.)	bbccy	cybc	bcbw	bwm.	69	44	37	–	–	–	–	7.9
S. Farnborough ...	bz.y	bcy	b	bmf	70	39	30	–	–	–	–	10.1
London (Kew Obsy.) ...	bcm.	bcy	b	cmcf	69	50	40	–	–	–	–	9.4
Croydon	bcbmm.	bcyb	bbcm.w	bcmwblc	69	46	37	–	–	Tr.	–	10.4
Shoeburyness	bc	bc	b	bcw	69	49	45	Tr.	–	Tr.	–	11.2
Clacton-on-Sea ...	bc	bc	bc	bcz	66	52	49	–	–	–	–	10.7
Felixstowe	bcby	bbcvb	bbc	bcmwb	67	50	47	–	–	Tr.	–	10.7
Lympne	bcby	byb	b	bmFbm	67	49	41	–	–	Tr.	–	11.1
Scilly (St. Mary's) ...	bc	bcc	cbc	cbc	66	65	•	–	–	–	–	5.8
Falmouth (Pendennis)	bc	bcc	c	cbc	62	55	•	–	–	–	–	7.1
Plymouth (Cattewater)	bbcy	cy	cb	bwbc	66	54	49	–	–	–	–	6.7
Portland Bill	bz.	bcz.	bcobc	bbcz.	65	54	•	–	–	–	–	•
Southampton (Calshot)	bm.bc	bc	bc	bcbwbcw	68	50	45	–	–	Tr.	–	8.8
Dungeness	bc	bc	bcb	bccfw	67	51	•	–	–	–	–	•
Guernsey	bcb	bbc	cbc	bc	64	57	•	–	–	–	–	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	
2	14th 10h	Hibernia	S	5	c	59	56	7
1	• 12h	St. Julien	ENE	4	c	62	61	7
3	15th 1h	Brighton	NE	5	bc	62	63	8

GENERAL INFERENCE.

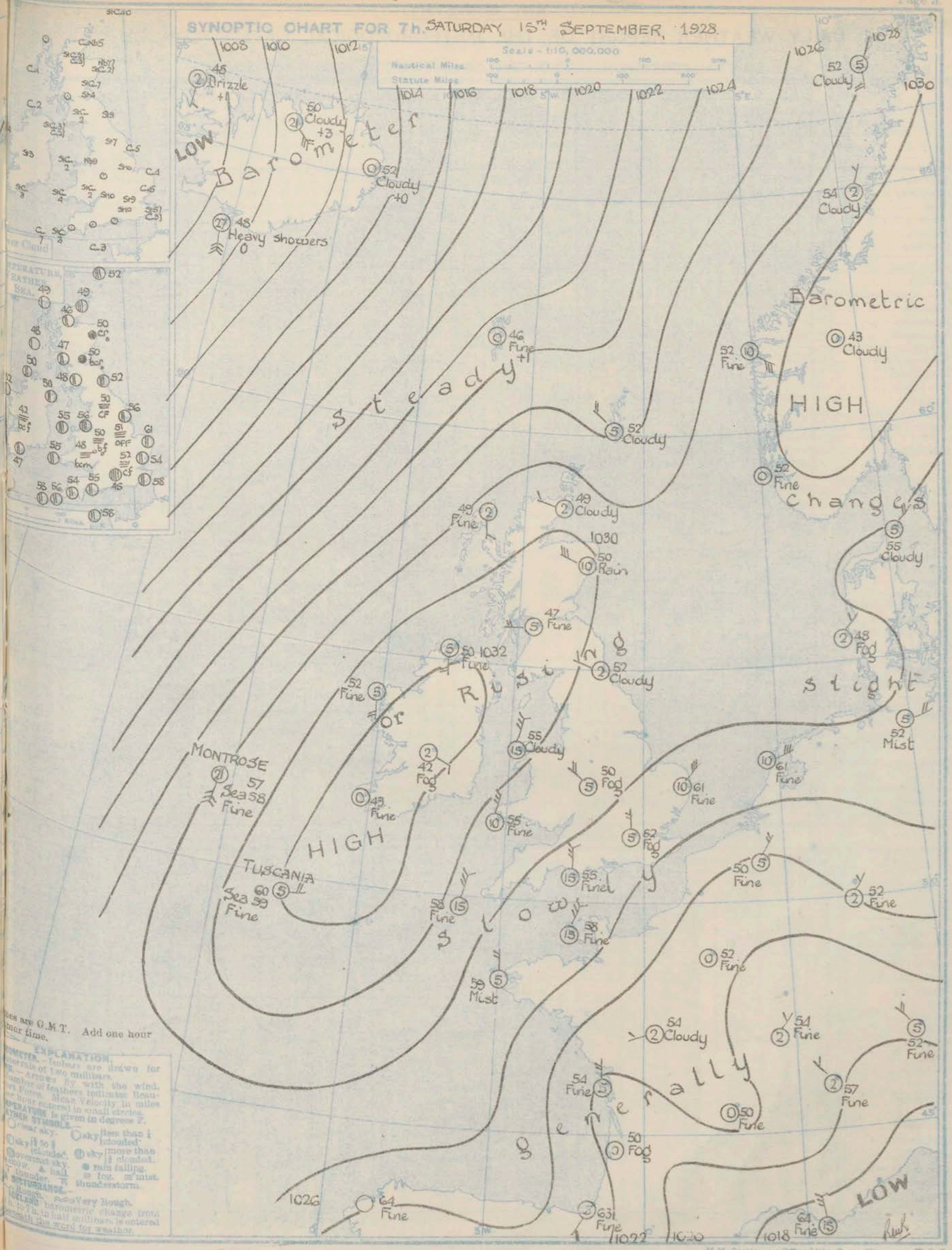
Anticyclones are centred over Scandinavia and Ireland. Quiet and mainly fair weather will continue with rather high day temperatures and at night slight ground frost locally.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 15th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Light to moderate variable winds, mainly between N. and E.; bright; local mist or fog, night and morning; rather warm by day, slight ground frost locally at night.	No important change is indicated.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light variable winds; bright intervals; mist or fog locally at night and in morning; rather warm by day, slight ground frost locally at night.	
13 (A. W. Scotland B. N.W. Scotland 14. Mid-Scotland	Southwesterly winds, light to moderate or fresh; mainly fair; moderate temperature to rather warm.	
15. N.E. Scotland	As 6 - 12.	
16. Orkneys and Shetlands	As 13A. - 13B.	
17. N.W. Ireland	As 6 - 12.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 6 - 12.	

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

† For code see page 1.

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



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—
Clear sky. Sky less than ½ clouded. Sky ½ to ¾ clouded. Sky more than ¾ clouded. Overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.

DISTURBANCE.—
Rough. Very Rough.

TENDENCY. barometric change from the 3 hrs. in half millibars, is entered beneath this word for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION............Saturday 15th September......1928. No 259....

Observations at 1h. 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 Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1024.4	0	S	2	b	54	92	8	2500	StCu	2	-	2
Stornoway	30	1028.5	+3	NW	3	bc	•	•	7	•	•	•	•	5
Wick	81	1026.6	+3	NW	3	c/pr.	51	97	8	1500	CuNb	6	CiSt	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	33	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1030.0	+1	W	3	bv	52	85	9	4000	Cu	2	-	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	180	1028.1	+3	WSW	3	b	52	85	8	-	-	0	ACu	1
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1028.0	+1	-	0	bc	54	92	6	800	St	4	-	4
Blacksod Point	18	1031.1	+2	-	0	b	50	85	7	•	Cu	2	-	2
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	28	1028.9	+2	NNE	5	o	56	85	7	1500	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1028.3	+1	E'N	2	bc+	57	92	7	4000	St	3	-	3
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1028.8	+2	- (E)	0	FFb	49	92	1	-	-	0	-	0
Gorleston	14	1026.7	0	NE [illegible]	2	b	59	92	7	-	-	0	-	0
Valentia (Cahirciveen) P	39	1031.3	0	S	2	bv	52	97	9	-	-	0	-	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1028.2	+2	NNW	4	c+	57	92	8	1500	StCu	10	-	10
Ross-on-Wye	222	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	52	•	•	•	•	•	•	•
Croydon	244	1027.0	+2	-	0	bc	49	97	6	-	-	0	CiSt	5
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025.0	+1	NNE	3	b	52	97	7	-	-	0	-	0
Scilly (St. Mary's)	163	1028.7	+2	N'E	3	c+	56	92	8	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1026.9	0	N	3	c	57	92	7	4000	StCu	9	-	9
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	53	1026.1	+2	NE	3	b-	57	85	8	2500	StCu	2	-	2
Southampton (Calshot)	19	1026.8	+1	NNW	3	bc-	55	85	7	-	-	0	CiSt	3
Dungeness	20	1025.5	+1	NNE	1	b-	57	85	8	-	-	0	-	0
Guernsey (Fort George) P	285													

Observations at 7h. G.M.T. 15th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1025.7	+3	NW	2	c	52	92	7	2500	StCu	10	-	10	•
Stornoway	1029.1	+2	S	1	b	49	97	8	-	-	0	CiSt	1	0
Wick	1029.6	+3	WNW	1	c	49	97	8	1500	CuNb	5	CiSt	8	0
Tiree	1030.5	+1	W'S	1	b-	48	97	7	4000	Cu	1	Ci	2	2
Nairn	1030.9	•	-	0	bc	46	85	8	2500	Cu	5	-	5	•
Aberdeen	1030.3	+3	WNW	3	cr	50	92	8	1500	Nb	9	-	9	0
Malin Head	1031.5	+1	S	2	bc	50	92	8	4000	Cu	2	ACu	3	1
Renfrew	1030.8	+2	W	2	bc+	47	97	8	[illegible]	[illegible]	0	Ci	6	•
Edinburgh (Inchkeith)	1030.6	+3	W	1	bcr	50	92	7	[illegible]	[illegible]	10	[illegible]	9	0
Leuchars	1030.1	+3	-	0	cld	52	92	8	2500	StCu	7	ASt	10	•
Eskdalemuir	1030.1	+2	NE	2	bc	48	85	8	2500	StCu	2	Ci	3	•
Tynemouth	1029.5	+2	WNW	1	c	52	92	6	1500	St	8	-	8	1
Blacksod Point	1031.6	0	S	2	bc	52	85	8	•	Cu	4	-	4	1
Donaghadee	1030.8	+2	NW	2	bc+	50	85	8	4000	StCu	5	-	5	2
Birr Castle	1032.6	•	ESE	1	fbc	42	92	3	450	St	3	CiCu	5	•
Holyhead	1030.3	+2	N'E	4	c	55	85	8	1500	StCu	2	Ci	8	4
Liverpool (Bidston)	1029.4	+1	NW	3	c-	56	85	8	2500	Nb	9	-	9	•
Chester (Sealand)	1028.8	+2	NNW	2	c	55	92	6	1500	St	9	ASt	10	•
Harrogate	1029.2	+1	-	0	FFc	50	97	1	<150	St	7	ACu	8	•
Spurn Head	1028.4	0	NW	2	bc	56	97	6	4000	Cu	5	CiCu	7	1
Birmingham (Edgbaston)	1029.6	+1	WNW	2	fb-	50	92	2	-	-	0	-	0	•
Cranwell	1029.1	0	-	0	FFo	51	97	1	<150	St	10	-	10	•
Gorleston	1026.8	0	NE	3	bc+	61	85	6	4000	Cu	4	ACu	7	0
Valentia (Cahirciveen) P	1032.9	+1	-	0	bc	43	92	8	-	-	0	CiCu	7	1
Roches Point	1031.7	+1	NW	2	bc	47	92	8	2500	StCu	3	Ci	4	0
Pembroke (St. Ann's H.)	1029.1	+3	NNE	3	bc-	55	85	8	2500	StCu	4	CiSt	7	1
Ross-on-Wye	1028.8	+1	-	0	fbc	48	92	4	5700	StCu	2	CiSt	7	•
Leafield	1028.6	+2	NNW	2	Fo+	47	97	1	<150	St	10	-	10	•
Winchester (Worthy Dn.)	1027.7	+2	NW	1	bc	49	97	6	-	-	0	Ci	3	•
S. Farnborough	1027.6	+3	NW	2	o+	45	97	5	800	St	10	-	10	•
London (Kew Obsy.)	1027.9	+4	N	2	fc	52	97	3	800	St	9	-	9	•
Croydon	1027.6	+3	NWN	1	fbc	50	97	3	4000	Cu	4	-	4	•
Shoeburyness	1026.5	+1	N	2	bc	55	97	7	5700	StCu	3	CiCu	6	•
Clacton-on-Sea	1026.5	+2	N	3	bc	54	92	6	4000	Cu	5	-	5	1
Felixstowe	1026.9	+1	N	3	b	55	92	6	4000	Cu	1	ACu	2	1
Lympne	1025.9	+2	NNE	2	bc+	54	97	5	4000	Cu	4	-	4	•
Scilly (St. Mary's)	1029.1	0	NE	4	bc	58	85	8	4000	Cu	7	-	7	1
Falmouth (Pendennis)	1028.6	+2	N'W	3	bc	56	97	7	4000	StCu	3	CiSt	5	1
Plymouth (Cattewater)	1028.4	+2	NNW	2	bc	54	85	7	-	-	0	CiSt	3	0
Portland Bill	1027.0	+1	N	4	bc	55	85	6	-	-	0	Ci	3	1
Southampton (Calshot)	1027.4	+2	NNW	3	bc+	51	86	6	-	-	0	CiSt	3	0
Dungeness	1026.4	+1	NNE	2	fc-	55	97	3	220	St	8	-	8	3
Guernsey (Fort George) P	1026.9	+2	NNE	4	bc	58	85	8	4000	Cu	3	CiCu	4	4

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 13th to 9h. 14th (4) °F	Temperature Max. 9h.-17h. 14th (5) °F	Rainfall Night 17h.-9h. 13th-14th (6) mm.	Rainfall Day 9h.-17h. 14th (7) mm.	Sunshine Sunrise to 17h. 14th (8) hr.	Sunshine Sunrise to Sunset 13th (9) hr.
Berwick-on-Tweed	b	b	47	62	-	-	10.4	8.4
Douglas (I. o. M.)	bcz	co	53	62	-	-	4.3	9.2
Llandudno	b	bcc	52	67	-	-	7.7	8.8
Colwyn Bay	b	bbcb	55	68	-	-	7.7	6.0
Rhyl	bcb	bc	47	68	-	-	8.2	9.7
Wallasey	bbc	bbcz	50	67	-	-	7.5	9.1
Southport	bzbcz	bcz	*47	68	-	-	8.2	7.7
Blackpool	bz	bcc	48	65	-	-	8.1	6.8
Ilkley	b	b	40	65	-	-	5.8	8.6
Cleethorpes	zb	b	56	63	-	-	10.5	10.9
Skegness	bbcb	b	52	65	-	-	9.9	9.4
Aberystwyth	zbc	bcq	50	66	-	-	7.9	9.7
Bath	bbc	bccb	44	67	-	-	6.6	10.7
Cheltenham‡	b	bbcz	46	68	-	-	9.3	10.5 (corr. 6.5)
Leamington Spa	bc	bc	42	67	-	-	7.1	9.0
Lowestoft	b	b	58	65	-	-	10.6	10.5
Harwich & Dovercourt	bc	bc	53	66	-	-	10.0	6.3
Maldon	bcb	b	50	65	-	-	9.6	6.5
Southend	bcb	b	52	67	-	-	10.6	7.8

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	bbcco	54	62	-	-	7.2	10.1
Bude	wb	bbcc	44	67	-	-	8.0	10.8
Penzance	bc	cbcz	53	65	-	-	6.2	10.6
Paignton	bw	bcy	49	65	-	-	8.4	9.7
Torquay	bw	bbcc	53	65	-	-	8.7	10.6
Jersey	b	b	53	69	-	-	10.3	10.0
Weymouth	b	bbc	52	69	-	-	9.7	11.0
Bournemouth	b	boco	44	70	-	-	8.5	10.7
Ventnor	bz	bz	52	67	-	-	10.1	10.1
Portsmouth (S'thsea)	b	b	61	70	-	-	9.7	10.0
Bognor	cb	bbc	60	67	-	- 10.1	~~8.5~~	8.6
Littlehampton	b	b	50	69	-	-	10.1	7.1
Worthing	b	b	51	70	-	-	10.1	7.4
Brighton	b	b	51	72	-	-	10.1	7.9
Eastbourne‡	b	b	51	68	-	-	10.0	8.4
Hastings‡	b	b	61	69	-	-	10.3	8.7
Folkestone	bcb	b	65	70	-	-	9.5	9.2
Dover	bcb	b	59	68	-	-	9.7	9.4
Tunbridge Wells	b	b	43	70	-	-	10.3	10.4
Ramsgate	b	b	59	66	-	-	10.3	7.9
Margate	bcb	b	58	65	-	-	10.4	9.4
Deal	b	b	58	69	-	-	9.2	7.6

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

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24405 Sunday 16th September 1928.

Observations at 13h. G.M.T. 15th.

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1027.3	0	NW	2	bc	57	75	8	1500	Cu	4	-	4	•
Stornoway	1028.6	0	SW	4	bc+	58	75	8	4000	Cu	6	-	6	•
Wick	1029.7	0	SSW	2	bc	57	85	8	2500	StCu	4	Ci	6	•
Tiree	1030.4	0	SW'W	3	bc	59	75	8	2500	Cu	3	A Cu	4	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1030.7	0	NE	2	c	56	75	8	2500	Cu	8	-	8	1
Malin Head	1030.8	-1	NE	2	bc	58	75	8	4000	Cu	1	A Cu	3	•
Renfrew	1030.6	-1	SE	2	b	60	75	6	4000	Cu	2	-	2	1
Edinburgh (Inchkeith)	1031.3	0	SSW	1	c	57	75	8	4000	Cu	4	A Cu	9	•
Leuchars	1030.8	-1	S	1	c	58	65	8	4000	StCu	9	-	9	1
Eskdalemuir	1030.5	0	NE	3	bc	56	75	7	2500	StCu	6	Ci	7	1
Tynemouth	1030.4	0	NNW	2	od₀d₀	53	97	7	1500	Nb	10	-	10	•
Blacksod Point	1030.7	-1	SSE	2	bcv	60	65	9	•	Cu	4	-	4	•
Donaghadee	1030.5	-1	NE	2	b	58	75	8	-	-	0	CiCu	2	•
Birr Castle	1031.7	•	SE	2	bc	62	65	7	4000	Cu	1	CiCu	4	•
Holyhead	1030.8	0	N	1	bc-	59	75	8	2500	Cu	2	CiCu	3	0
Liverpool (Bidston)	1029.9	0	NW'W	2	bcv	57	75	9	2500	StCu	5	Ci	7	•
Chester (Sealand)	1029.7	0	WNW	3	bc-	60	75	8	4000	Cu	1	Ci	3	1
Harrogate	1029.7	0	NE	1	c	57	85	6	2500	St	9	-	9	•
Spurn Head	1029.1	+1	N'E	3	bc	61	85	7	4000	St	6	-	6	•
Birmingham (Edgbaston)	1029.1 (corrected in red to 3)	-1	WNW	2	c+	59	85	6	4000	StCu	9	-	9	1
Cranwell	1029.3	•	NNW	2	c	60	85	6	450	Cu	8	-	8	0
Gorleston	1027.3	+2	NNE	4	bc	63	85	7	4000	Cu	4	CiCu	6	0
Valentia (Cahirciveen)	1032.1	-1	NW'W	2	bc	60	65	8	2500	Cu	1	CiCu	4	0
Roches Point	1031.5	-2	SW	1	bcv	60	75	9	2500	StCu	1	Ci	6	•
Pembroke (St. Ann's H.)	1029.4	-1	NNE	3	bc	62	75	8	2500	Cu	4	Ci	6	•
Ross-on-Wye	1029.6	0	NE	3	c-	61	75	7	4000	StCu	8	-	8	0
Leafield	1028.3	0	NNE	3	bc	60	65	8	4000	Cu	1	A Cu	7	0
Winchester (Worthy Dn.)	1027.5	-1	N	3	bc	65	55	8	4000	Cu	4	Ci	6	0
S. Farnborough	1027.4	0	N'W	5	c	64	65	7	4000	Cu	4	A Cu	8	0
London (Kew Obsy.)	1027.8	-1	N	3	c	63	65	7	4000	Cu	1	CiSt	9	0
Croydon	1027.3	-1	NNE	3	c	64	65	6	1500	Cu	8	A Cu	9	0
Shoeburyness	1026.9	0	NE	3	c	66	85	6	4000	StCu	6	A St	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1027.0	0	NE	4	bc	67	65	8	4000	Cu	4	CiSt	7	0
Lympne	1026.0	-1	ENE	4	bc+	65	55	7	2500	Cu	7	-	7	0
Scilly (St. Mary's)	1029.0	0	N'E	4	bc	63	75	8	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1028.3	-1	N'E	2	bc+	64	85	7	4000	Cu	4	CiSt	6	•
Plymouth (Cattewater)	1028.3	-1	-	0	bc	67	55	7	5700	Cu	6	-	6	0
Portland Bill	1027.2	+1	NE	4	bc+	66	75	8	2500	St	4	A Cu	6	•
Southampton (Calshot)	1027.5	-1	N'W	3	bc+	65	55	7	4000	Cu	5	CiSt	7	0
Dungeness	1025.8	-1	ENE	4 (corrected in red to 5)	bc+	68	65	8	2500	Cu	4	CiCu	6	•
Guernsey (Fort George)	1027.5	0	NE	4	bc	62	75	8	2500	Cu	7	-	7	•

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1027.6	-1	NW	1	bc	53	85	8	1500	Cu	3	A Cu	4	•
Stornoway	1026.9	-2	SSW	4	c+	56	85	8	5700	CuNb	10	-	10	3
Wick	1028.3	-1	SSW	2	bc	53	92	8	2500	StCu	2	CiSt	4	0
Tiree	1028.8	-2	SW	2	bc	55	85	8	2500	Cu	3	A Cu	7	1
Nairn	1027.7	•	-	0	bc	53	85	8	1500	St	2	CiCu	5	•
Aberdeen	1030.2	-1	SSE	1	b	54	85	7	1500	Cu	1	CiSt	2	0
Malin Head	1029.1	-2	NW	2	bc+	56	85	8	5700	StCu	2	CiCu	7	1
Renfrew	1029.7	-1	W	1	c	53	85	7	-	-	0	Ci	8	•
Edinburgh (Inchkeith)	1029.7	-2	SSW	1	bcv	55	85	9	-	-	0	CiSt	5	0
Leuchars	1030.2	0	S	1	bc	53	85	8	-	-	0	Ci	4	•
Eskdalemuir	1030.1	0	NNE	2	bc	52	85	8	4000	Cu	2	Ci	5	•
Tynemouth	1030.4	0	NNW	2	o/d	54	92	7	1500	Nb	10	-	10	1
Blacksod Point	1029.1	-2	S	3	bc	57	75	8	•	StCu	7	-	7	4
Donaghadee	1029.5	-2	NE	1	b	56	85	8	-	-	0	CiCu	1	1
Birr Castle	1029.5	•	SE	1	bc	61	85	7	4000	Cu	1	Ci	4	•
Holyhead	1029.7	-1	NNE	1	bv	55	85	9	2500	StCu	1	CiCu	2	0
Liverpool (Bidston)	1029.4	-1	WN,W	2	cv+	57	75	9	-	-	0	A St	9	•
Chester (Sealand)	1029.4	0	NWW	3	bc	56	85	8	-	-	0	CiSt	3	•
Harrogate	1029.8	0	N'W	2	o	54	92	5	2500	St	10	-	10	•
Spurn Head	1028.6	0	N'E	4	bc	56	92	7	4000	St (corrected in red to StCu)	3	-	3	2
Birmingham (Edgbaston)	1029.2	0	N,	2	mc+	59	65	4	4000	StCu	8	-	8	•
Cranwell	1029.0	0	NE'E	2	b-	57	85	8	4000	StCu	1	-	1	•
Gorleston	1027.2	0	NNE	4	bc	62	85	7	4000	Cu	3	A Cu	6	0
Valentia (Cahirciveen)	1030.8	-1	SW	2	b	58	65	8	-	-	0	A Cu	2	0
Roches Point	1030.4	-3	S	2	bcv	58	85	9	-	-	0	CiCu	3	0
Pembroke (St. Ann's H.)	1028.9	-2	N	3	bc-	55	85	8	2500	Cu	2	Ci	4	0
Ross-on-Wye	1028.1	-1	NNE	2	bc	60	75	8	4000	StCu	5	Ci	7	•
Leafield	1027.9	-1	N'W	2	b-	56	85	7	7200	StCu	1	Ci	1	•
Winchester (Worthy Dn.)	1027.4	0	N'W	2	b	61	65	8	4000	StCu	1	Ci	2	•
S. Farnborough	1027.3	+1	N	1	b-	60	75	7	-	-	0	Ci	1	•
London (Kew Obsy.)	1027.6	0	NNE	2	b	62	65	7	5700	Cu	1	Ci	2	•
Croydon	1027.5	0	NE'N	2	bc+	61	75	6	4000	StCu	5	A St	7	•
Shoeburyness	1027.0	0	-	0	bc/d	58	92	7	4000	Cu	5	A Cu	6	•
Clacton-on-Sea	1027.2	0	ENE	3	bc	62	75	7	4000	Cu	4	-	4	1
Felixstowe	1027.2	+1	NE	3	bc	60	75	7	2500	Cu	3	A Cu	4	1
Lympne	1026.0	+1	NE	3	bc-	58	85	6	1500	Cu	2	A Cu	4	•
Scilly (St. Mary's)	1029.8	+2	N'E	4	bc	58	85	7	4000	Cu	4	Ci	5	2
Falmouth (Pendennis)	1027.9	0	N'E	2	bc-	61	85	7	4000	Cu	4	CiSt	7	0
Plymouth (Cattewater)	1028.1	0	W	2	bc-	60	75	7	5700	Cu	4	Ci	5	0
Portland Bill	1026.8	-1	NNE	3	bc	64	55	8	2500	Cu	3	A St	6	1
Southampton (Calshot)	1027.0	-1	N	1	b-	64	55	7	-	-	0	Ci	1	0
Dungeness	1026.2	+2	NE	3	bc-	63	75	8	1500	StCu	4	-	4	3
Guernsey (Fort George)	1027.1	-1	NNE	2	bc-	60	85	8	4000	StCu	2	Ci	4	3

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

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	c	Cb	bwcw	66	52	39	-	-	6.3	•	•	•
Croydon	244	cfmz₀	bcz₀	bcbwh	65	50	40	-	Tr.	4.0	•	•	•
Greenwich (Royal Obsy.)	149	cbc	Cb	bbcbwm	67	52	38	-	-	4.5	67	81	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4.3	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	66	54	*	-		5.6	49	89	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	4.4	•	•	•
Camden Square	110	c	cbc	•	66	53	*	-	-	•	•	88	•
Kensington Palace	80	cbc	c	•	65	53	47	-	-	•	(At 18h) 67	84	•
Hampstead Observatory	450	•	•	•						4.6	•		•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 16th.

Station	Max.	Time.	Min.	Time.
South Kensington				
Kew Observatory	0.1	20h.15	<0.1	2h.16th

POLE STAR RECORD at Greenwich Obsy. Exposure from 15th 19 h. 0 m. to 16th 4 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9 45	4 49	49
δ Ursae Minoris	9.45	4.39	48

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.
16th & 17th September 1928.

STATIONS.	Sunrise. G.M.T	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.30 / 5.31	11.48 / 11.48	18.6 / 18.3
Greenwich	5.37 / 5.39	11.55 / 11.55	18.11 / 18.9
Wick	5.45 / 5.47	12.7 / 12.7	18.28 / 18.26
Valentia	6.18 / 6.20	12.36 / 12.36	18.53 / 18.50

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
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

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

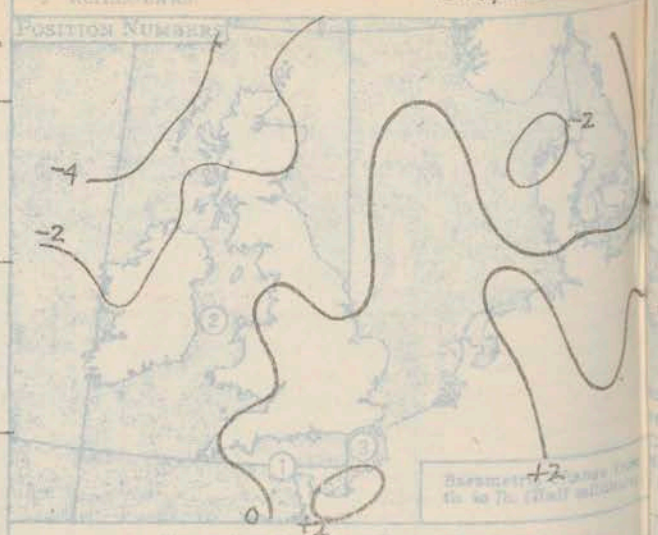
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 15th	Weather. 18h.-18h. 15th	Weather. 18h. 15th to 1h. 16th	Weather. 1h.-7h. 16th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm	Rainfall.† Night. 18h.-7h. began.	Sun 15th Hours.
Lerwick	cbc	bc	bcw	cw	59	48	•	-	-	-	-	7.5
Stornoway	c	c	c	c	59	54	•	-	-	0.1	6.30	7.7
Wick	c	bbc	bbc	bbc	57	52	•	-	-	-	-	•
Tiree	bbc	bcc	cbc	pdoc	60	50	45	-	-	Tr.	2.30	7.3
Nairn	bc	bc	bcw	bc	58	45	•	-	-	-	-	10.6
Aberdeen	r.cbcc	cbcb	b	bbcw	58	47	39	Tr	<8.00	-	-	3.1
Malin Head	bc	⊕ bc	bccebc	bcc	61	51	•	-	-	-	-	9.8
Renfrew	bcb3.	b3.c	cm.b	bm.bc	62	40	36	-	-	-	-	7.9
Edinburgh (Inchkeith)	r.r.c	cbc	bcb	bbcc	58	49	43	0.4	<8.00	Tr.	-	1.9
Leuchars	c	cbc	bcbw	bbcwm.	59	41	34	-	-	Tr.	-	3.9
Eskdalemuir	bcwcbc	bccbc	bcbw	bwcm.w	57	35	32	-	-	-	-	2.7
Tynemouth	coid.	oid.	obcb	bbcm	55	47	40	0.1	9.00	-	-	•
Blacksod Point ...	bc	bcc	c	cr	60	50	•	-	•	0.4	•	•
Donaghadee	bcb	b	bw	bbcw	59	47	•	-	-	-	-	•
Birr Castle	bc	bcc	bc	cm.	65	42	33	-	-	-	-	9.9
Holyhead	cbc	bcbv	bc.bw	bbcwm.	59	47	42	-	-	0.1	-	11.0
Liverpool (Bidston) ...	cbcv	bbccv	vcw	cb.mw	58	49	45	-	-	-	-	9.6
Chester (Sealand) ...	cbc	bc	bcbm.	bbcm	60	43	37	-	-	-	-	7.5
Harrogate	cFc	cbco	o	OFF	58	47	41	-	-	-	-	2.7
Spurn Head	bc	bcc/fcbc	bcfofo	bfacbofF	62	51	•	Tr.	P-	Trace	-	2.9
Birmingham (Edgbaston)	fbc	c	cm	mofe	61	47	41	-	-	0.2	-	0.4
Cranwell	ofmc	cbcb	bwffo	OF	64	48	40	-	-	-	-	5.0
Gorleston	bc	bc	bcfo.bc	bc	67	56	52	-	-	0.1	<21.00	6.2
Valentia (Cahirciveen)	bc	bcyb	o	bwvc	62	45	37	-	-	0.1	<21.00	10.3
Roches Point	bcv	bcv	bcvbw	bbcw	61	45	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	bc	bc	bc	bc	63	49	•	-	-	-	-	9.2
Ross-on-Wye	c	bc	bcmwc	offc	64	42	38	-	-	Tr.	-	5.2
Leafield	fbbc	bcb	bw	bfo	62	45	40	-	-	Tr.	2.30	6.3
Winchester (Worthy Dn)	bm.cbc	bcyby	bbc	bcc.w	66	43	32	-	-	Tr.	-	10.1
S. Farnborough ...	om.c	cbcyb	bbcm.	bcom.	67	42	31	-	-	-	-	6.0
London (Kew Obsy.) ...	c	cb	bw	bwcw	65	52	39	-	-	-	-	6.3
Croydon	cfw3.	cbc3.	bcbwom	am.wFm	65	50	40	-	-	Tr.	-	4.0
Shoeburyness	bcc	cod.c	b	om	60	50	45	Tr	4.30	-	-	5.1
Clacton-on-Sea ...	bc	bccbc	bcb	bbcm	67	54	51	-	-	-	-	5.1
Felixstowe	bc	bcbbc	bcw	bcw	67	52	47	-	-	-	-	8.3
Lympne	bc	bcycbcm.	bcm.w	bcmwbcm	67	51	45	-	-	Tr.	-	6.4
Scilly (St. Mary's) ...	bcp.bc	bc	bc	bc	64	51	•	Tr.	3.40	800	-	9.8
Falmouth (Pendennis)	bc	bcc	bc	bcfb	65	51	•	-	-	-	-	5.0
Plymouth (Cattewater)	bcc3.	bccy	bcb	bwo Fe	69	48	40	-	-	Tr.	-	5.1
Portland Bill	bc	bc	bcbz.	bbcz.	67	53	•	-	-	-	-	•
Southampton (Calshot)	bm.bcy	bcvby	bybw	bwcm.	69	50	44	-	-	Tr.	<21.00	10.8
Dungeness	cffbc	bcbc	bcz.bz.	bmmcz	68	51	•	-	-	-	-	•
Guernsey	bc	bcbcl	bcb	bbcw	63	57	•	-	-	Tr.	-	

ISALLOBARS. 16th September.

POSITION NUMBERS



Barometric changes for the 24 hrs. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	16th 10h	Hibernia	N	5	c	54	55	5
1	" 12h	St. Helier	NE	5	bc+	61	61	7

GENERAL INFERENCE.

A depression W. of Iceland with a trough extending southward to Southwest Ireland is moving northeast, while a belt of high pressure stretches from S.W. England to Northern Scandinavia. In the West and North wind will be from between south and southwest, strong at times locally, and weather rather unsettled with some rain at times. Elsewhere quiet, fair weather will continue with fog at many places at night and early morning.

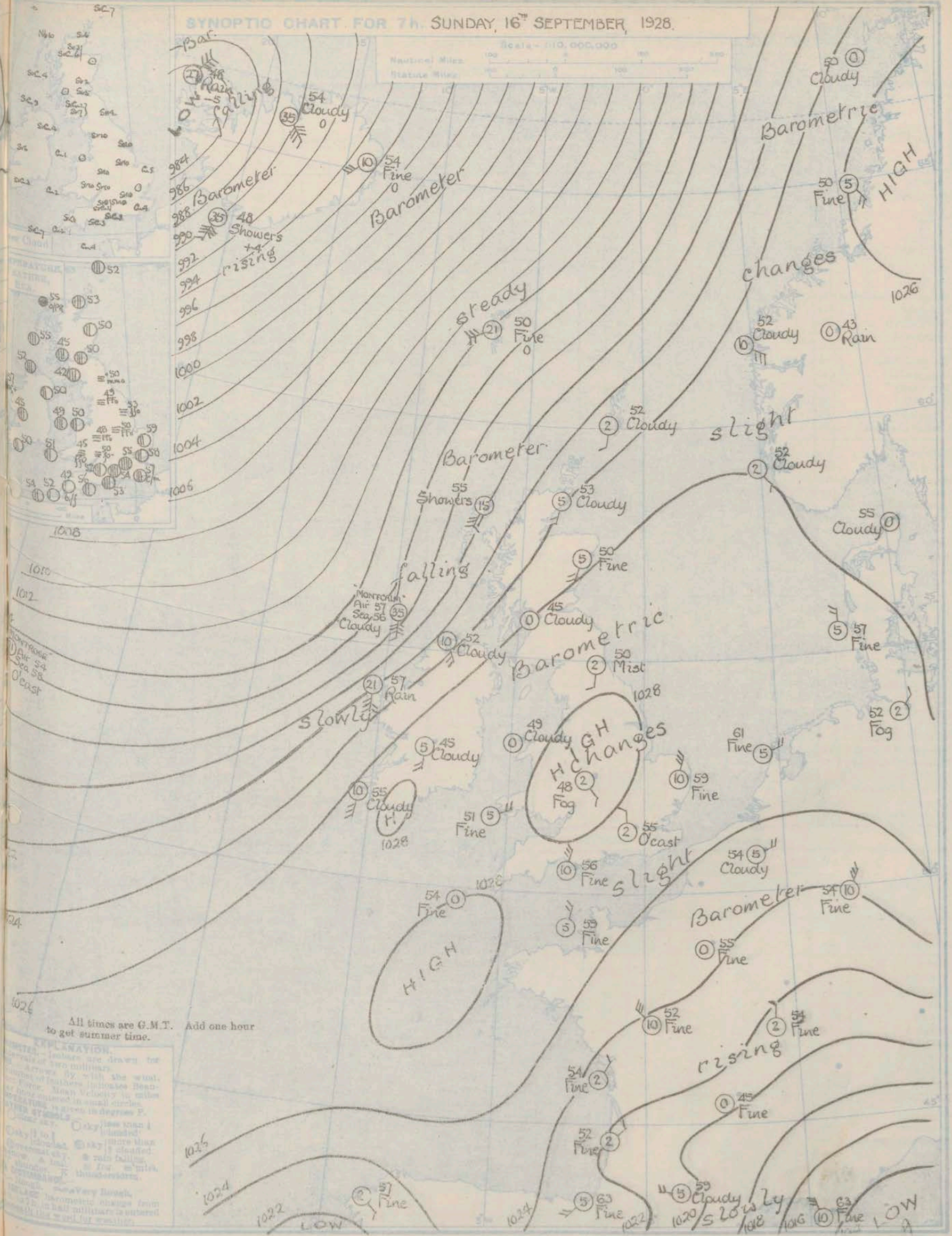
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 16th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Variable winds, light or moderate; fair; fog locally night and morning; moderate temperature during day, ground frost locally inland in early morning.	Little change.
10. N.E. England 11. S.E. Scotland	Wind mainly S.W., moderate; fair; temperature moderate to rather high.	
12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland)	Wind between S. and S.W., fresh or strong at times locally; mainly cloudy, some rain or showers; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland	Wind southwesterly, moderate or fresh; bright periods, perhaps some rain; temperature moderate to rather high.	
16. Orkneys and Shetlands	As 12 - 13B.	
17. N.W. Ireland		
18. N.E. Ireland	As 10 - 11.	
19. S.E. Ireland 20. S.W. Ireland	Wind variable becoming southwesterly, light or moderate; variable sky; moderate temperature.	

C.L.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 12.00 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

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



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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday. 16th. September.....1928. No. 260..

Observations at 1h. 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	54	1026.0	-1	SW	1	bc	51	92	8	1500	Cu	3	-	3	
Stornoway	30	1022.7	-3	SW	5	C	*	*	6	*	*	*	*	10	
Wick	81	1025.5	-3	SSW	2	bc	53	97	8	2500	Strat	3	-	3	
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	
Nairn	33	*	*	*	*	*	*	*	*	*	*	*	*	*	
Aberdeen	27	*	*	*	*	*	*	*	*	*	*	*	*	*	
Malin Head	31	1026.6	-3	SSW	3	bc	53	85	8	5700	Strat	4	Acu	6	
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	
Edinburgh (Inchkeith)	196	1028.0	-2	W	1	bc	52	92	8	800	St	*	Ast	3	
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	
Tynemouth	67	1029.1	-2	-	0	b	49	97	6	1500	St	2	-	2	
Blacksod Point ...	13	1025.1	-3	S	5	C	58	75	6	*	-	0	Ast	8	
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	
Holyhead	26	1028.8	-2	-	0	b	49	97	6	-	-	0	-	0	
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	
Harrogate	476	*	*	*	*	*	*	*	*	*	*	*	*	*	
Spurn Head	29	1028.7	0	NNE	2	0+	53	97	6	800	St	10	-	10	
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	
Cranwell	236	1029.7	0	NE	2	SSO	52	97	3	2500	St	10	-	10	
Gorleston	14	1027.7	0	NE	3	bc	60	92	7	2500	Cumu	2	Ast	4	
Valentia (Cahirciveen)P	30	1029.0	-5	SE	2	C	57	92	8	-	-	0	Ast	10	
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	
Pembroke (St. Ann's H.)	150	1028.5	+1	NW	2	bc-	52	92	8	2500	Cu	3	-	3	
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	
Leafield	812	*	*	*	*	*	*	*	*	*	*	*	*	*	
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obsy.) ...	18	*	*	*	*	*	53	*	*	*	*	*	*	*	
Croydon	244	1028.3	0	NE	2	0	51	97	5	450	St	10	-	10	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lympne	350	1026.9	+1	N	3	bc+	55	97	6	1500	St	6	-	6	
Scilly (St. Mary's) ...	163	1028.9	-1	NE	2	bc	54	92	7	4000	Cu	4	-	4	
Falmouth (Pendennis)	200	1028.5	0	N	3	bc-	55	97	7	4000	Strat	4	-	4	
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	
Portland Bill	32	1027.6	0	NNE	3	b	55	85	6	-	-	0	-	0	
Southampton (Calshot)	10	1029.1	0	NW	1	b	53	85	8	-	-	0	-	0	
Dungeness	20	1026.5	-1	NNE	2	b-	53	97	6	-	-	0	Cirr	2	
Guernsey (Fort George) P	295														

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	1022.8	-2	S	1	C	52	85	8	2500	Strat	7	Acu	9	
Stornoway	1019.2	-4	SSW	4	O/PR	55	92	7	2500	Nb	10	-	10	
Wick	1024.0	-2	SSW	2	C	53	92	8	2500	St	6	Ast	8	
Tiree	1022.1	-2	S	4	C	55	85	8	2500	Strat	4	Ast	10	
Nairn	1022.7	*	-	0	bc	47	85	7	1500	St	6	-	6	
Aberdeen	1025.2	-2	SSW	2	bc+	50	92	7	-	-	0	Acu	6	
Malin Head	1023.5	-3	SSE	3	C	52	85	8	5700	Strat	9	-	9	
Renfrew	1026.3	-1	-	0	C	45	97	5	-	-	0	Ast	9	
Edinburgh (Inchkeith)	1027.1	-1	W	1	C	50	92	7	800	St	5	Acu	8	
Leuchars	1025.9	-2	SW	1	bc	47	97	6	4000	St	2	Ci	5	
Eskdalemuir	1027.2	0	-	0	C	42	97	6	800	St	9	-	9	
Tynemouth	1027.5	-1	S	1	mmbc	50	92	4	800	St	4	Acu	6	
Blacksod Point ...	1022.3	-3	S	5	Ofg+	57	85	6	*	Nb	10	-	10	
Donaghadee	1025.8	-1	W	2	bc+	50	85	8	5700	Strat	4	Ci	6	
Birr Castle	1026.8	*	S	2	C+	45	97	6	450	St	6	Cirr	8	
Holyhead	1027.3	-1	-	0	C+	49	97	6	2500	Cu	1	Ci St	8	
Liverpool (Bidston) ...	1027.8	0	SSE	2	bc+	50	92	6	-	-	0	Acu	3	
Chester (Sealand) ...	1027.9	0	SSE	2	mmbc	46	97	4	-	-	0	Ci	7	
Harrogate	1028.6	0	-	0	FFo	49	97	1	4150	St	10	-	10	
Spurn Head	1028.0	0	NNE	2	SSO	53	97	2	1500	St	10	-	10	
Birmingham (Edgbaston)	1029.4	+1	ESE	1	FFo	48	97	1	4150	St	10	-	10	
Cranwell	1029.2	0	NNW	1	FFo	50	97	1	4150	St	10	-	10	
Gorleston	1027.0	0	NNE	3	bc	59	85	6	4000	Cu	5	Acu	7	
Valentia (Cahirciveen)P	1027.0	-1	SW	3	C	55	85	8	1500	St	5	Ast	10	
Roches Point	1028.2	-1	N	2	bc	50	97	8	2500	Strat	3	Ci St	5	
Pembroke (St. Ann's H.)	1027.3	-1	ENE	2	bc	51	92	8	4000	Cu	2	Ci	4	
Ross-on-Wye	1028.2	-1	N	1	SSO	45	97	2	4150	St	10	-	10	
Leafield	1028.4	+1	E	2	SO-	50	97	4	4150	St	10	-	10	
Winchester (Worthy Dn.)	1027.8	0	NNW	1	C	52	97	8	1500	St	10	-	10	
S. Farnborough ...	1027.4	0	N	1	O	54	97	6	1500	St	10	-	10	
London (Kew Obsy.) ...	1027.5	+1	N	1	O	55	92	6	800	St	10	-	10	
Croydon	1027.6	+1	NNE	2	mmo	54	97	4	220	St	10	-	10	
Shoeburyness	1027.1	0	N	3	SC-	55	97	5	800	St	2	Acu	8	
Clacton-on-Sea ...	1026.8	0	NNW	3	Stbc-	54	97	4	-	-	0	Acu	3	
Felixstowe	1027.0	0	N	3	bc	58	92	7	-	-	0	Acu	3	
Lympne	1026.1	-1	NE	3	bc+	57	97	6	1500	Cu	0	Cirr	7	
Scilly (St. Mary's) ...	1027.9	-1	-	0	bc	54	97	7	4000	Strat	7	-	7	
Falmouth (Pendennis)	1027.9	-1	N	2	b-	52	97	7	4000	Cu	2	-	2	
Plymouth (Cattewater)	1028.2	+1	NNE	1	b/f	49	92	6	4150	St	1	Ci	1	
Portland Bill	1027.1	0	NNE	3	bc+	56	85	6	2500	Strat	3	Cirr	5	
Southampton (Calshot)	1027.8	+1	NW	3	C-	53	92	7	2500	Strat	9	-	9	
Dungeness	1026.7	+1	N-	2	C/m	57	97	6	2500	Cu	4	Cirr	8	
Guernsey (Fort George) P	1027.1	0	NNE	2	bc+	59	92	7	2500	Cu	4	-	4	

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-14th. to 9h. 15th. °F.	Temperature. Max. 9h.-17th. 15th. °F.	Rainfall.† Night 17h.-9h. 14th.-15th. mm.	Rainfall.† Day 9h.-17h. 15th. mm.	Sunshine. Sunrise to 17h. 15th. hr.	Sunshine. Sunrise to Sunset. 14th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	oc	c	50	55	20	-	2.0	10.7
Douglas (I. o. M.) ...	c	bcb	51	?	1	-	8.4	4.3
Llandudno ...	c	bc	56	61	1	-	6.9	7.1
Colwyn Bay ...	cb	bcb	55	60	-	-	4.2	7.7
Rhyl	bc	bc	53	59	0.1	-	7.0	8.2
Wallasey	bcb	b	55	63	-	-	8.0	7.5
Southport	cbc	bbc	* 55	61	-	-	8.8	8.2
Blackpool	cbc	bcc	54	63	-	-	8.5	8.3
Ilkley	cbc	c	47	60	-	-	1.1	5.8
Cleethorpes	p	b	50	61	-	(Trace)	5.8	11.1
Skegness	bbcfec	bcbcc	48	62	Trace	-	5.1	10.7
Aberystwyth ...	cbc	bbc	50	64	-	-	7.5	7.9
Bath	b	bbcz	45	65	-	-	8.5	6.6
Cheltenham‡ ...	om	om	45	63	-	-	~~2.0~~	9.3
Leamington Spa ...	cm	bc	42	64	-	-	4.0	7.1
Lowestoft	bbc	bccbc	59	64	-	-	6.8	10.7
Harwich & Dovercourt	bc	bc	52	67	-	-	7.5	10.5
Maldon	bcc	c	51	64	-	-	3.4	10.2
Southend	bbc	ocr	51	67	-	0.5	4.3	11.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cbcb	b	54	67	-	-	7.7	7.2
Bude	wb	b	54	67	-	-	8.5	8.4
Penzance	b	b	56	68	-	-	9.6	6.2
Paignton	wbz	bbz	53	67	-	-	8.9	8.5
Torquay	bwm	b	53	67	-	-	9.2	8.7
Jersey	bo	b	56	67	-	-	10.1	10.3
Weymouth	b	b	49	69	-	-	8.1	9.9
Bournemouth ...	b	b	45	68	-	-	10.0	9.0
Ventnor ...	bz	bz	50	67	-	-	10.2	10.4
Portsmouth (S'thsea)	b	b	50	69	-	-	10.1	10.0
Bognor	b	b	52	67	-	-	10.3	10.7
Littlehampton ...	b	bc	50	67	-	-	8.8	10.6
Worthing	bbc	bc	51	67	-	-	8.1	10.6
Brighton	bbc	bcc	51	69	-	-	7.5	10.7
Eastbourne‡	bbc	c	51	67	-	-	6.0	10.5
Hastings‡	bcc	cbcc	51	68	-	-	4.2	10.8
Folkestone	c	cbc	54	71	-	-	6.4	9.9
Dover	ybcb	bbccbc	54	69	-	-	6.6	10.1
Tunbridge Wells ...	cbbc	bcopo	48	69	-	Trace	4.4	11.0
Ramsgate	b	bbc	59	69	-	-	5.4	10.8
Margate	bc	bc	60	65	-	-	6.7	11.1
Deal	b	bcc	56	70	-	-	5.7	9.2

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24406 Monday 17th September 1928. Page 1.

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

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1019·2	-2	S	2	c+	53	92	8	1500	St.Cu	4	A.St	10	•
Stornoway	1017·0	-1	SSW	3	o/PR	52	97	7	2500	Nb	10	-	10	•
Wick	1018·7	-3	SW	3	c	56	92	8	2500	St.Cu	6	A.St	10	•
Tiree	1019·3	-3	S'W	5	or₀	54	97	6	450	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1021·9	-3	SSW	3	c	59	75	7	-	-	0	Ci.St	8	1
Malin Head	1020·8	-2	S	4	c	56	85	7	4000	St.Cu	7	A.St	9	•
Renfrew	1023·4	-3	S	2	c	57	85	7	2500	St.Cu	6	A.St	10	1
Edinburgh (Inchkeith)	1023·3	-3	SW	3	c	57	75	8	1500	St	3	A.St	10	•
Leuchars	1023·3	-3	SW	3	c	58	75	7	2500	St.Cu	2	A.St	10	1
Eskdalemuir	1024·2	-3	SSW	4	c	56	75	8	2500	St.Cu	7	A.St	10	1
Tynemouth	1024·5	-2	SSW	2	bc/m	61	75	6	800	St	5	A.Cu	7	•
Blacksod Point	1021·5	-1	NW	2	od+	53	92	5	•	Nb	10	-	10	•
Donaghadee	1023·7	-2	SW	2	c°	56	75	8	4000	St.Cu	5	A.St	8	•
Birr Castle	1025·1	•	SE	2	cdd₀	47	85	6	1050	St.	9	-	9 (corrected)	•
Holyhead	1026·3	-2	SW	3	c	59	75	8	2500	St.Cu	2	A.Cu	~~10~~ 9	0
Liverpool (Bidston)	1026·2	-2	-	0	c	61	75	6	4000	St	8	A.Cu	9	•
Chester (Sealand)	1026·0	-4	SE'E	2	c+	63	85	6	4000	Cu	4	A.Cu	9	0
Harrogate	1026·0	-3	S	3	mmbc	59	75	4	<150	St	5	A.Cu	7	•
Spurn Head	1026·8	-1	NW'W	1	bc	59	75	6	4000	Cu	5	Ci.Cu	6	•
Birmingham (Edgbaston)	1028·1	-1	S	2	c-	54	85	7	1500	St	9	-	9	0
Cranwell	1028·0	-2	SW'W	2	c-	60	75	7	2500	St.Cu	9	-	9	0
Gorleston	1026·8	0	NE'E	2	c	62	75	6	4000	Cu	9	-	9	•
Valentia (Cahirciveen)	1024·9	-1	S'W	3	c	59	75	8	1500	St	5	A.St	10	0
Roches Point	1026·3	-4	SW	3	c	59	85	8	1500	St.Cu	10	-	10	•
Pembroke (St. Ann's H.)	1026·6	-1	WSW	1	c+	59	75	8	4000	Cu	6	A.Cu	8	•
Ross-on-Wye	1026·9	-1	NE	2	bc-	57	85	6	2500	St	3	-	3	0
Leafield	1026·9	-2	NW	1	c-	60	75	7	4000	Cu	7	Ci.Cu	8	0
Winchester (Worthy Dn)	1027·3	-1	NE	1	bc	62	75	8	2500	Cu	5	Ci.Cu	6	0
S. Farnborough	1026·4	-2	NNE	1	bc	67	55	7	2500	Cu	4	-	4	0
London (Kew Obsy.)	1026·9	-2	E	1	bc	63	65	6	4000	Cu	7	-	7	0
Croydon	1027·0	-2	-	0	bc-	63	75	6	4000	Cu	6	-	6	0
Shoeburyness	1026·9	-1	NE	3	bc	65	75	6	2500	Cu	6	-	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1026·6	-1	ENE	2	bc	67	65	8	2500	Cu	4	A.Cu	6	0
Lympne	1025·2	-2	NNE	3	c/pr₀	62	85	6	1500	Cu	9	-	9	5
Scilly (St. Mary's)	1027·8	0	N	1	bc	62	75	7	-	-	0	Ci.St	5	•
Falmouth (Pendennis)	1026·6	-1	NNW	1	bc	63	75	6	4000	Cu	4	A.Cu	6	•
Plymouth (Cattewater)	1027·1	-2	SSW	3	bc+	65	75	6	4000	Cu	1	Ci	6	0
Portland Bill	1026·7	0	NE	2	bc	60	75	6	2500	Cu	3	Ci.St	7	•
Southampton (Calshot)	1027·0	-1	NW	1	bc-	66	55	7	4000	Cu	6	-	6	0
Dungeness	1026·5	0	N	3	c+	65	75	7	2500	St.Cu	8	-	8	•
Guernsey (Fort George)	1027·2	-1	NE	3	bc-	61	85	7	2500	Cu	5	-	5	•

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1016·6	-3	S	1	c	53	92	8	1500	St.Cu	8	A.Cu	9	•
Stornoway	1016·9	0	WSW	2	bc	55	75	7	4000	Cu	7	-	7	1
Wick	1017·6	-1	SW	2	c/r	54	92	8	1500	Nb	6	Ci.St	8	0
Tiree	1019·1	0	SSW	3	bcjp	53	97	8	2500	Cu.Nb	3	Ci.Cu	5	1
Nairn	[illegible]	•	-	0	cr	56	75	8	2500	Cu.Nb	8	-	8	•
Aberdeen	1020·3	-2	S'W	2	c	55	85	7	-	-	0	A.St	9	0
Malin Head	1020·5	+1	WSW	3	cdd	52	97	5	2500	Nb	9	A.Cu	9	2
Renfrew	1021·4	-2	SW	3	c	57	75	8	-	-	0	A.St	10	•
Edinburgh (Inchkeith)	1021·4	-2	SW	3	c-	57	65	8	4000	Cu	3	A.Cu	8	1
Leuchars	1020·9	-2	SSW	2	c	56	75	8	4000	St.Cu	8	A.St	9	•
Eskdalemuir	1023·0	-1	SSW	3	c	52	85	8	1500	St	8	-	8	•
Tynemouth	1023·2	-1	SW	2	bc	59	65	6	800	St	5	Ci	7	0
Blacksod Point	1020·3	-1	-	0	bc	55	75	8	•	St.Cu	7	-	7	2
Donaghadee	1022·1	-1	SW	2	c	55	85	8	4000	St.Cu	4	A.St	8	2
Birr Castle	1022·6	•	S	2	cdd₀	58	85	6	1050	St.	9	-	9	•
Holyhead	1024·4	-1	SW'S	4	c	57	85	8	1500	St.Cu	3	A.St	9	1
Liverpool (Bidston)	1024·8	-1	-	0	c	58	85	7	-	-	0	A.St	10	•
Chester (Sealand)	1024·9	0	-	0	c	57	85	6	5700	St.Cu	3	Ci	9	•
Harrogate	1025·2	-1	SW'S	1	c	56	75	7	-	-	0	A.St	9	•
Spurn Head	1025·7	-1	SE'S	3	c	58	92	7	4000	Nb	5	Ci.Cu	8	1
Birmingham (Edgbaston)	1026·2	-1	S	2	bc+	58	75	6	2500	Cu	1	Ci	7	•
Cranwell	1026·3	-2	-	0	c	55	92	6	-	-	0	Ci.St	9	•
Gorleston	1026·1	0	-	0	b-	61	85	6	5700	St.Cu	2	-	2	0
Valentia (Cahirciveen)	1023·2	-2	S	3	cr₀	57	92	6	450	St	8	A.St	10	3
Roches Point	1025·0	-2	SW	3	c°	59	85	8	1500	St.Cu	10	-	10	0
Pembroke (St. Ann's H.)	1025·4	-2	WSW	2	c	58	75	8	2500	St.Cu	6	A.St	9	0
Ross-on-Wye	1025·7	-1	S'W	1	c	59	85	6	-	-	0	A.St	10	•
Leafield	1026·2	-1	WSW	1	c+	57	75	8	-	-	0	A.Cu	8	•
Winchester (Worthy Dn)	1026·3	-1	-	0	bc	61	75	8	-	-	0	Ci	7	•
S. Farnborough	1025·7	-2	NW	1	bc+	58	85	7	-	-	0	A.St	3	•
London (Kew Obsy.)	1026·2	0	NNW	1	bc	62	65	7	4000	St	2	Ci.Cu	4	•
Croydon	1026·4	+1	-	0	b+	60	75	5	-	-	0	A.Cu	2	•
Shoeburyness	1026·5	-1	-	0	bc-	58	92	6	-	-	0	A.Cu	3	•
Clacton-on-Sea	1026·1	0	ESE	2	bc	62	85	7	-	-	0	A.Cu	2	1
Felixstowe	1026·5	0	-	0	bc	61	85	8	4000	Cu	4	A.Cu	5	0
Lympne	1025·8	+1	E	2	b-	57	85	6	-	-	0	A.Cu	2	•
Scilly (St. Mary's)	1027·0	-1	-	0	c	57	85	7	4000	St.Cu	9	-	9	1
Falmouth (Pendennis)	1026·1	-1	NNW	2	c	59	85	7	4000	St.Cu	5	Ci.St	10	0
Plymouth (Cattewater)	1026·5	0	SSW	2	c+	60	92	6	-	-	0	Ci.St	9	0
Portland Bill	1026·1	-1	W	2	bc	59	85	6	4000	St.Cu	3	Ci	7	0
Southampton (Calshot)	1026·1	0	W'S	1	bc	63	75	7	4000	Cu	1	Ci	3	0
Dungeness	1025·8	0	E	3	bc-	63	75	7	2500	Cu	2	Ci.St	5	2
Guernsey (Fort George)	1026·8	0	N	1	bc-	57	92	7	-	-	0	Ci	3	0

LONDON OBSERVATIONS. Day: 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations. 24 Hours ended 9h.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbc	bc	bwf	66	47	39	-	-	5·8	•	•	5
Croydon	244	bmcmc	bcyz	bwmz	69	49	41	Tr	-	5·5	•	•	6
Greenwich (Royal Obsy.)	149	c	bcz	bcbw	69	46	34	-	-	4·9	62	76	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4·7	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	66	54	-	-	-	5·1	49	89	•
Regent's Pk. (Botanic Gdns).	165	•	•	•	•	•	•	•	•	4·8	•	•	•
Camden Square	110	oc	bcb	•	70	50	-	-	-	•	•	33	•
Kensington Palace	80	o	bc	•	68	49	41	-	-	•	(At 18h) 67	77	•
Hampstead Observatory	450	•	•	•	66	50	38	-	0·1	6·4	•	54	-

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 17th.

Station	Max.	Time.	Min.	Time.
South Kensington	0·6	7h. 17th	<0·3	17h. 16th
Kew Observatory	0·2	7h. 17th	<0·1	17h. 16th

POLE STAR RECORD at Greenwich Obsy. Exposure from 16th 19 h. 00m. to 17th 7 h. 5m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	9·45	7·58	82
δ Ursae Minoris	9·45	7·32	77

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 17th & 18th September, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·31 / 5·33	11·48 / 11·47	18·3 / 18·0
Greenwich	5·39 / 5·41	11·55 / 11·54	18·9 / 18·7
Wick	5·47 / 5·49	12·7 / 12·7	18·26 / 18·23
Valentia	6·20 / 6·21	12·36 / 12·35	18·50 / 18·48

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY. Objects not visible at

Code	Distance
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	3⅞ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

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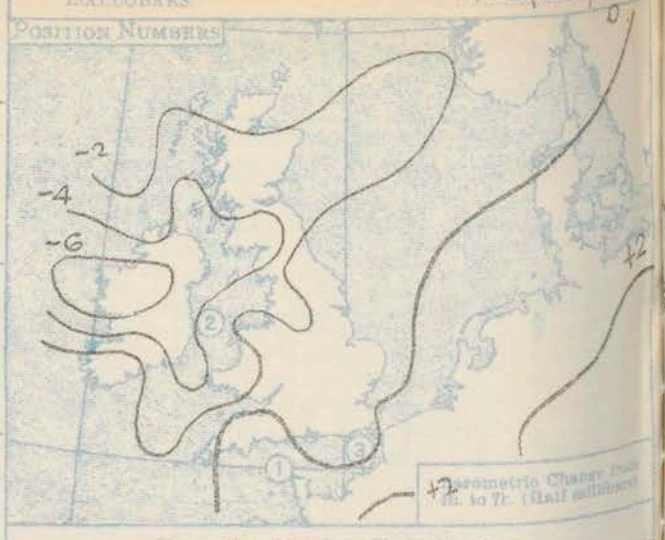
SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 16th	Weather. 18h.-18h. 16th	Weather. 18h. 16th to 18h. 17th	Weather. 18h.-7h. 17th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day 7h.-18h. mm.	Rainfall.† Day 7h.-18h. began.	Rainfall.† Night 18h.-7h. mm.	Rainfall.† Night 18h.-7h. began.	Sun 16th Hours
Lerwick	c	c	c ir.	c ir r.	54	48	•	–	–	1	21.00	0.0
Stornoway	p	pr bc	c	o	57	48	•	4	18.00	–	–	2.5
Wick	c	c r. r	c pr c	c	56	47	•	2	14.30	0.3	22.00	•
Tiree	c r. b	r. o b c	b d	c p d	55	50	45	15	18.00	1	21.00	0.2
Nairn	b c p r	r c b c c	c p r	c	59	44	•	1	12.30	0.6	21.00	0.6
Aberdeen	b c c	c c r. c	c i. c	c o r r m.	60	53	50	Tr.	15.30	4	21.00	1.6
Malin Head	c p.	c i r m c d d m	c d. c	c r.	58	49	•	2	11.00	1	21.00	0.0
Renfrew	c m. c	c	c d.	o r r m.	59	53	52	–	–	11	21.00	0.0
Edinburgh (Inchkeith)	c	c	c b c c	c r r	58	53	50	–	–	1	3.30	1.3
Leuchars	b c w c	c	c	c o r r m.	59	52	49	–	–	4	4.30	1.5
Eskdalemuir	o m w c	c b c c	b c c	c r r. m.	56	49	47	–	–	2	2.30	0.0
Tynemouth	b c m	b c	b c	b c o i r.	62	53	46	–	–	0.2	5.30	•
Blackpool Point ...	r. D	D c	d.	d.	58	50	•	4	•	6	•	•
Donaghadee	b c c	c	c o i r	o r r z.	58	53	•	–	–	16	24.00	•
Birr Castle	c d. d.	c i d.	c i r.	c i r m.	59	55	52	0.1	11.00	5	21.00	0.0
Holyhead	c m. c	c	c b c	c r r.	60	57	54	–	–	3	4.30	1.3
Liverpool (Bidston) ...	b c c m.	c m.	c b c w	c w r.	61	52	46	–	–	0.1	5.30	4.2
Chester (Sealand) ...	b c c m m	c z.	c b c m.	b c c m.	65	57	43	–	–	0.3	4.30	2.7
Harrogate	o F c b c m	c m b c c	c o	o c	63	51	49	–	–	–	–	2.9
Spurn Head	b c	b c c	o c	c	61	53	•	–	–	–	–	3.7
Birmingham (Fôgbaston)	f m o	b c b	b c c	c b c	61	52	46	–	–	–	–	1.9
Cranwell	o f c	c	m c b c	b c m. c	62	49	44	–	–	–	–	1.4
Gorleston	b c c	c b c	b c b w	b w b c	63	53	50	–	–	Tr.	21.00	3.0
Valentia (Cahirciveen)	c	c i r.	o r r	o i r. c	59	57	56	1	14.30	8	21.00	0.0
Roches Point	b c c	c p. c	c	c w	60	57	•	Tr.	13.30	Tr.	–	•
Pembroke (St. Ann's H.)	b c c	c	c	c p. q	60	57	•	–	–	Tr.	4.30	2.0
Ross-on-Wye	f c o m c m	b z c z	c w	c b c c	63	55	49	–	–	–	–	2.2
Leafield	m e c	b c	b c w	c	62	47	44	Tr.	18.00	–	–	4.0
Winchester (Worthy Dn.)	c b c	b c	b c b	b b c w b g f	67	42	33	–	–	–	–	4.7
S. Farnborough ...	o m. b c y	b c y b	b c b m.	b m g f b b c m m	69	45	33	–	–	–	–	3.5
London (Kew Obsy.) ...	c b c	b c	b w f	b f w	66	47	39	–	–	–	–	5.8
Croydon	o m c m c z.	b c y z	b m. w	b w m. m	69	49	44	Tr.	–	–	–	5.5
Shoeburyness	c	c b c	b	b c f	68	40	34	–	–	–	–	6.8
Clacton-on-Sea ...	b c m b c	b c	b c b	b b c m	67	51	46	–	–	–	–	8.7
Felixstowe	b c	b v b c	b c b	b m w b c	67	49	39	–	–	Tr.	–	10.0
Lympne	b c m g p r m	c m. b c b	b m. b F w	b F w o F	66	48	34	0.1	11.00	Tr.	–	6.0
Scilly (St. Mary's) ...	b c c b c	b c c	c	c	64	55	•	–	–	–	–	4.0
Falmouth (Pendennis)	b b c z.	b c z. c	c	c b c	64	55	•	–	–	–	–	6.0
Plymouth (Cattewater)	b b c m.	b c c z.	c b m.	b m c w	65	51	46	–	–	Tr.	–	8.5
Portland Bill	b c c b c z.	b c z.	b c c	c z.	62	58	•	–	–	–	–	•
Southampton (Calshot)	c b c y	b c y	b w	b w b c m.	70	51	37	–	–	Tr.	21.00	7.9
Dungeness	b c z. b c c	c b c	b c b z f	b c f f w	68	45	•	–	–	–	–	•
Guernsey	b c	b c	b c b w	b w	64	55	•	–	–	Tr.	–	

ISALLOBARS — 17th September



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
3	16th 1h.	BRIGHTON	NNE	2	bc	62	63	9

GENERAL INFERENCE.

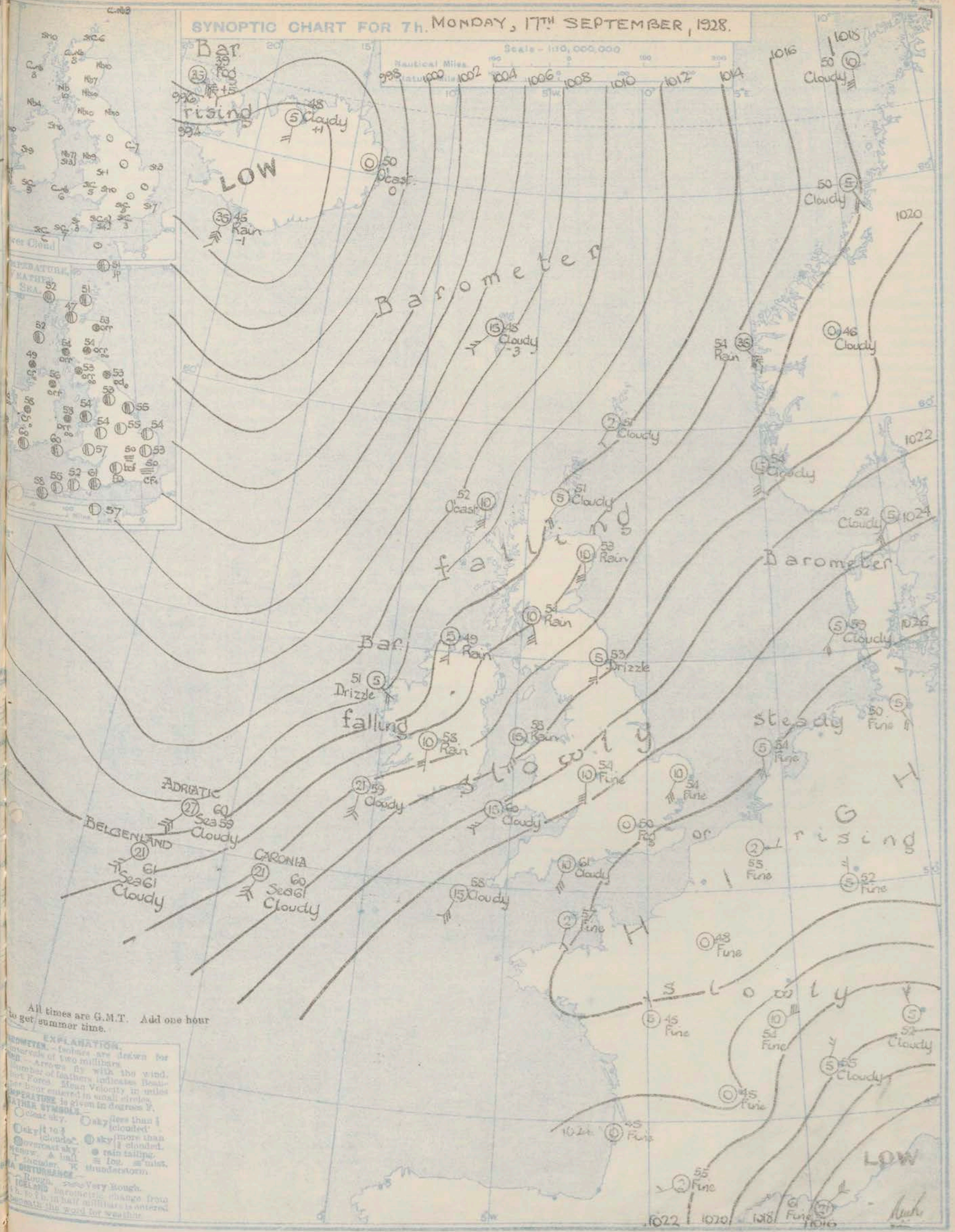
A large depression centred over Iceland is remaining almost stationary but secondaries to it will move northeastwards across the British Isles. Some rain is likely in Scotland, Ireland, Wales and Northern England but in Southeastern England the weather should continue fair with a rather high day temperature.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 17th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate southerly to southwesterly winds; fair; rather warm during day, cool at night.	Unsettled in western and northern districts but continuing fair in South-eastern England.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate southerly to southwesterly winds; cloudy; perhaps some rain later; rather warm.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Fresh southerly to southwesterly winds; cloudy, some rain; rather warm.	
13. (A.W. Scotland (B.N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Fresh southerly winds; cloudy, some rain; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh southerly winds, strong at times, veering to westerly later; some rain at first, brighter intervals and showers later; rather warm to-day, cooler to-morrow.	W.H.P.

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

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

SYNOPTIC CHART FOR 7h. MONDAY, 17TH SEPTEMBER, 1928.



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—
○ clear sky. ◐ sky less than ½ clouded. ◑ sky ½ to ¾ clouded. ◑ sky more than ½ clouded. ⊘ overcast sky. ● rain falling. ≡ fog. ≡ mist. ⊘ snow. ▲ hail. ⚡ lightning. K thunderstorm.

SEA DISTURBANCE.—
Rough. Very Rough.

ICELAND barometric change from 7 h. to 7 h. in half millibars is entered beneath the word for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday..17th..September.....1928. No. 261....

Observations at 1h. 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1014.6	0	-	0	crc	51	92	7	1500	Nb	5	ASt	10
Stornoway	58	1015.7	-1	SW	2	bc	*	*	7	*	*	*	*	7
Wick	81	1017.1	-1	WSW	2	c	47	97	8	1500	St	6	ASt	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	52	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1018.5	-3	S	3	c	51	92	8	5700	StCu	10	-	10
Renfrew	58	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	193	1019.3	-2	SW	3	c	55	85	8	1500	St	4	ASt	8
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1021.7	-1	SW	3	bc	54	75	7	800	St	3	-	3
Blacksod Point ...	18	1018.2	-2	-	0	od	54	75	6	*	Nb	10	-	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1022.4	-2	SSW	4	c+	57	85	7	1500	StCu	8	-	8
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1024.5	-1	SW	3	c	56	85	6	2500	St	8	-	8
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1026.0	0	SW	2	bc-	59	97	6	4000	St	3	-	3
Gorleston	14	1026.3	-2	SW'S	2	b	56	92	7	-	-	0	-	0
Valentia (Cahirciveen) P	30	1019.7	-5	SSW	4	odd	59	92	6	*	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	166	1024.3	0	SW	3	c	58	85	8	1500	StCu	6	ACu	9
Ross-on-Wye	225	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	812	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	-	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	52	*	*	*	*	*	*	*
Croydon	244	1026.2	-1	SSW	3	b+	53	92	6	-	-	0	Ci	2
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1026.4	+1	SE'S	2	Ffb	53	97	0	-	-	0	-	0
Scilly (St. Mary's) ...	163	1026.5	-1	SW	3	c	57	85	8	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1026.1	-1	-	0	c	56	85	7	4000	StCu	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1025.7	-1	SSW	1	c+	60	85	8	2500	StCu	8	CiSt	10
Southampton (Calshot)	10	1026.0	0	WNW	1	b	54	92	7	-	-	0	-	0
Dungeness	20	1026.0	-1	NE	2	fbc-	48	92	3	220	St	7	-	7
Guernsey (Fort George) P	295													

Observations at 7h. G.M.T...17th.....

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1013.2	-1	SW	1	c7p	51	92	7	1500	CuNb	3	A.St.	8	*
Stornoway	1011.6	-2	S	3	0	52	92	7	2500	St.	10	-	10	2
Wick	1014.2	-2	SW	2	c	51	92	8	2500	StCu	6	A.St.	10	0
Tiree	1013.4	-4	SSW	2	c+	52	92	8	1500	CuNb	5	A.St.	10	1
Nairn	1013.0	*	-	0	c	47	92	8	2500	CuNb	8	-	8	*
Aberdeen	1016.0	-2	S	3	orr	53	97	6	1500	Nb.	10	-	10	0
Malin Head	1014.1	-2	S	2	cr	49	92	7	4000	Nb.	4	A.St.	10	1
Renfrew	1015.4	-3	SSE	3	orr	54	97	6	1500	Nb.	10	-	10	*
Edinburgh (Inchkeith)	1016.0	-4	SW	3	orr	54	85	8	800	Nb	10	-	10	*
Leuchars	1016.0	-3	SW	3	crr	53	92	7	1500	Nb.	7	A.St.	10	*
Eskdalemuir	1016.5	-5	SW	5	or	53	92	6	1500	Nb.	10	-	10	*
Tynemouth	1019.5	-2	S	2	od	53	85	6	1500	Nb.	10	-	10	1
Blacksod Point ...	1011.3	-7	SE'S	2	odd	51	92	6	*	Nb.	10	-	10	1
Donaghadee	1016.4	-4	SW	3	orr	56	97	6	1500	St.	10	-	10	*
Birr Castle	1016.5	*	S	3	cr	58	97	6	4450	St.	9	-	9	*
Holyhead	1019.4	-2	SSW	4	or	58	92	6	1500	Nb.	10	-	10	*
Liverpool (Bidston) ...	1020.8	-2	SSE	1	cr	54	85	8	4000	Nb	9	A.Cu.	9	*
Chester (Sealand) ...	1021.4	-1	SE'E	3	cr	53	97	6	2500	St.	7	A.St.	10	*
Harrogate	1021.3	-1	SW'S	3	c	53	85	7	-	-	0	A.St.	9	*
Spurn Head	1022.3	-1	SW	5	c	55	85	6	4000	Cu	7	A.Cu	9	2
Birmingham (Edgbaston)	1023.8	-1	S	3	bc	54	92	6	800	St.	1	A.Cu.	6	*
Cranwell	1023.6	-2	S	3	bc-	55	92	6	-	-	0	A.Cu.	7	*
Gorleston	1025.1	0	SW	3	bc	54	97	6	1500	St.	3	Cu.Cu.	5	0
Valentia (Cahirciveen) P	1018.1	-1	SW	5	c	59	92	7	800	St.	10	-	10	*
Roches Point	1020.2	-2	SW	3	c	60	92	8	1500	StCu	9	-	9	*
Pembroke (St. Ann's H.)	1022.1	-4	SW	4	c	60	85	8	2500	CuNb	6	A.Cu.	9	1
Ross-on-Wye	1023.7	-2	SSW	3	bc	57	85	7	4000	StCu	5	A.Cu.	7	*
Leafield	1024.6	-1	SE	2	fo+	50	97	2	4150	St.	10	-	10	*
Winchester (Worthy Dn.)	1026.9	0	-	0	cf	47	97	5	5700	StCu	8	-	8	*
S. Farnborough ...	1025.3	0	-	0	bc+	50	97	6	5700	StCu	3	Ci.	5	*
London (Kew Obsy.) ...	1025.8	0	-	0	fbc-	50	97	3	-	-	0	Ci.	7	*
Croydon	1025.6	-1	SW'S	3	mnc	54	97	4	4150	St.	5	Ci.	7	*
Shoeburyness	1025.9	-1	SW	1	fbc-	45	92	3	-	-	0	Ci.	4	*
Clacton-on-Sea ...	1025.7	0	W	2	bc	53	97	6	-	-	0	Cu.St.	6	0
Felixstowe	1025.9	-1	-	0	bc+	56	97	5	-	-	0	Cu.St.	6	0
Lympne	1026.0	0	NNW	1	fc-	52	97	3	-	-	0	Ci.	8	*
Scilly (St. Mary's) ...	1025.2	-2	SW	4	c	58	85	7	4000	StCu	6	Cu.Cu.	8	2
Falmouth (Pendennis)	1025.2	0	-	0	bc-	55	97	7	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1025.6	-4	E	2	bc-	52	92	5	1500	St.	3	A.Cu.	7	0
Portland Bill	1024.9	-4	SSW	3	c	61	85	6	1500	StCu	9	-	9	0
Southampton (Calshot)	1025.4	-7	-	0	c+	54	85	6	5700	StCu	3	A.Cu.	8	1
Dungeness	1026.5	0	NNW	1	fc+	50	97	1	2220	St.	7	Cu.St.	10	0
Guernsey (Fort George) P	1025.9	0	SSW	1	b	57	97	7	-	-	0	Ci.	2	0

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 15th to 9h. 16th.	Temperature. Max. 9h. -17h. 16th.	Rainfall.† Night 17h.-9h. 15th.-16th.	Rainfall.† Day 9h.-17h. 16th.	Sunshine. Sunrise to 17h. 16th.	Sunshine. Sunrise to Sunset. 16th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cbc	c	39	60	Trace	-	2.5	2.0
Douglas (I. o. M.) ...	c	c	47	58	-	-	0.9	8.5
Llandudno ...	c	c	44	63	-	-	2.1	7.3
Colwyn Bay ...	bbcb	bcc	44	61	-	-	2.6	4.8
Rhyl	bce	c	42	62	-	-	2.8	9.9
Wallasey	bcxc	cbcc	51	62	-	-	3.2	8.7
Southport	bcc	co	*51	61	-	-	3.8	8.8
Blackpool	cbc	co	51	61	-	-	2.4	8.5
Ilkley	bc	bc	46	65	-	-	3.3	1.1
Cleethorpes... ...	oc	cbc	47	64	-	-	3.1	6.3
Skegness	bc	bc	49	64	-	-	8.1	5.1
Aberystwyth ...	cbc	bcc	45	62	-	-	2.3	8.4
Bath	Mc	cbcb	45	65	Trace	-	3.6	8.5
Cheltenham ...	c	cbcc	46	62	-	-	2.6	2.02
Leamington Spa ...	wo	c	44	63	-	-	2.0	4.0
Lowestoft	cpre	cbcb	57	63	0.5	Trace	2.2	6.8
Harwich & Dovercourt	bc	bc	54	68	-	-	9.3	7.6
Maldon	cbc	cb	52	68	-	-	4.9	3.4
Southend	cbc	bcb	52	69	-	-	4.7	4.3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bbcc	c	51	63	-	-	4.6	7.7
Bude	wbc	bcz	42	62	-	-	7.0	9.1
Penzance	cbbcz	bcy	52	65	-	-	5.0	10.1
Paignton ...	bwwb	bc	47	64	-	-	8.3	8.9
Torquay	bcwa	bwbc	51	67	-	-	8.4	9.4
Jersey	bc	bc	54	68	-	-	10.2	10.7
Weymouth	bc	b	49	69	-	-	9.1	9.2
Bournemouth ...	fecb	bbcb	45	65	-	-	6.0	10.7
Ventnor ...	mbcb	bz	50	66	-	-	10.6	10.5
Portsmouth (S'thsea)	bbc	b	51	67	-	-	6.8	10.4
Bognor	bcb	b	51	69	-	-	8.5	10.3
Littlehampton ...	b	b	50	68	-	-	9.0	9.0
Worthing	bbc	bcb	51	70	-	-	8.4	8.1
Brighton	bcbc	bc	53	70	-	-	9.0	7.5
Eastbourne	cbc	bcc	54	69	-	-	4.4	6.1
Hastings‖	mcbcc	cbcc	53	69	-	-	5.5	4.2
Folkestone	cbc	bcbv	56	70	0.2	-	10.1	6.4
Dover	bcb	b	56	71	Trace	-	10.2	6.8
Tunbridge Wells ...	ocbc	b	50	70	Trace	-	6.5	4.4
Ramsgate	b	b	59	66	-	-	10.0	5.4
Margate	bc	b	60	66	-	-	9.4	7.0
Deal	b	b	57	70	-	-	9.5	5.7

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

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24407 Tuesday, 18th September, 1928. Page 1.

Observations at 13h. G.M.T. 17th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	1010·3	-3	S	1	c	55	85	8	1500	Cu	4	A.St	8	•
Stornoway	1008·2	-4	SW	2	odd	55	85	7	1500	St	10	-	10	•
Wick	1010·2	-4	SSW	2	c	55	85	8	2500	St.Cu	4	A.St	10	•
Tiree	1009·0	-5	SSE	4	or₀	51	97	7	800	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1010·9	-6	S	4	or₀	54	97	5	800	Nb	10	-	10	1
Malin Head	1007·9	-8	SW	5	cr	59	92	7	4000	Nb	10	-	10	•
Renfrew	1010·6	-5	SSW	4	or₀f₀	60	97	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1010·8	-5	SW	3	or	60	85	8	1500	Nb	10	-	10	•
Leuchars	1010·9	-5	SSE	3	odd	57	97	6	220	Nb	10	-	10	1
Eskdalemuir	1013·2	-2	SW	7	or₀	57	97	6	450	St	10	-	10	1
Tynemouth	1016·0	-2	SW	3	cjp	61	85	7	1500	Nb	9	-	9	•
Blacksod Point	1009·2	-2	SW	7	c	61	85	6	•	-	0	A.St	10	•
Donaghadee	1014·4	-2	SW	4	c-	62	85	7	2500	St.Cu	9	-	9	•
Birr Castle	1015·5	•	S	4	od₀	61	92	9	450	St	10	-	10	•
Holyhead	1018·3	-1	SW'S	6	c	60	92	6	800	St	10	-	10	1
Liverpool (Bidston)	1019·3	-1	SW'S	2	c	62	75	8	4000	Nb	8	Ci.St	10	•
Chester (Sealand)	1019·8	-1	SW'S	4	c	64	75	8	2500	St	3	A.St	9	1
Harrogate	109·2	-1	SW'S	5	c	60	75	7	4000	Nb	8	A.St	9	•
Spurn Head	1020·7	-1	SW	4	c	63	65	6	4000	St	4	A.St	9	•
Birmingham (Edgbaston)	1022·4	-2	SSW	4	bc⊕	62	65	8	4000	Cu	1	Ci.St	7	0
Cranwell	1022·6	-1	SW'S	4	c	64	75	7	4000	St.Cu	7	A.Cu	10	0
Gorleston	1023·4	-2	S'W	4	c+	61	75	6	4000	St.Cu	5	A.St	9	•
Valentia (Cahirciveen)	1017·2	-2	S'W	5	cd₀	60	85	7	800	St	10	-	10	1
Roches Point	1019·6	-1	W	3	c	61	85	8	1500	St.Cu	8	-	8	•
Pembroke (St. Ann's H.)	1021·8	-2	SW	5	c-	61	85	8	1500	Cu	6	Ci.St	8	•
Ross-on-Wye	1022·7	-1	SW	4	c	64	65	7	4000	Cu	4	Ci.St	8	0
Leafield	1023·3	-1	SW'S	4	c+	62	65	7	-	-	0	Ci.St	9	0
Winchester (Worthy Dn.)	1024·1	-2	SSW	3	c	68	65	7	4000	Cu	2	A.St	8	0
S. Farnborough	1024·1	-2	SW	3	c	69	55	7	-	-	0	A.Cu	9	0
London (Kew Obsy.)	1024·0	-3	SW'W	3	c	67	55	8	-	-	0	Ci.Cu	9	0
Croydon	1024·1	-4	SW'W	3	bc-	69	55	7	7200	St.Cu	2	A.Cu	7	0
Shoeburyness	1024·3	-1	SSW	4	bc+	69	65	8	-	-	0	Ci	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1024·6	-1	S'E	4	bc	68	65	8	-	-	0	A.Cu	6	0
Lympne	1024·7	-3	SSW	3	c+	68	45	8	-	-	0	Ci	8	0
Scilly (St. Mary's)	1023·7	-1	SSW	4	bc	66	65	7	4000	Cu	2	Ci.Cu	5	•
Falmouth (Pendennis)	1023·6	-1	SW'S	3	bc	63	75	7	4000	St.Cu	2	Ci.St	6	•
Plymouth (Cattewater)	1024·7	-1	SSW	3	c	62	85	7	2500	St	7	Ci.St	9	0
Portland Bill	1024·8	0	SSW	3	c	62	75	6	2500	St.Cu	10	-	10	•
Southampton (Calshot)	1025·0	-1	SW	4	bc	69	65	7	4000	Cu	1	Ci.St	7	0
Dungeness	1025·2	-3	SW	1	bc	67	97	7	2500	Cu	2	Ci.Cu	6	•
Guernsey (Fort George)	1025·8	-1	SSW	3	bc-	63	75	7	2500	Cu	1	Ci	3	•

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	1005·7	-6	S'E	1	c	53	92	8	1500	Cu	4	A.St	8	•
Stornoway	1003·4	-6	SW	2	o|PR	51	97	6	1500	St	10	-	10	1
Wick	1004·0	-8	SE	2	or	51	97	7	1500	Nb	10	-	10	1
Tiree	1005·2	-12	W	6	c|PR	56	97	7	1500	Cu.Nb	10	-	10	6
Nairn	1002·0	•	-	0	cR-	52	92	7	800	Nb	9	-	9	•
Aberdeen	1006·0	-6	S	3	cr₀	53	92	6	800	Nb	9	-	9	0
Malin Head	1008·1	+3	SW	6	cR	57	92	6	4000	Nb	9	A.St	10	4
Renfrew	1009·2	-1	SW	6	o/r	61	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1008·2	-2	SW	5	o	61	85	8	1500	St	10	-	10	2
Leuchars	1008·0	-2	SW	6	cr₀	62	85	7	800	Nb	9	A.St	10	•
Eskdalemuir	1012·1	-1	SSW	6	o₀	56	97	6	220	St	10	-	10	•
Tynemouth	1015·1	-1	SW	4	c	61	85	7	1500	Cu	9	-	9	2
Blacksod Point	1010·3	+1	SW	4	c	56	92	7	•	-	0	A.St	10	4
Donaghadee	1013·3	-1	SW	5	cr₀	61	85	7	1500	Nb	8	-	8	4
Birr Castle	1014·1	•	SW	4	c-	60	85	6	800	St	8	-	8	•
Holyhead	1016·7	-3	SSW	5	c	59	85	6	1500	St	8	Ci	9	5
Liverpool (Bidston)	1016·2	-1	SW	3	c-	60	75	8	2500	St.Cu	1	A.St	9	•
Chester (Sealand)	1018·5	-1	S'E	3	c	61	65	8	2500	St.Cu	4	Ci	9	•
Harrogate	1017·6	-1	SSW	3	c	60	75	7	4000	Nb	6	A.St	9	•
Spurn Head	1019·1	-1	SSW	4	c	61	75	6	5700	St.Cu	6	Ci.St	9	2
Birmingham (Edgbaston)	1020·8	-1	S	3	c	60	75	8	-	-	0	Ci	8	•
Cranwell	1020·9	0	SW'S	3	c	59	85	6	-	-	0	Ci.St	9	•
Gorleston	1021·9	0	SW'S	3	c	64	75	6	-	-	0	A.St	8	0
Valentia (Cahirciveen)	1015·7	-2	S'W	5	cd₀	60	85	7	800	St	10	-	10	4
Roches Point	1018·2	-1	W	4	bc	60	85	8	2500	St.Cu	2	Ci.Cu	3	4
Pembroke (St. Ann's H.)	1020·1	-2	SW	5	c+	61	92	7	1500	St.Cu	8	A.Cu	9	4
Ross-on-Wye	1021·1	-2	SW'W	3	c	61	75	6	4000	Cu	1	Ci	8	•
Leafield	1020·9	-2	S'W	3	c	60	75	7	5700	St.Cu	1	Ci.St	9	•
Winchester (Worthy Dn.)	1023·4	0	S	3	bc	59	85	7	-	-	0	A.St	7	•
S. Farnborough	1022·9	0	SW'S	2	bc-	60	75	7	-	-	0	A.St	7	•
London (Kew Obsy.)	1022·8	0	SSW	3	bc	63	75	7	-	-	0	Ci.St	7	•
Croydon	1023·1	0	SW'S	3	c+	61	75	6	-	-	0	Ci.St	9	•
Shoeburyness	1023·8	0	SW	3	c	63	75	8	-	-	0	A.St	9	•
Clacton-on-Sea	1022·9	-2	SSW	2	c	65	85	7	-	-	0	A.St	8	1
Felixstowe	1022·6	-3	S'W	4	c	65	75	7	4000	St.Cu	5	A.St	9	4
Lympne	1024·0	0	SW	2	c	58	85	6	-	-	0	Ci	9	•
Scilly (St. Mary's)	1022·6	-1	SSW	3	bc	61	85	7	4000	Cu	3	Ci	5	1
Falmouth (Pendennis)	1022·6	-1	SSW	4	bc	60	92	7	4000	Cu	4	Ci.St	6	1
Plymouth (Cattewater)	1023·0	-2	SW	3	bc-	59	75	7	4000	St	1	Ci	7	0
Portland Bill	1023·1	-1	SSW	3	c	61	85	6	2500	St.Cu	8	A.St	10	1
Southampton (Calshot)	1023·5	-1	WSW	3	c	61	75	7	-	-	0	Ci.St	9	0
Dungeness	1024·0	-2	SW	2	c~~jp~~+	63	97	7	4000	St.Cu	7	Ci.Cu	10	2
Guernsey (Fort George)	1024·0	-2	SSW	2	bc+	60	85	7	-	-	0	Ci	5	0

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

Station	Heights above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	bmyd	cyc	cbowoff	69	47	36	-	-	3·9	*	*	5
Croydon	244	bcmzy	bceym₀	cbmzbe	70	50	45	-	Tr.	4·3	*	*	5
Greenwich (Royal Obsy.)	149	cy	cy₀	cbzmom	71	51	36	-	Tr.	4·3	52	89	4
City (Bunhill Row)	80			*	*	*	*	*	*	3·0	*	*	
Westminster (St. James' Pk.)	37	*	*	*	69	52	43	-	-	3·2	55	95	•
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	3·1	*	*	•
Camden Square	110	bc	c	*	71	52	-	-	-	*	*	93	•
Kensington Palace	80	bc	cxbcc	*	71	51	41	-	-	*	(At 18h) 63	93	•
Hampstead Observatory	450	*	*	*	70	48	41	-	Tr.	3·7	*	97	•

(Weather: 24 HOURS ENDED 9h.)

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.
24 Hrs. ended 7h. G.M.T. 18th

	Max.	Time.	Min.	Time.
South Kensington	0·8	8h.17th	0·3	11h.18th
Kew Observatory	0·3	8h.17th	0·1	11h.17th

POLE STAR RECORD at Greenwich Obsy.
Exposure from 17th 19 h 00 m. to 18th 4 h 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9·45	9·33	99
δ Ursae Minoris	9·45	9·27	97

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.
18th and 19th Sept., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·33 5·35	11·47 11·47	18·00 17·58
Greenwich	5·41 5·42	11·54 11·54	18·07 18·04
Wick	5·49 5·51	12·07 12·06	18·23 18·20
Valentia	6·21 6·23	12·35 12·35	18·48 18·46

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. 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, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

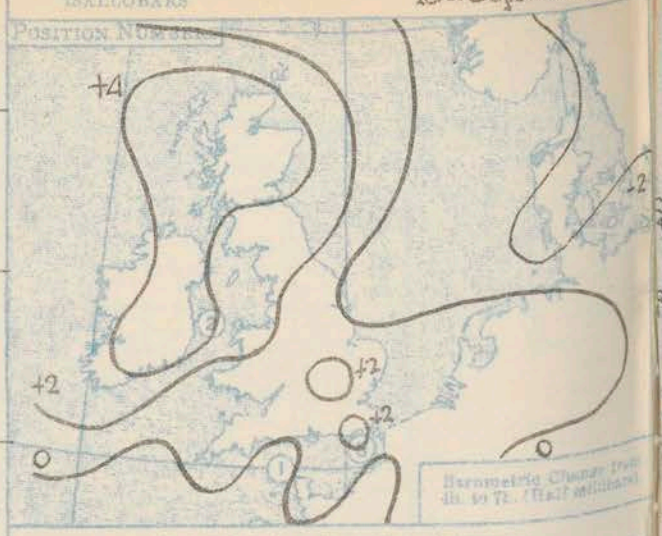
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 17th	18h.-18h. 17th	18h. 17th to 1h. 18th	1h.-7h. 18th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	SUN. 17½h. Hours.
Lerwick	c	c	oir₀r₀	oir₀c	56	48	•	-	-	8	<21.00	1.1
Stornoway	o	p	r-d	p	56	46	•	4	12.30	3	<21.00	0.0
Wick	c	corr	rrid₀	brbc	56	46	•	3	14.30	5	<21.00	•
Tiree	cd₀d	pR/oq	opr	pr₀bc	58	51	45	9	<8.00	1	<21.00	0.0
Nairn	crr	cRr	rcbc	bc	55	49	•	6	12.30	0.5	<21.00	0.0
Aberdeen	orrir₀m₀	oir₀c	cir₀bc	b-bc	59	49	38	5	<8.00	0.1	<21.00	0.0
Malin Head	cir	cirm₀	cirbcb r₀	bcbr₀	62	51	•	5	<8.00	3	<21.00	0.0
Renfrew	ordd	oir₀q	cqrm₀	cb₀bc	62	49	44	6	<8.00	3	<21.00	0.0
Edinburgh (Inchkeith)	orrf₀rd	o	coid₀q	oir₀c	61	52	49	5	<8.00	Tr.	22.00	0.1
Leuchars	r₀rdd	dr₀cir₀	cir₀Rc	cq₀cbcb	62	48	44	4	<8.00	1	<21.00	0.0
Eskdalemuir	orrm₀	oir₀m₀	oir₀m₀	bir₀b	58	48	47	10	<8.00	3	<21.00	0.0
Tynemouth	oir₀	cq	cbccq	bccir₀	63	53	50	0.2	<8.00	0.3	3.30	•
Blacksod Point ...	r₀c	Ro	pc	bc	62	51	•	3	•	2	•	•
Donaghadee	circ	cir₀	cir₀c	cbcb	63	48	•	1	<8.00	2	<21.00	•
Birr Castle	coid₀	oid₀c	coir	bcfi	62	48	39	0.4	<8.00	5	<21.00	0.0
Holyhead	r₀b₀m₀	cm₀	bcb₀c	cbb	61	52	51	1.2	<8.00	3	3.30	0.0
Liverpool (Bidston) ...	or₀c	cac	c	codm₀	63	53	49	Tr	9.00	Tr.	6.30	0.2
Chester (Sealand) ...	ir₀c	c	bc	bcir₀	66	55	49	0.2	<8.00	Tr.	6.30	0.2
Harrogate	c	c	cb	bccd₀	66	53	49	-	-	Tr.	6.30	0.9
Spurn Head	c	c	cbc	bcw	67	52	•	-	-	-	-	1.6
Birmingham (Edgbaston)	bcc	bcc	cbc	bc	64	51	48	-	-	-	-	0.6
Cranwell	c	c	cbw	bwm₀bc	67	48	43	-	-	Tr.	-	2.5
Gorleston	bcc	c	cbcb	bz₀w	63	50	47	-	-	Tr.	-	4.0
Valentia (Cahirciveen)	cid₀	cid₀	or	oir₀c	63	49	45	Tr.	<8.00	5	<21.00	0.3
Roches Point	c	cbc	bccb	bcbir₀c	63	53	•	-	-	3	3.30	•
Pembroke (St. Ann's H.)	cq	cbcq	cq	cbc	62	57	•	-	-	-	-	3.9
Ross-on-Wye	c	cbcc	bcb	bwbcb	65	54	48	-	-	-	-	2.9
Leafield	foc	c	b	bf	65	48	46	-	-	-	-	1.6
Winchester (Worthy Dn.)	cm₀bcc	cbc	bm₀	bFeFe	68	42	35	-	-	Tr.	-	4.5
S. Farnborough ...	bccy	cyc	bcb₀c	coFe	70	44	30	-	-	Tr.	-	5.5
London (Kew Obsy.) ...	bm₀w	cyc	cbcw	offw	69	47	36	-	-	-	-	3.9
Croydon	bcmz₀y	bccyz₀	cz₀bw	bwcFm	70	50	45	-	-	Tr.	-	4.3
Shoeburyness	bc	c	bc	bm	72	49	34	-	-	-	-	6.2
Clacton-on-Sea	bc	bcc	cbc	bccom	67	54	48	-	-	-	-	7.3
Felixstowe	bcmbc	bcc	cbc	bcbwm	68	54	51	-	-	-	-	6.7
Lympne	bcfbbcc	cz₀y	cz₀bm₀	bm₀wbFe	69	47	40	-	-	Tr.	-	7.9
Scilly (St. Mary's) ...	cbc	bc	bc	bc	67	56	•	-	-		-	8.9
Falmouth (Pendennis)	bc	bc	bcm₀	bcm₀w	64	53	•	-	-	Tr.	-	8.0
Plymouth (Cattewater)	bccm₀	cbc	bcb	bwof	65	49	48	-	-	0.2	-	4.3
Portland Bill	cz₀	cz₀	cbcb	bbcz₀	63	58	•	-	-	-	-	•
Southampton (Calshot)	cm₀bc	cbcc	bw	bwbFe	69	50	37	-	-	0.1	<21.00	8.1
Dungeness	mmbc	bcc	cbcb	bff	68	44	•	-	-	-	-	•
Guernsey	bbc	bcbbc	bcbm₀w	bm₀w	65	56	•	-	-	Tr.	-	

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

18th September 1928



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	
1	17th 12h.	ST. HELIER	SSW	3	bc+	65	61	7

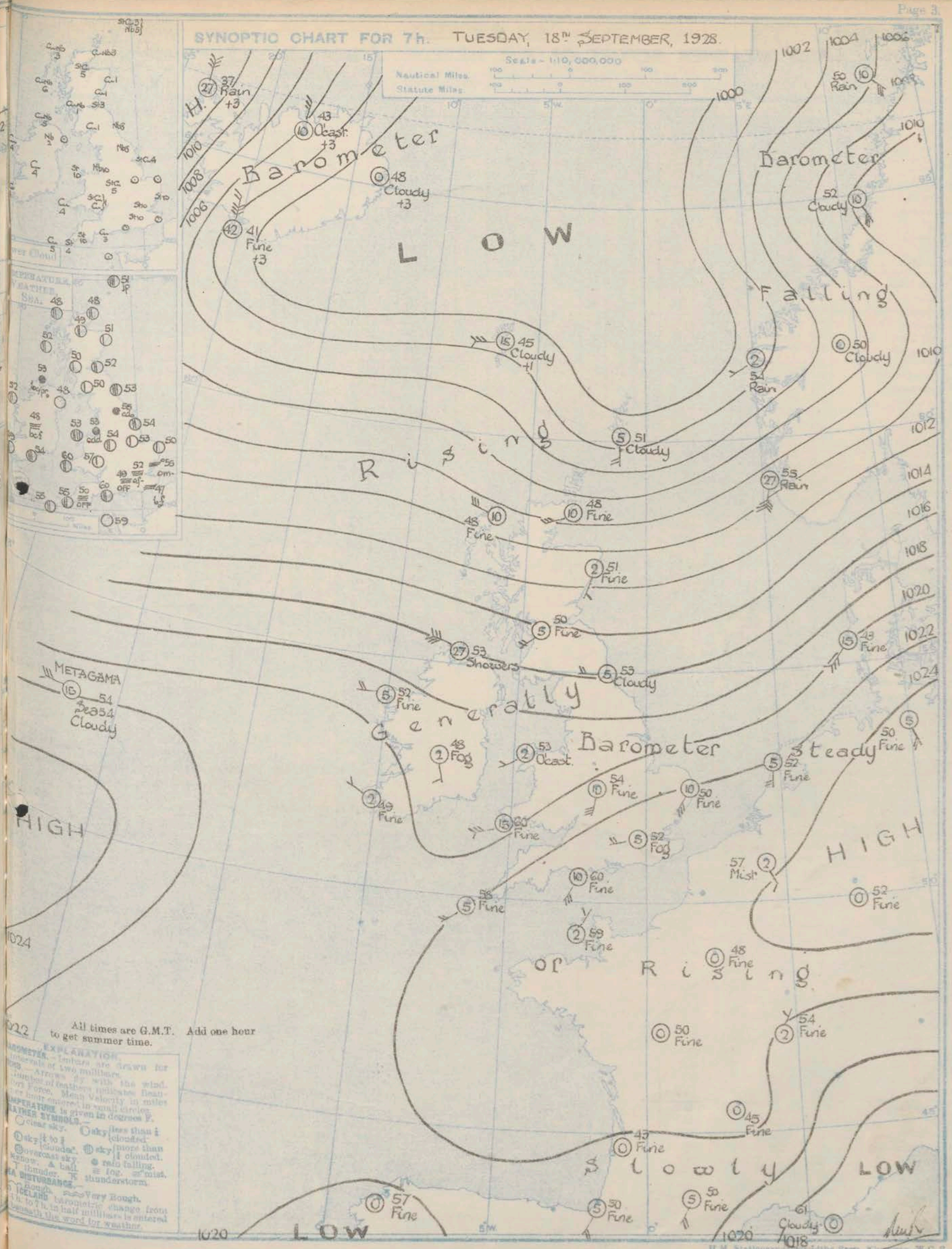
GENERAL INFERENCE.

High pressure is maintained on the Continent and a fresh anticyclone is approaching our southwest coasts from the Atlantic. An extensive area of low pressure northwards of Scotland is filling up. Some showers will occur in northern districts at first but elsewhere weather will be mainly fair with some mist or fog locally especially in southern districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday 18th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate to light westerly winds, becoming variable; fair; local mist or fog night and morning; moderate day temperature, slight ground frost locally at night.	Mainly fair.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 {A.W. Scotland B.N.W. Scotland 14. Mid Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	Light to moderate westerly winds; local showers at first, becoming mainly fair; mist locally night and morning; moderate day temperature, slight ground frost locally at night.	BCR 4
20. S.W. Ireland	As 1 - 6	

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

‡ For code see page 1



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 18th September 1928. No. 262.

Observations at 1h. G.M.T. 18th / Observations at 7h. G.M.T. 18th

Stations	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	54	1000.3	-1	SE	1	orc	51	92	7	1500	Nb.	10	–	10	1001.5	0	S	2	crp	51	92	7	1500	Nb.	8	–	8	•
Stornoway	38	1004.0	-3	SW	4	cr	•	•	6	•	•	•	•	10	1008.7	+5	WNW	3	bc	48	92	7	4000	Cu.Nb.	3	–	3	2
Wick	81	1004.4	+2	W	1	bc	48	97	8	1500	Cu.Nb.	4	–	4	1007.3	+4	WSW	3	bc	48	92	8	1500	Cu.Nb.	3	–	3	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.3	+5	W	5	vbc	52	75	9	2500	Cu.Nb.	6	–	6	4
Nairn	80	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	•	W	2	bc	49	75	8	2500	St.Cu.	5	–	5	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.4	+4	SSW	1	b	51	65	7	1500	Cu.	1	Ci.	1	0
Malin Head	51	1011.9	+4	W'N	6	bc/p.	54	85	7	4000	Cu.Nb.	5	–	5	1015.6	+4	WNW	6	bc/p.	53	75	8	4000	Cu.Nb.	5	–	5	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.9	+4	~~SW~~ WSW	2	b/p	50	85	8	4000	Cu.Nb.	1	–	1	•
Edinburgh (Inchkeith)	190	1009.5	+2	SW	5	o	57	85	8	1500	St.	10	–	10	1012.9	+4	SW	5	bc	52	85	7	1500	St.	3	A.Cu.	4	2
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	+5	SW	4	b-	50	85	8	4000	Cu.	1	A.Cu.	2	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.7	+3	WSW	4	b	50	75	8	2500	Cu.	1	–	1	•
Tynemouth	87	1011.1	0	S	2	bcr	59	75	8	1500	Cu.	7	–	7	1015.5	+3	W	2	c/r	53	85	6	1500	Nb.	8	–	8	1
Blacksod Point	18	1015.1	+2	SW	3	bc	53	65	7	•	Cu.Nb.	7	–	7	1018.1	+3	W	2	bc	52	75	8	•	Cu.	4	–	4	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.1	+4	W	2	b	48	92	8	–	–	0	–	0	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.4	•	SSE	1	ffbc	48	97	3	2500	Cu.	4	–	4	•
Holyhead	26	1016.3	-1	SW	4	c	59	85	7	1500	St.	9	–	9	1018.6	+4	WSW	1	o	53	85	7	4000	St.	10	–	10	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.8	+2	NW'W	3	odd	53	97	6	1500	Nb.	10	–	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.6	+2	NW'W	4	or,o	55	97	6	1500	Nb.	10	–	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.5	0	SW'W	4	cd,o	55	85	6	4000	Nb.	8	A.Cu.	9	•
Spurn Head	29	1018.5	0	SW'S	4	bc-	56	85	6	–	–	0	A.St.	3	1019.0	0	SSW	4	bc	54	85	6	5700	St.Cu.	4	–	4	3
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.0	0	SSW	3	bcr	54	92	6	2500	St.Cu.	5	–	5	[illegible]
Cranwell	236	1020.5	0	SW'S	3	b	53	97	6	–	–	0	–	0	1020.3	0	SW'S	4	b-	53	97	6	–	–	0	A.Cu.	1	•
Gorleston	14	1021.9	0	SW	3	b	56	85	7	–	–	0	–	0	1022.6	0	SW	3	b	50	97	5	–	–	0	Ci.	1	0
Valentia (Cahirciveen)	30	1018.2	+3	SW	3	orr	54	92	6	+	St.	10	–	10	1021.0	+3	NW'W	1	bc	49	97	8	2500	St.Cu.	4	Ci.Cu.	5	2
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	+1 (3)	NW	2	c	54	97	8	2500	St.Cu.	9	–	9	0
Pembroke (St. Ann's H.)	160	1020.7	-1	SW	5	c	61	92	7	1500	Cu.	9	A.Cu.	10	1019.6	0	WSW	4	bc-	60	85	8	2500	Cu.	4	A.Cu.	7	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.9	0	WSW	2	b	57	85	6	4000	Cu.	1	–	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.3	+2	S'W	3	Fo+	49	97	1	220	St.	10	–	10	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.2	+1	–	0	FFb	45	97	1	–	–	0	–	0	•
S. Farnborough	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	+1	–	0	FFo	49	97	1	220	St.	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	50	•	•	•	•	•	•	•	1022.2	+2	W'S	2	fo-	52	97	2	220	St.	10	–	10	•
Croydon	244	1022.5	-2	SW'S	4	b	52	97	7	–	–	0	–	0	1022.0	+1	SW'W	2	fo-	52	97	4	450	St.	2	–	2	•
Shoeburyness	21	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.1	0	SW	1	fb-	55	92	4	–	–	0	–	0	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	+1	WSW	3	fo-	55	97	5	2500	St.	10	–	10	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+1	SW	3	mmb	54	92	4	–	–	0	–	0	1
Lympne	350	1023.5	0	W'S	2	b-	55	92	6	–	–	0	–	0	1023.4	0	N	1	Fb+	50	97	1	–	–	0	–	0	•
Scilly (St. Mary's)	163	1022.4	0	SW	3	bc	58	92	7	4000	Cu.	3	–	3	1022.2	0	SW'W	2	bc	58	92	7	4000	Cu.	5	–	5	1
Falmouth (Pendennis)	200	1022.4	0	–	0	bc	56	97	5	220	St.	3	A.St.	4	1025.5	+1	–	0	bc-	55	97	6	220	St.	4	–	4	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.5	0	E	2	FFo	50	97	1	450	St.	10	–	10	0
Portland Bill	32	1022.7	0	SW'W	3	bc+	59	85	8	2500	Cu.	2	–	2	1022.5	0	SW	3	bc	60	85	6	2500	Cu.	3	–	3	1
Southampton (Calshot)	10	1022.5	0	WSW	2	b	55	97	7	–	–	0	–	0	1023.0	0	N	1	fb-	50	97	2	–	–	0	–	0	0
Dungeness	20	1023.2	-1	WSW	2	b-	61	97	7	–	–	0	–	0	1023.4	+2	NW	2	ffb	47	97	2	–	–	0	–	0	2
Guernsey (Fort George) ℙ	205														1023.3	0	NE	1	b	59	97	6	–	–	0	–	0	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17th September 1928.

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h.-16th to 9h. 17th (4) °F	Temperature Max. 9h.-17h. 17th (5) °F	Rainfall† Night 17h.-9h. 16th-17th (6) mm.	Rainfall† Day 9h.-17h. 17th (7) mm.	Sunshine Sunrise to 17h. 17th (8) hr.	Sunshine Sunrise to Sunset 16th (9) hr.
Berwick-on-Tweed	c	o	52	62	1	-	0.0	2.5
Douglas (I. o. M.)	oprq	opr.q	54	59	2	0.3	0.0	0.9
Llandudno	c	c	50	65	-	-	0.7	2.1
Colwyn Bay	coc	cbcb	56	63	-	-	0.4	2.6
Rhyl	cbc	cbc	53	63	0.1	-	0.0	2.8
Wallasey	ir.c	c	51	64	Trace	Trace	0.0	3.2
Southport	op.o	oco	*50	63	Trace	Trace	0.0	3.8
Blackpool	or	oc	50	60	0.3	0.2	0.0	2.4
Ilkley	c	c	48	65	-	-	1.1	3.3
Cleethorpes	oco	oco	48	67	-	-	1.0	3.1
Skegness	cbco	oco	49	68	-	-	2.8	8.1
Aberystwyth	c	bcc	53	63	-	-	1.6	2.3
Bath	cbc	cbc	51	67	-	-	4.0	3.9
Cheltenham‡	bc	bcc	52	66	-	-	2.1	2.6
Leamington Spa	o	cb	50	65	-	-	0.3	2.0
Lowestoft	bbcc	c	54	66	0.1	-	4.6	2.2
Harwich & Dovercourt	bc	bcoc	(50)	69	Trace	-	7.0	9.4
Maldon	mb	cbcc	42	72	-	-	5.0	4.9
Southend	mcbc	bco	54	74	Trace	-	6.7	4.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cbc	bcc	54	64	-	-	1.3	4.6
Bude	wbc	bc	52	68	-	-	6.5	7.0
Penzance	b	b3	55	67	-	-	8.1	5.0
Paignton	wc3	bco	53	66	-	-	2.9	8.3
Torquay	bc	cbcc	54	67	-	-	4.6	8.4
Jersey	bc	bc	55	67	-	-	8.5	10.7
Weymouth	bc	b3	53	67	-	-	5.3	9.5
Bournemouth	fccb	b	48	67	-	-	7.7	6.4
Ventnor	b3	b	55	66	-	-	7.8	11.1
Portsmouth (S'thsea)	b	b	51	69	-	-	7.9	7.2
Bognor	bbcc	bc	52	67	-	-	6.7	9.4
Littlehampton	bcm bc	bc	49	66	-	-	7.5	9.3
Worthing	cbc	bc	52	69	-	-	7.4	8.6
Brighton	bc	bc	51	68	-	-	7.9	9.2
Eastbourne‡	bbc	bcc	49	68	-	-	7.8	4.9
Hastings‡	bcb	bbcco	54	67	-	-	7.6	5.5
Folkestone	wbcm	bcmc	50	72	Trace	-	7.3	10.5
Dover	bc	bcc	48	66	-	-	7.9	10.8
Tunbridge Wells	b	bbcc	48	70	-	-	7.3	6.6
Ramsgate	b	bbc	53	69	-	-	7.7	10.4
Margate	bc	bc	53	72	-	-	8.0	10.1
Deal	b	bbco	46	71	-	-	6.5	9.8

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24408 Wednesday 19th Sept. 1928. Page 1.

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

STATIONS (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1007·1	+14	SW	3	c/ps	50	85	7	1500	Cu.Nb	5	A.St	9	•
Stornoway	1012·8	+4	WNW	3	bc/pR	54	75	7	4000	Cu.Nb	6	-	6	•
Wick	1012·2	+4	WSW	3	bc	55	75	8	1500	Cu.Nb	4	-	4	•
Tiree	1016·3	+1	W	4	bc	54	85	8	2500	Cu.Nb	5	-	5	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1015·0	+3	W	2	bc	60	45	8	4000	Cu	4	-	4	1
Malin Head	1018·9	+3	W	5	bc/pg	58	65	8	4000	Cu.Nb	5	-	5	•
Renfrew	1017·9	+2	W	4	c/pr₀	55	75	8	2500	Cu.Nb	8	-	8	2
Edinburgh (Inchkeith)	1016·3	+2	SW	5	bc	55	65	8	4000	Cu	2	A.Cu	3	•
Leuchars	1016·2	+3	WSW	4	bc	60	65	8	4000	Cu	4	-	4	1
Eskdalemuir	1018·2	+2	WSW	4	bc/pg₀	58	55	8	4000	Cu	4	-	4	1
Tynemouth	1018·4	+2	W	4	bc	62	45	7	1500	Cu	3	-	3	•
Blacksod Point	1020·9	+3	W	3	b	58	65	8	•	Cu	3	-	3	•
Donaghadee	1020·1	+2	NW	3	bc-	57	65	8	4000	Cu.Nb	5	-	5	•
Birr Castle	1020·9	•	SW	2	bc-	60	65	7	1500	Cu	6	Ci	7	•
Holyhead	1021·3	+2	NW'W	2	bc-	59	75	8	4000	Cu	1	Ci	3	1
Liverpool (Bidston)	1021·2	+2	W	3	c	58	75	9	1500	Cu.Nb	9	-	9	•
Chester (Sealand)	1020·8	+1	NW'W	3	bc-	58	75	7	2500	Cu	8	-	8	1
Harrogate	1020·1	+1	SW	3	c	58	75	8	4000	Nb	3	A.St	9	•
Spurn Head	1019·7	0	NW'W	4	bc	60	85	6	4000	St	5	Ci.Cu	7	•
Birmingham (Edgbaston)	1020·5	0	SW	3	c+	64	55	8	4000	St.Cu	9	-	9	0
Cranwell	1020·8	0	WNW	2	c+	64	75	6	1500	St	8	A.Cu	9	0
Gorleston	1021·0	-1	W	2	bc	69	45	6	5700	Cu	4	-	4	•
Valentia (Cahirciveen)	1022·9	+1	W	3	bc	59	65	9	2500	Cu	1	Ci.Cu	6	5
Roches Point	1022·6	+1	NW	2	bc	61	75	9	2500	Cu	5	Ci	7	•
Pembroke (St. Ann's H.)	1021·0	+2	NE	2	c-	59	85	8	1500	Cu	3	A.St	8	•
Ross-on-Wye	1020·8	+1	W'S	3	c	66	65	7	4000	St.Cu	7	A.St	9	0
Leafield	1021·5	-1	SW'S	3	bc	65	65	8	2500	Cu	5	-	5	0
Winchester (Worthy Dn.)	1022·3	-2	SW	2	bc	67	55	7	4000	Cu	5	-	5	0
S. Farnborough	1022·0	0	WSW	2	bc	71	55	7	1500	Cu	4	-	4	0
London (Kew Obsy.)	1022·3	-3	WSW	2	bc	66	55	7	4000	Cu	4	-	4	0
Croydon	1022·4	-1	WSW	3	bc-	69	55	6	4000	Cu	4	-	4	0
Shoeburyness	1022·2	-1	WSW	3	b	68	65	7	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1021·8	-1	W'S	1	b	70	55	7	4000	Cu	1	-	1	0
Lympne	1022·2	-2	WSW	2	b	70	55	6	1500	Cu	1	-	1	0
Scilly (St. Mary's)	1022·4	+1	W'S	2	bc	67	65	7	4000	Cu	4	Ci	5	•
Falmouth (Pendennis)	1022·1	0	WSW	3	bc+	64	75	8	4000	Cu	6	-	6	•
Plymouth (Cattewater)	1022·6	0	SW	3	bc	66	75	7	2500	Cu	4	-	4	0
Portland Bill	1022·7	0	SW	3	b-	64	85	6	1500	St	2	-	2	•
Southampton (Calshot)	1022·7	-1	SW'S	4	bc+	69	65	7	4000	Cu	4	-	4	0
Dungeness	1022·3	-1	SW	2	b-	67	75	7 (67)	-	-	0	-	0	•
Guernsey (Fort George)	1023·3	0	ENE	2	b	63	75	7	-	-	0	-	0	•

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

STATIONS	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1011·0	+3	SW	2	bc/r	52	85	8	1500	Cu	4	A.Cu	7	•
Stornoway	1013·4	+1	WNW	3	bc	52	75	7	4000	Cu	5	-	5	2
Wick	1014·3	+2	WSW	1	bc	52	92	8	2500	Cu	2	Ci.St	4	0
Tiree	1017·3	+1	W	4	bc	53	75	8	2500	Cu.Nb	5	-	5	4
Nairn	1015·8	•	W	1	bc	52	85	8	2500	Cu.Nb	5	-	5	•
Aberdeen	1016·6	+2	WNW	2	bc	56	65	8	4000	Cu	3	Ci.Cu	4	0
Malin Head	1019·3	+1	WSW	4	bc/p	54	75	8	5700	Cu.Nb	5	-	5	4
Renfrew	1018·9	+2	W	2	bc-	53	75	8	4000	Cu	2	Ci.St	4	•
Edinburgh (Inchkeith)	1018·0	+2	WSW	4	bc	55	75	8	4000	Cu	3	A.Cu	4	2
Leuchars	1017·9	+2	SW	3	bc	53	75	8	4000	Cu	3	Ci.Cu	3	•
Eskdalemuir	1018·8	+2	WSW	3	bc	50	65	8	4000	Cu	2	Ci	3	•
Tynemouth	1019·3	+1	W	2	bc	57	65	6	1500	Cu	2	Ci	3	1
Blacksod Point	1021·6	0	W	3	bc+	54	65	8	•	Cu.Nb	6	-	6	4
Donaghadee	1020·4	+1	W	1	bc	54	75	8	4000	St.Cu	3	A.Cu	4	1
Birr Castle	1021·8	•	SW	1	bc-	55	85	7	2500	Cu	1	Ci	3	•
Holyhead	1021·6	+1	SW'S	1	bc+	54	75	8	4000	Cu	1	A.Cu	7	0
Liverpool (Bidston)	1021·9	0	WNW	2	b	55	65	9	2500	St.Cu	1	A.Cu	1	•
Chester (Sealand)	1021·5	+1	WNW	3	bc+	56	75	7	2500	Cu	5	Ci	7	•
Harrogate	1021·2	+1	SW	2	b	51	65	8	-	-	0	Ci.Cu	2	•
Spurn Head	1020·6	0	WSW	2	c	58	85	6	4000	Cu.Nb	9	-	9	1
Birmingham (Edgbaston)	1022·0	+1	NNE	1	c/r	52	92	4	1500	Nb	9	-	9	•
Cranwell	1021·6	+2	NNW	3	c+	56	85	6	2500	St	10	-	10	•
Gorleston	1020·7	0	-	0	bc	66	65	6	-	:	0	A.Cu	3	0
Valentia (Cahirciveen)	1023·3	+1	WNW	3	bc	57	65	9	2500	Cu	1	Ci.Cu	5	0
Roches Point	1022·6	+1	NW	3	c	59	85	9	1500	Cu.Nb	8	-	8	0
Pembroke (St. Ann's H.)	1022·1	0	-	0	bc	57	85	8	2500	Cu	4	Ci.Cu	7	0
Ross-on-Wye	1021·4	+1	NW	2	cd₀	59	85	8	2500	St.Cu	9	-	9	•
Leafield	1021·3	0	W	2	c+	61	85	8	4000	St.Cu	9	-	9	•
Winchester (Worthy Dn.)	1021·6	-1	-	0	bc	61	75	6	5700	Cu	5	-	5	•
S. Farnborough	1021·5	0	-	0	b	62	65	7	-	-	0	A.Cu	2	•
London (Kew Obsy.)	1021·5	0	-	0	b-	64	65	7	4000	Cu	1	Ci.Cu	2	•
Croydon	1021·6	0	W'S	1	bc+	63	65	6	4000	Cu	2	A.Cu	3	•
Shoeburyness	1021·3	-2	W'N	2	bc+	64	75	7	-	-	0	A.St	5	•
Clacton-on-Sea	1021·4	0	WNW	2	bc	66	65	6	4000	Cu	4	-	4	0
Felixstowe	1021·5	0	W	1	b	65	65	7	-	-	0	A.Cu	1	0
Lympne	1021·5	0	W	2	b	59	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	1022·1	0	-	0	bc	61	75	8	4000	St.Cu	7	-	7	1
Falmouth (Pendennis)	1022·0	+1	-	0	bc	62	65	8	4000	Cu	4	Ci.Cu	6	0
Plymouth (Cattewater)	1022·2	0	SW	3	b-	61	85	7	4000	Cu	2	A.Cu	2	0
Portland Bill	1021·8	-1	SW	3	bc	62	85	6	2500	Cu	3	Ci.St	5	0
Southampton (Calshot)	1021·7	-1	WSW	3	b	63	75	6	-	-	0	-	0	0
Dungeness	1021·7	-2	WSW	3	bc	63	97	7	-	-	0	Ci.St	4	3
Guernsey (Fort George)	1022·9	0	NNW	2	b	~~63~~ 59	~~97~~ 92	7	-	-	0	~~Ci.St~~ -	~~4~~ 0	3

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

Station	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	amw	bcyb	bwctr₀	69	52	42	-	·03	7·5	•	•	3
Croydon	244	bmabc	bcbyz₀	bcbwm₀	70	51	46	-	Tr.	8·8	•	•	4
Greenwich (Royal Obsy.)	149	cb	b	bwmcg₀	73	49	36	-	Tr.	7·6	52	70	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7·3	•	•	•
Westminster (St. James' Pk.)	97	•	•	•	71	53	45	-	-	7·2	56	54	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	6·7	•	•	•
Camden Square	110	cb	bcb	•	73	54	-	-	-	•	•	68	•
Kensington Palace	80	ambc	bcb	•	71	53	44	-	-	•	(At 18h) 58	63	•
Hampstead Observatory	450	•	•	•	69	49	49	-	·03	6·8	•	73	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 19th

South Kensington Max.	Time.	Min.	Time.
0·4	21h. 18th	<0·3	16h. 18th

Kew Observatory Max.	Time.	Min.	Time.
0·2	8h. 18th	<0·1	14h. 18th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 19 h. 00 m. to 19th 4 h. 45 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	9·45	5·09	53
δ Ursae Minoris	9·45	5·05	52

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

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

18th and 20th Sept., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·35 5·36	11·47 11·47	17·58 17·56
Greenwich	5·42 5·44	11·54 11·53	18·04 18·02
Wick	5·51 5·54	12·08 12·06	18·20 18·17
Valentia	6·23 6·25	12·35 12·34	18·46 18·43

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3¼ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

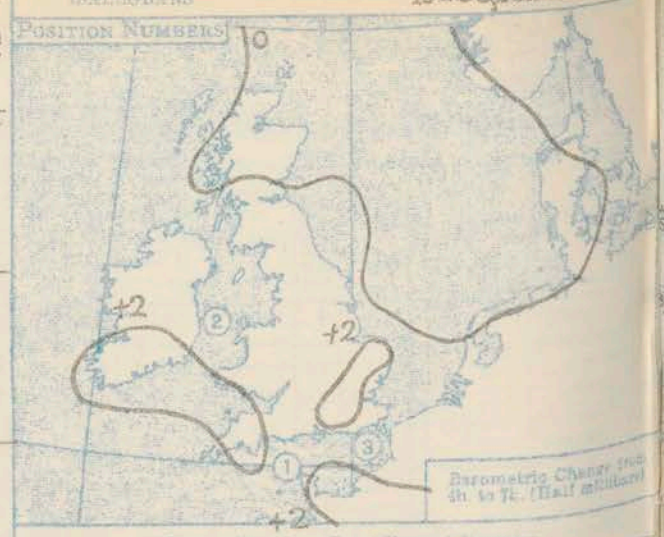
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 18th	Weather. 13h.-18h. 18th	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.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 18th Hours.
Lerwick	cipr	cipr bc	cpr bc	cpbc	54	47	•	2	<8.00	4	<21.00	2.8
Stornoway	b	c	p	p	58	46	•	2	<8.00	3	<21.00	7.0
Wick	bcpr	bbc	b-bc	b-bc	55	44	•	0.3	11.00	–	–	•
Tiree	prbc	prbc	prbc	pRc	55	49	44	1	<8.00	3	<21.00	8.5
Nairn	bcpr	bc	bcw	bc	58	44	•	0.2	11.00	–	–	7.7
Aberdeen	bcy	bc	bcbw	bw	63	38	28	–	–	–	–	8.0
Malin Head	bcpr	bcjp	bcPRbcPR	bapr	58	49	•	0.6	13.30	3	22.00	8.6
Renfrew	bbcP	cpyc	bap bc	bcm	60	43	35	2	11.00	Tr.	22.00	8.9
Edinburgh (Inchkeith)	bbc	bcc	bcb	bbc	57	47	43	Tr.	13.30	–	–	8.6
Leuchars	bbc	bcpbc	bc	bcbw	62	40	36	Tr.	15.30	Tr.	–	10.7
Eskdalemuir	bc	bcy	cprb	bx	59	30	27	Tr.	12.30	0.4	<21.00	7.8
Tynemouth	cbc	bc	bcb	bff	64	47	41	–	–	–	–	•
Blacksod Point ...	b	pc	pc	pc	59	51	•	0.1	•	0.4	•	•
Donaghadee	bbc	bc	b	bw	61	42	•	–	–	–	–	•
Birr Castle	cbc	bc	bc	bm	61	39	29	–	–	–	–	7.5
Holyhead	prcbc	bcvy	bcb	b	61	53	48	Tr.	<8.00	–	–	7.4
Liverpool (Bidston) ...	ocr v	cbc bv	vbw	bbcp	58	50	42	0.5	<8.00	0.2	5.30	5.0
Chester (Sealand) ...	rr mc	cbc	bc	bbcm	59	38	32	1	<8.00	0.3	6.30	2.2
Harrogate	cid	cb	b	bbcr	61	45	41	Tr.	<8.00	Tr.	3.30	3.5
Spurn Head	cbc	bcc	cprbcbc	bcz	64	50	•	–	–	Tr.	<21.00	4.6
Birmingham (Edgbaston)	bcc	cbr	mc	mcb	66	42	29	1	16.30	–	–	2.4
Cranwell	c	c	idbwf	bfbcm	67	40	37	–	–	Tr.	<21.00	4.2
Gorleston	bzfobc	bcy	bcz	bccz	71	53	52	–	–	–	–	7.9
Valentia (Cahirciveen)	bcbv	bcv	bc	bcp	60	46	43	–	–	1	6.30	8.9
Roches Point	cbcv	bccv	cvpbc	bcb	62	46	•	–	–	0.1	<21.00	•
Pembroke (St. Ann's H.)	bccffdd	cbcc	cbc	bc	61	50	•	3.4	11.00	–	–	2.9
Ross-on-Wye	bbcc	c	cogc	cbmwbc	67	41	33	Tr	17.30	–	–	3.6
Lisafield	fbc	bcc	c	cbcm	66	46	37	–	–	–	–	4.2
Winchester (Worthy Do.)	bfefebcm	bcy	bcb	bccm	70	50	39	–	–	–	–	7.5
S. Farnborough ...	okbcfky	bcyb	bbcc	omcd	71	47	36	0.1	–	Tr.	5.30	7.9
London (Kew Obsy.) ...	omw	bcyb	bw	ccr	69	52	42	–	–	0.3	6.30	7.5
Croydon	bmobcz	bcbyz	bcbwm	bmpmc	70	51	46	–	–	Tr.	–	8.8
Shoeburyness	bmb	c	bc	co	70	48	38	–	–	–	–	9.6
Clacton-on-Sea ...	bcby	bybcm	bcm	bcmcz	70	53	47	–	–	–	–	8.4
Felixstowe	cmombcy	byb	bbc	bccm	70	53	49	–	–	–	–	7.6
Lympne	bfcmz	bybm	bm	bcm	72	49	37	Tr.	<8.00	–	–	10.2
Scilly (St. Mary's) ...	bc	bc	bcc	comrr	68	54	•	–	–	1	3.30	9.5
Falmouth (Pendennis)	bcm	bc	bcc	c	68	55	•	–	–	–	–	6.7
Plymouth (Cattewater)	ofeb	cb	bc	cwm	67	55	52	–	–	Tr.	–	7.2
Portland Bill	bccbz	bbcz	bcbwbc	cz	65	56	•	–	–	–	–	•
Southampton (Calshot)	bfhcm	bcbm	bw	bwcwm	70	52	42	–	–	Tr.	–	8.3
Dungeness	bffb	bbc	bcbf	bffbw	68	45	•	–	–	–	–	•
Guernsey	bm	b	bwm	bw	65	56	•	–	–	0.2	–	

ISALLOBARS 19th September 1928

POSITION NUMBERS



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	18th 10h.	SCOTIA	WNW	4	c	55	56	9
1	" 12h.	ST. JUNEY	–	0	bc	62	62	7
3	19th 1h.	BRIGHTON	NW	3	bc	62	63	7

GENERAL INFERENCE.

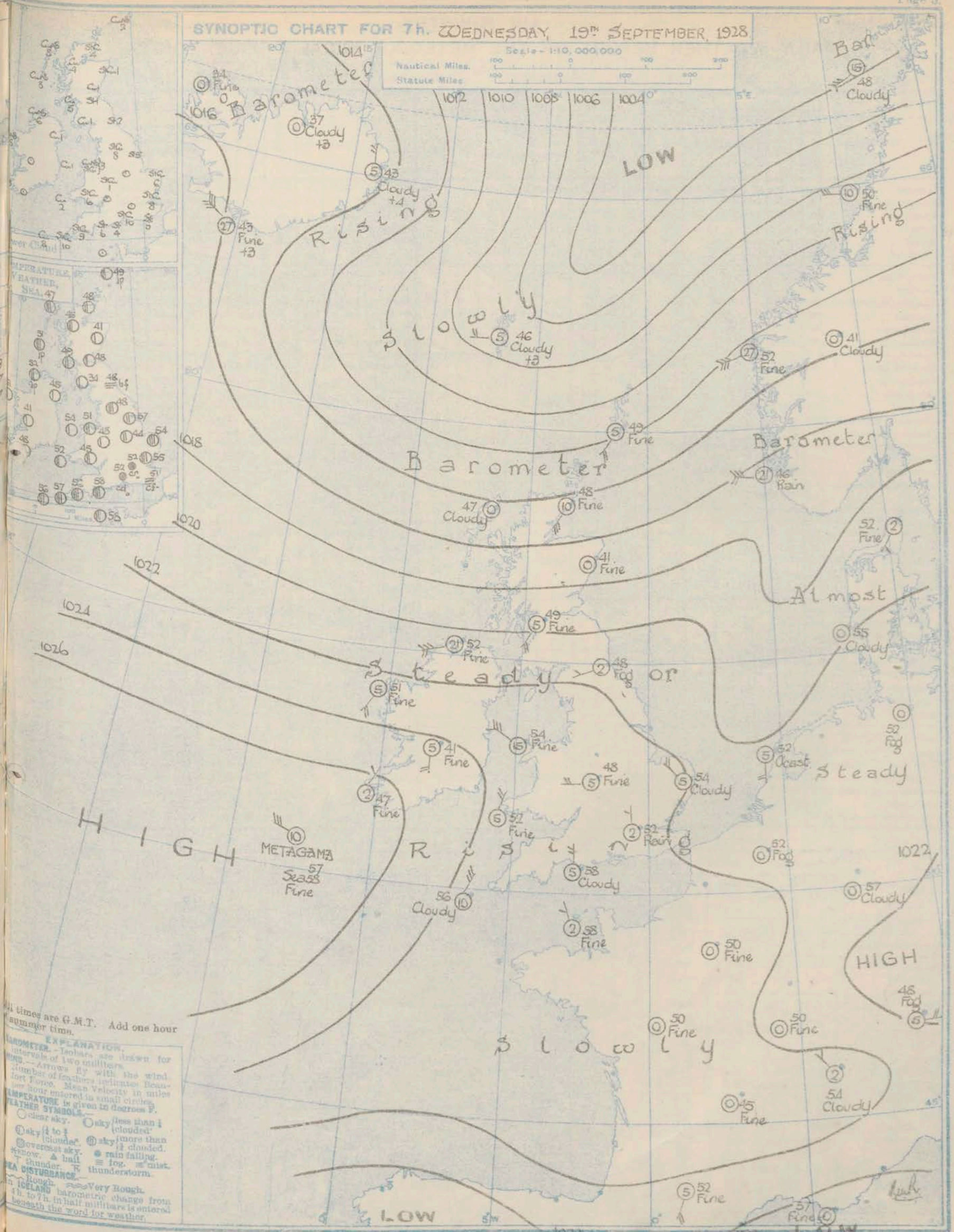
An anticyclone centred on the Atlantic between Iceland and the Azores is moving eastwards towards the British Isles. Weather will be quiet and mainly fair for a time in all districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 19th September, 1928	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	Light, northerly to variable winds; mainly fine; some mist or fog, night and morning; moderate day temperature, slight ground frost at night.	Quiet and mainly fair weather with some local fog, night and morning.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Westerly to variable winds, light or moderate; a few scattered showers but mainly bright; some morning mist, perhaps fog; moderate day temperature, ground frost locally at night.	
13. A. W. Scotland B. N.W. Scotland	Moderate northwesterly to westerly winds; bright intervals, occasional showers; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland	As 8 - 12	
16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	As 13A - 13B.	
19. S.E. Ireland 20. S.W. Ireland	As 8 - 12.	

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 page 1

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



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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Wednesday, 19th September 1928. No. 263.

Stations	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	64	1011.4	0	SW	3	bcjp	51	85	8	1500	Cu.Nb.	4	—	4	1011.5	0	SW	2	bcjp	49	85	8	1500	Cu.Nb.	2	Ci.St.	3	·
Stornoway	30	1011.1	0	W	4	bc/PR	*	*	7	*	*	*	*	5	1011.1	+1	—	0	c/p	47	97	7	4000	Cu.Nb.	8	—	8	0
Wick	81	1011.7	0	SW	2	bc	46	85	8	2500	Cu.	2	Ci.St.	4	1011.5	-1	SW	3	bc	48	92	8	2500	St.Cu.	4	Ci.St.	6	0
Tiree	23	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.0	0	WNW	5	c/p	51	85	8	300	Cu.Nb.	8	—	8	4
Nairn	33	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.0	*	—	0	bc	45	85	8	2500	Cu.	4	—	4	·
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.4	0	—	0	b	41	92	8	4000	St.Cu.	1	—	1	0
Malin Head	51	1020.2	+1	WSW	4	bc/PR	50	85	8	4000	Cu.Nb.	6	~	6	1020.4	0	WSW	5	bcjp	52	75	8	4000	Cu.Nb.	6	—	6	4
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	0	SW	2	bc	49	85	6 (8)	2500	Cu.	5	A.Cu.	5	/
Edinburgh (Inchkeith)	190	1019.2	+1	WSW	4	b	48	85	8	—	—	0	—	0	1019.1	+1	WSW	3	bc	48	92	7	1500	St.	1	A.Cu.	3	·
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.9	0	SW	3	b	44	92	7	4000	Cu.	1	A.Cu.	2	·
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.8	0	—	0	b	34	97	8	2500	Cu.	1	—	1	/
Tynemouth	97	1020.6	0	W	2	b	50	85	6	1500	Cu.	2	—	2	1021.2	+1	WSW	1	fb-	48	85	3	1500	St.	2	—	2	/
Blacksod Point	18	1022.0	0	W	3	bc	52	75	7	*	Cu.Nb.	6	—	6	1023.3	+1	SW	2	bcr	51	75	8	*	Cu.Nb.	5	—	5	3
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.6	+1	W	1	b	45	92	8	4000	Cu.	1	—	1	/
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.6	*	S	2	b-	41	97	6	—	—	0	Ci.Cu.	1	2
Holyhead	30	1022.1	0	W'N	3	b	55	85	7	—	—	0	—	0	1022.9	+1	NW'W	4	b	54	85	8	2500	Cu.	1	Ci.	2	·
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	+1	WSW	1	bc-	51	85	9	1500	Cu.Nb.	3	—	3	·
Chester (Sealand)	76	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.6	+1	—	0	cf₀	43	97	5	2500	St.	8	—	8	·
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.5	+1	SW	2	c	48	92	8	4000	St.Cu.	8	—	8	·
Spurn Head	29	1021.2	0	WNW	4	bc-	53	85	6	4000	Cu.Nb.	4	—	4	1021.7	0	W'N	3	bcr	57	65	5	2500	St.	5	A.Cu.	7	·
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.9	0	W	2	b	48	85	5	4000	St.Cu.	1	—	1	·
Cranwell	238	1022.6	0	—	0	ffb	46	92	3	—	—	0	—	0	1023.1	+1	W	2	bc	44	97	6	—	—	0	Ci.	6	·
Gorleston	14	1020.8	0	—	0	bcr	58	85	5	1500	St.	5	—	5	1022.2	+2	NW	2	c	54	85	6	5700	St.Cu.	6	A.Cu.	8	0
Valentia (Cahirciveen) ₱	30	1024.7	0	W	3	bcr	55	75	9	*	Cu.	3	—	3	1026.4	+2	NE'N	1	bc	47	92	8	2500	St.	3	Ci.Cu.	5	2
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.6	+3	N	3	b	48	85	8	—	—	0	Ci.Cu.	2	0
Pembroke (St. Ann's H.)	160	1022.9	+1	N	2	bc-	51	92	8	2500	Cu.	4	—	4	1023.5	+2	NNE	2	bc	52	85	8	2500	Cu.	2	A.Cu.	4	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.9	+1	NNW	1	bc	45	97	8	4000	St.Cu.	6	Ci.	7	·
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.7	+1	N'W	1	b	46	92	5	—	—	0	A.Cu.	1	·
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.1	+2	N	1	c	53	92	6	2500	St.	7	A.St.	10	·
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.9	+2	NNE	1	cd₀	52	92	5	1500	St.Cu.	10	—	10	·
London (Kew Obsy.)	18	*	*	*	*	*	54	*	*	*	*	*	*	*	1023.5	+3	N	1	cf₀	52	92	5	—	—	0	A.St.	10	·
Croydon	244	1021.6	-1	—	0	br	52	92	6	—	—	0	A.Cu.	2	1023.1	+2	N'W	1	mmc	54	92	4	1500	St.	7	A.St.	10	·
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	+1	NNW	1	o-	54	92	6	4000	St.	10	—	10	/
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	0	NNW	3	c	55	92	6	5700	St.Cu.	8	—	8	/
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.9	+1	N'W	2	c	54	92	5	2500	St.Cu.	9	—	9	·
Lympne	350	1022.0	0	N	2	b	52	92	6	—	—	0	—	0	1021.8	+1	N'E	3	c	52	97	5	—	—	0	A.Cu.	8	·
Scilly (St. Mary's)	163	1021.6	0	—	0	c	58	85	8	4000	St.Cu.	10	—	10	1023.0	+1	NNE	3	c/r	56	85	8	4000	Cu.	8	—	8	/
Falmouth (Pendennis)	200	1022.2	0	N	1	cr	56	97	7	4000	St.Cu.	10	—	10	1023.2	+1	N	1	c	57	85	8	4000	St.Cu.	10	—	10	0
Plymouth (Cattewater)	88	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.4	+2	NNE	3	c-	56	65	8	4000	St.Cu.	9	A.Cu.	9	0
Portland Bill	32	1021.6	0	N	1	cr	58	92	8	4000	St.Cu.	9	—	9	1022.5	0	N	2	c	58	85	6	1500	St.	6	A.St.	10	0
Southampton (Calshot)	10	1022.0	-1	NW	1	b	54	97	7	—	—	0	-	0	1022.8	+1	N	2	c	55	85	5	1500	St.	4	A.Cu.	9	/
Dungeness	20	1021.6	0	NW	1	Fbc	47	97	0	150	St.	7	—	7	1021.9	+1	NNW	1	fc-	51	97	3	220	St.	5	A.Cu.	8	/
Guernsey (Fort George) ₱	285														1022.8	+1	NNW	1	bcr	58	97	7	—	—	0	Ci.St.	4	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18th September 1928

Stations (1)	Weather: Forenoon (2)	Weather: Afternoon (3)	Temperature: Min. 9h.-17th to 9h. 18th (4) °F.	Temperature: Max. 9h.-17h. 18th (5) °F.	Rainfall: Night 17h.-9h. 17th-18th (6) mm.	Rainfall: Day 9h.-17h. 18th (7) mm.	Sunshine: Sunrise to 17h. 18th (8) hr.	Sunshine: Sunrise to Sunset 17th (9) hr.
Berwick-on-Tweed	bc	bc	51	61	-	-	8.1	0.0
Douglas (I. o. M.)	bc	b	51	60	0.1	-	9.2	0.0
Llandudno	cb	bcb	51	60	7	-	5.5	1.1
Colwyn Bay	ocb	b	51	61	4	-	5.2	0.6
Rhyl	pcb	bc	51	59	4	-	3.7	0.3
Wallasey	d₀c	cb	52	64	0.3	Trace	4.7	0.0
Southport	dp₀oc	bcb	*53	60	0.1	-	4.8	0.0
Blackpool	dpc	cbc	53	61	0.5	0.1	6.0	0.0
Ilkley	d	bcb	50	63	1	-	2.7	1.1
Cleethorpes	bo	oco	52	68	-	-	4.9	1.0
Skegness	bof	bbco	50	62	-	-	4.4	2.9
Aberystwyth	cr₀r	bc	52	59	1	1	2.8	1.6
Bath	b	bbc	45	70	-	-	8.6	4.0
Cheltenham	bc	co	53	68	-	-	5.2 (~~5.5~~)	2.1
Leamington Spa	bc	cbo	49	66	-	-	3.8	0.3
Lowestoft	b	b	50	72	-	-	8.2	4.6
Harwich & Dovercourt	d.of	bm	51	70	-	-	7.7	7.0
Maldon	mb	b	40	70	-	-	7.6	5.0
Southend	wb	m₀b	53	74	Trace	-	9.5	6.4

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cbco	co	55	64	-	-	4.2	1.3
Bude	wbcb	bbcc	50	67	-	-	7.3	6.8
Penzance	b	b	53	70	-	-	7.2 (~~7.6~~)	8.2
Paignton	bwm	b	51	69	-	-	8.1	3.2
Torquay	bwm	bcb	55	70	-	-	8.6 (~~9.4~~)	4.8
Jersey	b	b	56	70	-	-	9.6	9.0
Weymouth	b	b	52	70	-	-	8.4	6.3
Bournemouth	f₀b	b	42	69	-	-	10.2	7.7
Ventnor	b	bz	55	67	-	-	10.2	8.0
Portsmouth (S'thsea)	b	b	51	70	-	-	10.4	7.9
Bognor	b	b	49	68	-	-	10.0	7.7
Littlehampton	b	b	45	65	-	-	10.3	7.5
Worthing	b	b	50	69	-	-	10.1	7.4
Brighton	b	b	49	68	-	-	10.2	7.9
Eastbourne	b	b	50	69	-	-	10.5	7.2
Hastings	wmb	b	53	69	0.1	-	10.2	7.6
Folkestone	bwz	bz	50	73	-	-	9.8	7.3
Dover	b	b	49	66	-	-	9.8	7.9
Tunbridge Wells	mobcb	b	46	72	-	-	7.0	7.3
Ramsgate	bc	bc	54	67	-	-	10.4	7.7
Margate	bcb	b	54	69	-	-	10.3 (11)	8.0
Deal	bc	b	51	74	-	-	10.2	6.5

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24409 Thursday 20th September 1928.

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

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	1013·7	0	W	3	bcjp	52	85	8	1500	CuNb	2	Ci	3	·
Stornoway	1015·7	0	WNW	3	bc/r	53	75	7	4000	CuNb	5	-	5	·
Wick	1014·0	0	WSW	2	bc/pg	53	92	8	1500	CuNb	6	-	6	·
Tiree	1009·1	+1	NW	5	bc	55	75	9	2500	Cu	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1016·3	-1	W'N	2	cr₀	56	65	8	2500	CuNb	8	-	8	1
Malin Head	1021·2	+1	NW	5	bc/pg	53	75	8	4000	CuNb	6	-	6	·
Renfrew	1019·4	-1	WSW	3	bcjp	57	65	8	2500	CuNb	7	-	7	2
Edinburgh (Inchkeith)	1018·0	0	WSW	4	bc	49	92	8	4000	Cu	4	A.Cu	7	·
Leuchars	1017·6	-1	W	4	bc	57	65	9	4000	St.Cu	5	A.Cu	6	1
Eskdalemuir	1020·1	-1	W	4	cr	50	75	8	2500	Nb	9	-	9	1
Tynemouth	1019·9	+1 (-1)	W	2	bc/m	61	85	8	1500	Cu	4	-	4	·
Blacksod Point	1024·4	+1	WNW	4	bc	57	65	9	*	Cu	4	A.Cu	4	·
Donaghadee	1021·7	-1	W	4	bc+	57	65	8	2500	CuNb	3	A.Cu	5	·
Birr Castle	1024·6	·	SW	2	bc/pg	56	75	7	2500	CuNb	6	-	6	·
Holyhead	1024·0	0	W'N	4	b	58	65	9	2500	Cu	1	-	1	1
Liverpool (Bidston)	1023·3	0	W	4	b	56	65	9	2500	Cu	2	-	2	·
Chester (Sealand)	1022·9	0	WNW	4	bc	59	65	8	2500	Cu	5	Ci	6	1
Harrogate	1021·4	-1	W	3	b	57	55	9	4000	Cu	2	-	2	·
Spurn Head	1021·4	0	NW'W	3	bc	59	55	6	4000	Cu	6	-	6	·
Birmingham (Edgbaston)	1023·3	0	W	3	bc	61	45	8	4000	St.Cu	4	-	4	1
Cranwell	1022·7	-1	NW'W	4	bc+	62	55	7	2500	Cu	5	-	5	0
Gorleston	1021·6	0	NNE	4	bc	64	45	7	4000	Cu	5	-	5	·
Valentia (Cahirciveen)	1026·9	0	NW'W	3	bc	58	65	9	4000	St.Cu	6	Ci.Cu	7	5
Roches Point	1026·0	-1	N	2	bc	59	75	9	2500	St.Cu	2	Ci.Cu	4	·
Pembroke (St. Ann's H.)	1025·1	+1	WNW	2	bc	59	65	8	2500	Cu	3	Ci.Cu	5	·
Ross-on-Wye	1023·3	0	NW'W	3	bc	61	45	9	4000	Cu	4	Ci	6	0
Leafield	1023·3	0	NNW	3	bc+	58	55	9	5700	Cu	5	Ci	6	0
Winchester (Worthy Dn.)	1023·0	-1	NW	2	bc	64	45	8	5700	Cu	2	Ci	5	0
S. Farnborough	1022·7	-1	N	3	bc	65	45	8	4000	St.Cu	1	Ci	7	0
London (Kew Obsy.)	1023·2	-1	NW	2	bc	63	45	8	4000	Cu	1	Ci	3	0
Croydon	1022·7	-1	NNW	2	bc-	63	45	8	4000	Cu	1	Ci	3	0
Shoeburyness	1022·6	0	NNW	3	bc-	65	65	8	-	-	0	Ci.St	3	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Felixstowe	1022·1	-2	NW	3	b-	64	35	8	4000	Cu	1	A.Cu	2	0
Lympne	1022·5	0	N	3	c-	60	55	7	5700	St.Cu	8	-	8	0
Scilly (St. Mary's)	1024·0	+1	NE'N	3	bc	62	75	8	4000	St.Cu	7	-	7	·
Falmouth (Pendennis)	1023·6	0	-	0	bc-	63	45	8	4000	St.Cu	5	Ci.St	7	·
Plymouth (Cattewater)	1023·9	0	NNW	4	bc	64	45	8	4000	Cu	2	Ci	7	0
Portland Bill	1023·1	+1	NE	3	c	65	45	6	2500	St.Cu	6	Ci	9	·
Southampton (Calshot)	1023·2	-1	N	3	bc-	66	35	8	4000	Cu	2	Ci	5	0
Dungeness	1022·5	+1	NNE	2	c+	62	97	7	1500	St	6	A.Cu	8	·
Guernsey (Fort George)	1023·2	0	NE'N	3	bc	64	75	7	2500	Cu	5	A.Cu	7	·

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1011·1	0	NW	2	bc	51	85	8	1500	Cu	4	-	4	·
Stornoway	1015·8	0	WNW	2	bc/pg	51	92	7	4000	CuNb	4	-	4	1
Wick	1014·3	0	WNW	2	bc	50	92	8	1500	CuNb	4	-	4	0
Tiree	1009·9	+1	NW'W	5	bcjp	52	85	8	2500	CuNb	5	-	5	4
Nairn	1016·4	·	WSW	3	bc+	49	75	8	2500	Cu	6	-	6	·
Aberdeen	1016·6	+1	W	2	b-	51	75	8	2500	CuNb	2	A.Cu	2	0
Malin Head	1021·7	+1	WNW	4	bcjp	53	65	8	5700	CuNb	3	-	3	4
Renfrew	1020·2	+2	WNW	3	bc	52	75	9	2500	Cu	6	-	6	·
Edinburgh (Inchkeith)	1017·9	0	W	4	b	52	75	8	-	-	0	A.Cu	2	2
Leuchars	1017·9	+1	W	3	b	50	75	8	4000	St.Cu	1	-	1	·
Eskdalemuir	1020·4	0	WSW	3	bc	47	75	8	2500	Cu	3	-	3	·
Tynemouth	1019·8	+1	W	2	bc/r	51	85	7	1500	Cu	3	-	3	1
Blacksod Point	1024·8	0	WNW	3	bc	54	75	9	*	Cu	6	-	6	3
Donaghadee	1022·1	+1	WNW	3	bc-	53	75	8	2500	CuNb	2	A.Cu	4	3
Birr Castle	1024·4	·	W	2	bc	56	75	8	2500	Cu	6	-	6	·
Holyhead	1023·5	0	WNW	3	bcr₀	56	75	8	4000	Nb	7	-	7	1
Liverpool (Bidston)	1022·8	-1	W	4	bc+	54	65	9	1500	CuNb	6	-	6	·
Chester (Sealand)	1022·9	0	W'N	3	b	55	65	8	4000	Cu	1	-	1	·
Harrogate	1021·4	0	WSW	4	bc	50	75	8	4000	Nb	4	-	4	·
Spurn Head	1020·7	0	WNW	5	bc-	58	65	6	-	-	0	A.St	3	2
Birmingham (Edgbaston)	1023·4	0	NW	3	b-	56	55	8	4000	Cu	1	Ci	1	·
Cranwell	1022·8	+2	NW'W	3	b-	55	92	7	4000	St	1	-	1	·
Gorleston	1021·4	0	-	0	c	59	75	6	4000	Cu	6	A.Cu	8	0
Valentia (Cahirciveen)	1026·8	0	NNW	2	bc-	56	65	9	4000	St.Cu	4	-	4	0
Roches Point	1025·5	-1	N	3	c	59	75	9	4000	St.Cu	8	-	8	0
Pembroke (St. Ann's H.)	1024·5	-1	WNW	1	b-	56	75	9	-	-	0	Ci	2	0
Ross-on-Wye	1023·3	0	NW	3	b	57	55	9	4000	St.Cu	1	Ci.St	1	·
Leafield	1023·2	0	NW	2	b	55	65	9	5700	Cu	1	Ci	2	·
Winchester (Worthy Dn.)	1023·0	0	WNW	2	bc	53	75	8	4000	St.Cu	2	Ci.St	6	·
S. Farnborough	1022·8	+1	NNW	2	c	58	55	8	-	-	0	Ci	8	·
London (Kew Obsy.)	1022·8	0	NNW	1	bc	60	55	7	-	-	0	Ci	6	·
Croydon	1021·6	0	NW'N	1	c+	57	55	6	4000	Cu	1	Ci	8	·
Shoeburyness	1022·4	0	NW	2	c-	56	75	7	4000	St.Cu	2	Ci	8	·
Clacton-on-Sea	1022·1	0	NW	2	bc	60	65	7	4000	Cu	3	Ci	6	0
Felixstowe	1022·0	0	NW'N	1	bc	58	65	7	4000	Cu	4	Ci	7	0
Lympne	1022·5	+1	N'E	2	bc-	55	55	6	-	-	0	Ci	3	·
Scilly (St. Mary's)	1025·2	+1	NNE	4	bc	56	75	8	-	-	0	A.Cu	4	3
Falmouth (Pendennis)	1024·0	0	N	3	bc-	58	65	8	4000	St.Cu	4	Ci.St	6	0
Plymouth (Cattewater)	1024·0	+1	NNE	3	bc	59	55	9	4000	Cu	1	Ci	4	0
Portland Bill	1022·8	-1	NNE	3	c	61	65	8	2500	St.Cu	6	Ci.Cu	9	0
Southampton (Calshot)	1022·7	0	N	2	bc	62	45	7	4000	St.Cu	2	Ci	5	0
Dungeness	1022·5	0	NW	1	bc-	61	55	8	4000	St.Cu	1	Ci	7	0
Guernsey (Fort George)	1022·9	0	N	4	bc-	59	65	7	4000	St.Cu	4	A.Cu	6	2

London Observations. Day 7h-19h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations.

Station	Height above M.S.L. in feet.	Weather Morning (24 Hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	cm₀	boy	bcm₂	64	42	31	-	-	6·9	*	*	5
Croydon	244	cmboy	bcy	bm₂wbc	64	40	32	-	Tr	6·0	*	*	5
Greenwich (Royal Obsy.)	149	cbcbgy	bc⊕	bcbufm	67	38	27	-	-	6·1	42	74	4
City (Bunhill Row)	60	*	*	*	*	*	*	*	*	5·8	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	67	44	37	-	-	6·4	48	73	*
Regent's Pk. (Botanic Gdns).	108	*	*	*	*	*	*	*	*	6·4	*	*	*
Camden Square	110	cb	bc	*	68	43	*	-	-	*	*	78	*
Kensington Palace	80	bc	b5	*	66	42	34	-	-	*	(At 18h)	69	*
Hampstead Observatory	450	*	*	*	65	42	29	-	Tr	7·0	*	71	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 20th

South Kensington

Max.	Time.	Min.	Time.
0·6	20th 7h	<0·3	19th 15h

Kew Observatory

Max.	Time.	Min.	Time.
0·2	20th 7h.	<0·1	19th 14h.

Pole Star Record at Greenwich Obsy.

Exposure from 19th 19 h.00m. to 20th 4 h.45m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9 45	9 45	100
δ Ursae Minoris	9 45	9 45	100

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 20th and 21st Sept. 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·36 5·38	11·47 11·46	17·56 17·53
Greenwich	5·44 5·46	11·53 11·53	18·02 18·00
Wick	5·54 5·56	12·06 12·06	18·17 18·14
Valentia	6·25 6·26	12·34 12·34	18·43 18·41

Beaufort Notation of Weather.

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

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

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

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

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

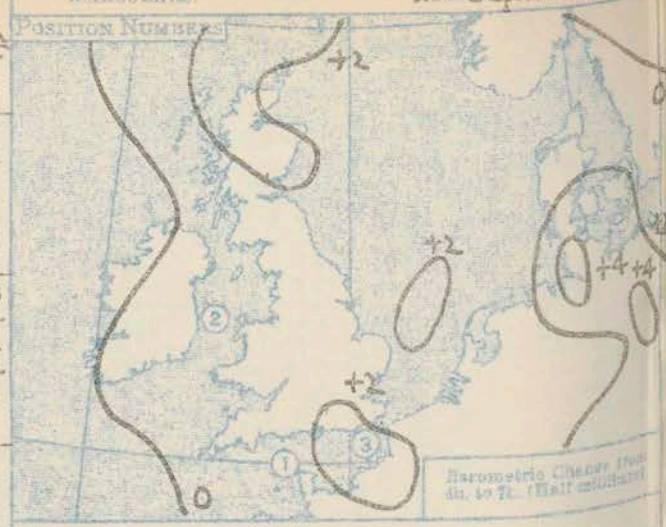
§ Telegraphic Code for Surface Visibility.

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

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

SUMMARIES FOR TEN PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 19th	WEATHER. 18h.-18h. 19th	WEATHER. 18h.-1h. 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.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 19th Hours.
Lerwick	c i r b c	c b c	c i r b c	c i p₀ r	56	45	•	1	<8.00	0.6	<21.00	7.3
Stornoway	p	p	p.	p	55	42	•	0.6	<8.00	4	<21.00	5.8
Wick	b c p r₀	b c p r₀	b c p r	b c p r	54	43	•	0.5	11.00	2	<21.00	•
Tiree	p r₀ b c	p r b c	c b c	p r b c	55	47	42	1	<8.00	3	02.30	7.9
Nairn	b c P R	b c j p q	b c p	b c	55	43	•	0.3	11.00	0.1	22.00	3.9
Aberdeen	b c c p r₀	c p r b c	b w	b w	59	40	31	0.6	11.00	—	—	6.5
Malin Head	b c p r₀	b c p r₀	b c	b c p₀ r.	56	49	•	2	<8.00	0.1	01.30	8.3
Renfrew	b c p	b c p	b c p₀ b	b b c c p₀	58	43	36	1	<8.00	Tr	<21.00	7.4
Edinburgh (Inchkeith)	b b c	b c p r b	b	b b c c	56	46	43	0.5	13.30	—	—	9.6
Leuchars	b b c	b c c j p v b P R b.	b.	b b c w	58	38	31	1	14.30	—	—	8.4
Eskdalemuir	b x c p r q	c p r v c p r b c	b c b w	b w	54	38	33	3	11.00	Tr	—	7.7
Tynemouth	b m b c	b c p₀	b c b	b b c	62	44	40	0.6	16.30	—	—	•
Blacksod Point ...	p₀ b c	p₀ c	c o	c	59	50	•	1	•	—	•	•
Donaghadee	p r₀ b c	p r₀ b c	b b c	b c w	59	40	•	0.4	11.00	—	—	•
Birr Castle	b c p r₀	b c	b c x	c m₀	60	40	28	Tr.	11.00	—	—	8.2
Holyhead	b b c b v	b v j p	b c b b c	b b c	60	51	48	Tr.	17.30	—	—	10.9
Liverpool (Bidston) ...	c b c b v	v b b v	c p₀ b c	b c c	57	49	42	—	—	0.3	<21.00	9.8
Chester (Sealand) ...	p r₀ b c	b c b	o p r₀ q b c	b c p r q	60	44	38	0.1	<8.00	1	<21.00	9.8
Harrogate	c b v	b b c	b c b	b b c	60	42	36	-	-	-	-	9.0
Spurn Head	z b c y	b c	b c	b c w	60	47	•	-	-	-	-	9.2
Birmingham (Edgbaston)	b b c	c c b	b	b	63	44	36	-	-	-	-	10.0
Cranwell	~~x~~ b b c	b c b	b w	b c m₀	63	40	36	-	-	-	-	10.4
Gorleston	c z₀ b c y	b c y c	c b c b	b w z₀	65	40	39	-	-	Tr	—	5.9
Valentia (Cahirciveen)	b c c p v	c b c v	b c	b c w c	60	48	42	0.3	12.30	Tr	—	3.9
Roches Point	b b c v	b c c v	c v ~~x~~ b c b	b b c c	62	48	•	-	-	—	—	•
Pembroke (St. Ann's H.)	b c	b c b	b c	b c	60	49	•	-	-	-	-	10.8
Ross-on-Wye	b c b b c v	b c v y b v y	b v b w	b w b m	64	37	31	-	-	-	-	9.7
Deafield	b b c	b c b	b w	b b c c	63	39	27	-	-	-	-	10.1
Winchester (Worthy Dn)	c m₀ b c y	b c y	b	b b w	66	37	28	-	-	-	-	~~12.7~~ 8.1
S. Farnborough ...	d₀ c m b c y	b c c y	c y b c m₀	b c c m₀ c	67	32	22	Tr	<8.00	—	—	7.5
London (Kew Obsy.) ...	c m₀	b c y	b w	b m z b c m₀	64	42	31	-	-	—	—	6.9
Croydon	c m b c z₀ y	b c y	o z₀ y b m₀	b m₀ w b c	64	40	32	-	-	Tr	—	6.0
Shoeburyness	o c b c	b c	b c b	b	67	38	27	-	-	—	—	4.7
Clacton-on-Sea ...	c z b c	b c y	b b c	b c	65	42	36	-	-	—	—	5.1
Felixstowe	c m₀ b y	b b c y	b c	b c b c w	65	43	27	-	-	—	—	9.8
Lympne	c m₀	c y b c z₀ y	b c z₀ y b	b c m₀	63	43	30	-	-	—	—	4.5
Scilly (St. Mary's) ...	c d₀ b c	b c	b c b b c	b c	64	51	•	Tr.	9.00	—	—	6.2
Falmouth (Pendennis)	c b c	b c	b c	b c	64	49	•	-	-	—	—	3.7
Plymouth (Cattewater)	c b c y	~~c~~ b c y b	b c v b	b c w	67	47	35	-	-	—	—	6.9
Portland Bill	c z₀	c	c b c b b c	c	66	50	•	-	-	—	—	•
Southampton (Calshot)	c m₀ b c y	b c y	b w	v v v c w m₀	67	46	39	-	-	Tr	<21.00	6.7
Dungeness	c f f m m c	c c b c	b c b b z₀	b b c z	67	41	•	-	-	—	—	•
Guernsey	b c	b c	b c b	b b c c	65	57	•	-	-	—	—	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Pressure
2	19th 10h	Scotia	W	3	b	53	56	7
1	19th 12h	St Helier	NNE	4	bc +	61	61	7

GENERAL INFERENCE.

An anticyclone off our Southwest coasts is decreasing in intensity as it moves slowly southeastwards. Weather will be mainly fair over most of the British Isles but there will be some showers in western and northern districts.

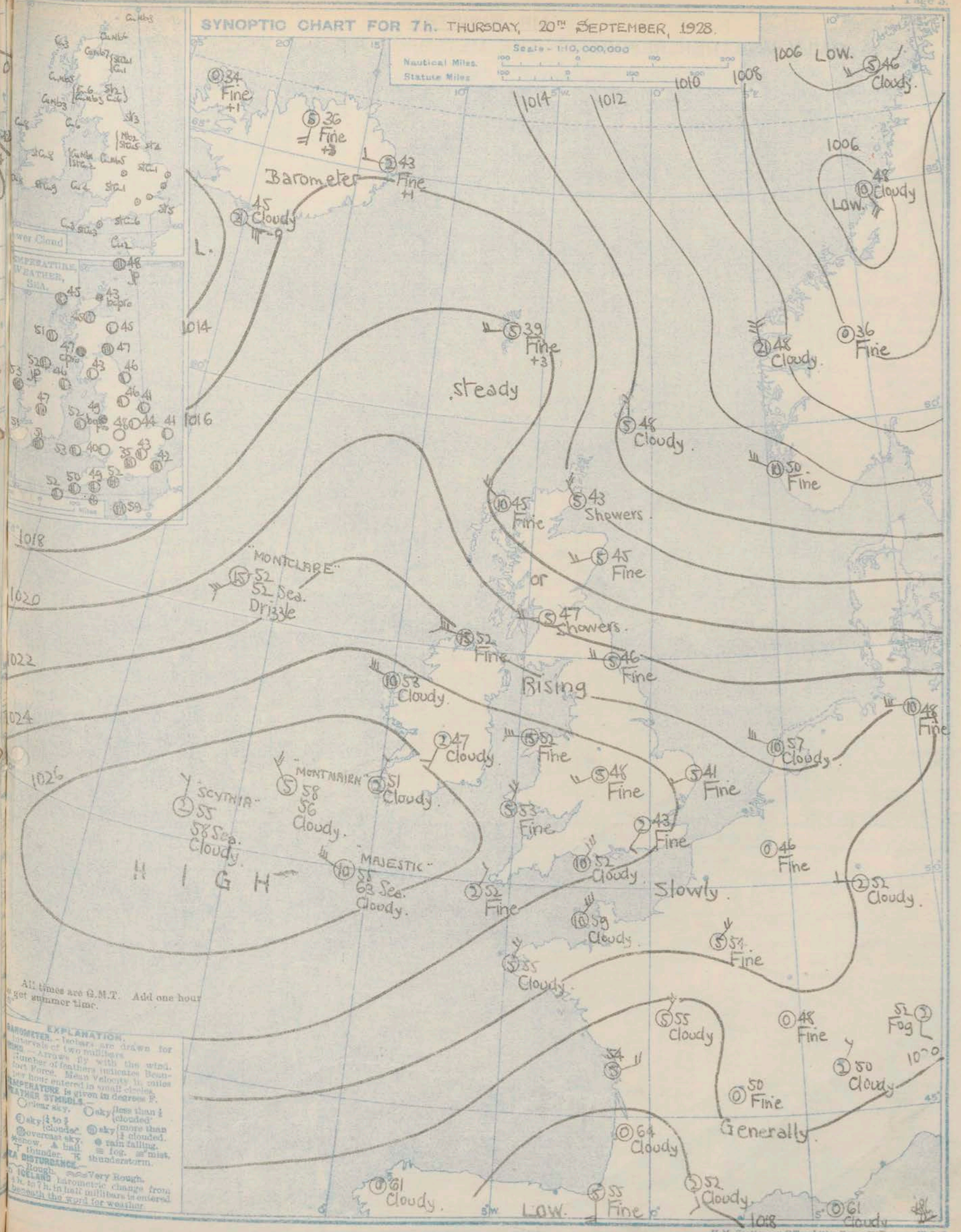
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 20th September, 1928.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable winds; mainly bright; moderate or rather high day temperature; ground frost inland at night.	Similar.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Westerly winds, moderate to fresh locally; bright intervals; occasional showers; some morning mist or fog; moderate day temperature, slight ground frost at night.	
13. (A) W. Scotland (B) N.W. Scotland 14. Mid-Scotland	Westerly winds, mainly moderate; showers and bright intervals today, probably local drizzle in coastal districts tomorrow; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 12.	

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

§ For code see page 1

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

SYNOPTIC CHART FOR 7h. THURSDAY, 20TH SEPTEMBER, 1928.



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

EXPLANATION.

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

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

○ clear sky. ◐ sky less than ½ clouded. ◑ sky ½ to ⅞ clouded. ◒ sky more than ½ clouded. ● rain falling. ⊕ overcast sky. ≡ fog. ≈ mist. ⊛ snow. ▲ hail. ⚡ thunder. ⚡ thunderstorm.

SEA DISTURBANCE.—Rough. Very Rough.

ICELAND barometric change from 4 h. to 7 h. in half millibars is entered beneath the word for weather.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION..Thursday, 20th September.....1928. No. 264.

Observations at 1h. 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	84	1011·0	0	–	0	bc	46	92	8	1500	Cu	3	CSt	4
Stornoway	30	1016·9	0	NNW	1	bcPR	*	*	7	*	*	*	*	5
Wick	81	1015·0	0	WNW	2	bcpr	45	97	8	1500	CuNb	5	CSt	7
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	83	1022·0	−1	WNW	4	bc	52	75	8	5700	CuNb	3	–	3
Renfrew	58	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	199	1018·0	0	WSW	4	b	47	85	8	1500	St	1	ACu	2
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	724	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1020·5	0	W	3	b	46	85	8	–	–	0	–	0
Blacksod Point ...	18	1023·3	0	WNW	3	c	51	75	7	*	–	0	ASt	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1023·5	0	NW	4	b	54	77	7	2500	Cu	1	–	1
Liverpool (Bidston)...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	678	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1021·6	0	W	4	bc	50	85	6	2500	St	3	–	3
Birmingham (Edgbaston)	576	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	238	1022·3	0	W	3	b	42	92	7	–	–	0	–	0
Gorleston	14	1022·3	0	W'N	2	b	48	85	6	–	–	0	–	0
Valentia (Cahirciveen) P	30	1026·8	0	NW	3	bc+	55	85	8	4000	StCu	6	–	6
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1024·2	0	NW	2	bc+	53	85	8	1500	Cu	5	CSt	6
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1023·9	+1	S'W	1	b	42	92	6	–	–	0	–	0
Shoeburyness... ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	55	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1023·3	+1	NNE	3	b–	46	85	7	–	–	0	–	0
Scilly (St. Mary's) ...	163	1024·8	0	NNE	3	bc+	53	85	8	4000	StCu	5	–	5
Falmouth (Pendennis)	200	1024·7	0	NNE	2	bc	50	85	7	4000	StCu	5	–	5
Plymouth (Cattewater)	23	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	52	1022·9	0	NNE	3	bc+	55	65	8	2500	Cu	5	–	5
Southampton (Calshot)	10	1023·5	0	N	3	b	50	75	7	–	–	0	–	0
Dungeness	20	1023·0	+1	NNE	1	b	45	97	6	–	–	0	–	0
Guernsey (Fort George) P	236													

Observations at 7h. G.M.T. 20th.....

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1013·4	+3	N	2	cpb	48	85	8	1500	CuNb	3	ACu	8	*
Stornoway	1017·9	+3	NW	3	cpb	45	92	7	4000	Cu	3	–	3	1
Wick	1016·0	+1	NW	2	bc	43	97	8	1500	CuNb	6	–	6	0
Tiree	1020·3	+1	NW	4	bc	51	85	9	1500	CuNb	5	CiCu	6	4
Nairn	1018·2	*	W	1	bc	45	85	8	2500	CuNb	7	–	7	*
Aberdeen	1017·9	+2	WSW	2	b	45	85	8	2500	Cu	2	–	2	0
Malin Head	1021·2	0	WNW	4	bcpb	52	75	8	4000	CuNb	3	ACu	7	4
Renfrew	1020·8	0	W	2	cpb	47	92	7	4000	Cu	9	–	9	*
Edinburgh (Inchkeith)	1019·5	+1	WSW	3	c	47	85	7	1500	Cu	8	–	8	1
Leuchars	1019·1	+1	S	3	c+	43	92	8	4000	StCu	7	ACu	8	*
Eskdalemuir	1021·3	0	SW'W	3	b	43	85	8	1500	StCu	2	–	2	*
Tynemouth	1020·5	0	W	2	bc	46	92	6	800	St	3	ACu	6	0
Blacksod Point ...	1024·2	0	WNW	3	c	53	75	8	*	Cu	8	–	8	3
Donaghadee	1022·5	0	WNW	3	bc+	46	92	8	2500	Cu	6	ACu	7	2
Birr Castle	1025·1	*	SW	1	c+	47	97	6	2500	StCu	8	–	8	*
Holyhead	1023·9	+1	W	4	bc	52	85	8	2500	StCu	3	–	3	2
Liverpool (Bidston)...	1023·5	+1	W'S	2	bcpr	49	92	8	2500	CuNb	5	CiCu	5	*
Chester (Sealand) ...	1023·5	+1	SW'W	2	bc	47	85	7	2500	Cu	2	CiCu	3	*
Harrogate	1022·7	0	SW	3	bc	46	65	8	4000	StCu	7	–	7	*
Spurn Head	1021·1	+1	W'S	4	bc	48	92	6	2500	St	4	–	4	*
Birmingham (Edgbaston)	1024·9	0	W	2	b	48	75	6	–	–	0	–	0	*
Cranwell	1023·8	+1	W'S	2	b–	44	97	6	5700	StCu	1	–	1	*
Gorleston	1023·5	+2	~~SW~~ WNW	2	b	41	85	5	–	–	0	Ci	2	0
Valentia (Cahirciveen) P	1026·8	0	NE'N	1	c	51	85	8	4000	StCu	8	–	8	2
Roches Point	1026·5	+1	N	3	c	51	85	8	4000	StCu	9	–	9	0
Pembroke (St. Ann's H.)	1024·6	+1	NNE	2	bc	53	85	8	2500	Cu	4	ACu	6	0
Ross-on-Wye	1024·9	0	W'N	1	bf	40	92	8	4000	StCu	1	Ci	1	*
Leafield	1024·7	+1	NW'W	2	b–	46	85	9	7200	StCu	2	Ci	2	*
Winchester (Worthy Dn.)	1024·7	+1	NW'N	1	bc+	38	97	7	4000	StCu	1	Ci	5	*
S. Farnborough ...	1024·8	+1	–	0	c	35	97	5	–	–	0	Ci	8	*
London (Kew Obsy.)...	1024·9	+2	SW'W	1	bc+	43	92	5	–	–	0	CiSt	7	*
Croydon	1024·5	+1	–	0	bc–	42	92	5	–	–	0	Ci	5	*
Shoeburyness... ...	1024·2	+1	NW	1	b	46	85	7	–	–	0	Ci	1	0
Clacton-on-Sea ...	1023·9	+1	NNW	3	bc	44	85	7	–	–	0	Ci	6	0
Felixstowe	1024·0	+1	NNW	2	bc	47	85	6	–	–	0	CiSt	4	0
Lympne	1023·7	+1	N'E	3	bc	45	85	6	–	–	0	Ci	7	*
Scilly (St. Mary's) ...	1024·7	0	NE	1	bc	52	92	8	4000	Cu	3	CiSt	5	1
Falmouth (Pendennis)	1024·9	+1	NNE	2	bc	50	85	7	4000	StCu	3	Ci	5	0
Plymouth (Cattewater)	1025·0	+1	N	2	bc	49	85	7	–	–	0	Ci	9	0
Portland Bill	1023·9	+1	NE	3	c	52	75	8	2500	StCu	6	Ci	9	0
Southampton (Calshot)	1024·5	+2	NW'N	2	bc	47	85	6	4000	StCu	1	Ci	7	0
Dungeness	1023·3	+3	N	2	c+	42	92	6	1500	St	5	CiCu	8	2
Guernsey (Fort George) P	1023·4	+1	NE	3	c+	59	65	8	2500	Cu	2	Ci	8	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.–9h. °F.	Temperature. Max. 9h.–17h. °F.	Rainfall† Night 17h.–9h. mm.	Rainfall† Day 9h.–17h. mm.	Sunshine. Sunrise to 17h. hr.	Sunshine. Sunrise to Sunset. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	cpr.c	41	58	–	Trace	8·6	8·3
Douglas (I. o. M.) ...	bc	bc	46	58	–	–	9·4	10·4
Llandudno ...	bc	bc	47	59	0·1	–	10·1	6·2
Colwyn Bay ...	b	b	50	61	–	–	10·2	5·6
Rhyl...	bcb	bcb	43	61	0·2	–	10·0	4·4
Wallasey	b	b	46	60	0·3	–	9·6	5·4
Southport	b	b	*46	59	1	–	9·5	5·3
Blackpool	bbc	bcc	47	60	–	–	9·3	6·2
Ilkley	b	b	44	62	2	–	8·7	5·0
Cleethorpes... ...	b	b	45	64	–	–	8·1	4·9
Skegness	cbcb	bbcc	51	64	–	–	7·9	4·5
Aberystwyth ...	pbc	bbc	45	59	0·3	–	10·0	5·4
Bath	b	bbc	51	65	–	–	9·0	~~4·8~~ 8·6
Cheltenham‡ ...	bcmb	bvg	46	66	–	–	8·0	5·12
Leamington Spa ...	c	c	42	63	–	–	7·7	3·8
Lowestoft	cbc	bcbbc	48	62	–	–	7·2	8·2
Harwich & Dovercourt	oc	bc	52	66	–	–	5·7	7·8
Maldon	ob	bbc	46	64	–	–	4·9	7·6
Southend	ombc	b	53	68	–	–	5·5	9·5

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe ...	b	bbc	49	63	–	–	9·6	4·2
Bude	Twbc	bbc	49	62	Trace	–	8·0	7·3
Penzance	cbc	cb	55	66	0·5	–	4·6	7·5
Paignton	bw	bby	54	66	–	–	7·0	9·0
Torquay	bw	bcby	56	66	–	8·9	8·0	10·3
Jersey	b	bc	52	69	–	–	10·0	8·6
Weymouth	cb	bby	53	68	–	–	7·0	10·4
Bournemouth ...	ocb	bbc	52	66	–	–	7·5	10·9
Ventnor	bz	b	54	67	–	–	5·4	10·9
Portsmouth (S'thsea)	cb	b	54	66	–	–	6·0	10·4
Bognor	cbc	bc	51	66	–	–	6·4	10·8
Littlehampton ...	bc	bc	45	65	–	–	6·1	10·5
Worthing	c	bcb	51	65	–	–	5·3	10·7
Brighton	c	cbc	52	67	–	–	5·0	11·0
Eastbourne‡... ...	oco	ocbc	50	65	–	–	2·7	10·8
Hastings‡	mocbc	bcbbc	53	64	–	–	3·7	10·1
Folkestone	omcm	ombc	50	64	–	–	3·6	10·3
Dover	c	bbc	50	64	–	–	3·5	7·5
Tunbridge Wells ...	moc	bcb	48	66	–	–	4·1	10·4
Ramsgate	c	bc	54	64	–	–	5·2	10·5
Margate	cbc	bc	56	63	–	–	4·7	10·2
Deal	oc	ocbc	47	66	–	–	4·1	10·2

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24410 Friday, 21st September 1928. Page 1.

Observations at 13h. G.M.T. 20th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1017.2	+4	N	2	cjp	49	85	8	1500	Cu.Nb	4	A.St	8	*
Stornoway	1020.9	+2	N	2	bc	53	75	7	4000	Cu.Nb	3	-	3	*
Wick	1018.7	+3	NW	3	bc/r	52	85	8	1500	Cu.Nb	5	-	5	*
Tiree	1022.4	+2	NNW	3	b	56	85	9	4000	Cu	2	-	2	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1019.8	+2	NW	4	c+	54	65	8	2500	St.Cu	8	-	8	1
Malin Head	1023.2	+1	W	4	cd	55	85	6	4000	Nb	9	-	9	*
Renfrew	1021.7	+1	WNW	3	bc	59	55	8	4000	Cu	7	-	7	1
Edinburgh (Inchkeith)	1020.1	+1	WSW	3	bc	56	65	9	4000	Cu	4	A.Cu	6	*
Leuchars	1020.6	+1	WNW	3	bc+	56	55	9	4000	St.Cu	7	-	7	1
Eskdalemuir	1021.2	0	WNW	3	bc	52	65	8	4000	Cu	7	-	7	1
Tynemouth	1020.7	0	W	4	bc	57	65	7	1500	Cu	6	-	6	
Blacksod Point	1024.6	+1	WNW	3	bc	58	65	8	*	St.Cu	7	-	7	*
Donaghadee	1023.2	+1	WNW	3	bc+	58	75	8	2500	~~St.Cu~~ Cu.Nb	6	-	6	*
Birr Castle	1025.4	*	W	2	c	57	75	7	1500	Cu	8	-	8	*
Holyhead	1024.7	0	NW'W	4	bc	56	75	8	2500	Cu	6	Ci	7	0
Liverpool (Bidston)	1023.9	0	W'N	4	b-	56	65	9	2500	Cu	2	-	2	*
Chester (Sealand)	1023.8	0	WNW	4	bc	57	55	8	4000	Cu	6	A.Cu	7	1
Harrogate	1021.7	-1	WSW	4	bc	59	55	9	4000	Cu	4	-	4	*
Spurn Head	1022.0	0	NW'W	4	bc	58	65	6	4000	Cu	4	-	4	*
Birmingham (Edgbaston)	1024.4	-1	W	2	cjp	58	45	8	4000	St.Cu	8	-	8	0
Cranwell	1023.1	-1	NW'W	4	bc+	59	65	7	4000	Cu	5	-	5	0
Gorleston	1022.8	0	NW	2	bc	55	85	6	4000	Cu	7	-	7	*
Valentia (Cahirciveen)	1027.0	-1	NW'N	2	bc	58	65	8	2500	St.Cu	5	Ci	7	5
Roches Point	1026.5	0	N	2	c	57	75	8	4000	St.Cu	9	-	9	*
Pembroke (St. Ann's H.)	1025.8	-1	NW	2	bc+	~~58~~ 59	65	9	4000	Cu	~~4~~ 8	-	~~4~~ 8	*
Ross-on-Wye	1024.0	0	NW'W	3	bc	59	45	9	4000	St.Cu	6	Ci.St	6	0
Leafield	1024.1	0	NNW	3	bc	57	55	9	5700	Cu	7	-	7	0
Winchester (Worthy Dn.)	1023.9	-1	NW	3	bc	60	55	8	4000	Cu	7	-	7	0
S. Farnborough	1023.8	-1	NW	2	bc	62	45	8	2500	St.Cu	5	-	5	0
London (Kew Obsy.)	1023.9	-1	N	2	bc	58	55	8	5700	Cu	4	-	4	0
Croydon	1024.0	-1	NNW	3	c+	59	~~85~~ 55	7	4000	Cu	8	-	8	0
Shoeburyness	1023.8	0	NW	1	bc+	60	55	8	2500	Cu	4	-	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1023.5	-1	WNW	2	bc	61	45	8	4000	Cu	7	-	7	0
Lympne	1023.3	-2	N'E	3	bc	61	35	8	4000	Cu	3	Ci	5	0
Scilly (St. Mary's)	1025.4	0	N'E	4	bc	61	55	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1024.4	-1	NNE	3	bc	60	85	8	4000	Cu	7	-	7	*
Plymouth (Cattewater)	1024.4	-1	S	2	bc	62	55	8	4000	Cu	7	-	7	0
Portland Bill	1023.8	0	-	0	bc+	65	45	8	2500	Cu	5	A.Cu	6	*
Southampton (Calshot)	1023.9	-2	NNW	2	bc+	64	45	8	4000	Cu	5	-	5	0
Dungeness	1023.3	-1	SW	2	bc-	59?	75	8	2500	Cu	5	-	5	*
Guernsey (Fort George)	1023.4	-1	NE	3	bc	66	55	8	4000	Cu	2	A.Cu	7	*

Observations at 18h. G.M.T. 20th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	1021.4	+2	WNW	2	c	46	65	8	1500	Cu	5	A.St	8	*
Stornoway	1022.4	+3	NNW	1	bc	51	75	7	4000	Cu	3	-	3	0
Wick	1022.3	+3	NW	2	bc	49	97	8	1500	Cu.Nb	5	-	5	0
Tiree	1023.6	+1	NNW	1	c	53	92	9	4000	Cu	8	-	8	1
Nairn	1022.6	*	WNW	2	bc	48	85	8	~~4000~~ 2500'	Cu.Nb	7	-	7	*
Aberdeen	1022.4	+3	WNW	2	b-	50	85	8	2500	Cu	2	-	2	0
Malin Head	1023.9	+2	W	3	c/d	54	85	8	4000	Cu.Nb	9	-	9	1
Renfrew	1023.2	+2	W	2	bc	51	75	9	4000	Cu	1	Ci	3	*
Edinburgh (Inchkeith)	1021.8	+2	WNW	2	bc	55	65	8	4000	Cu	3	A.Cu	5	1
Leuchars	1022.2	+3	-	0	bc	52	75	9	4000	St.Cu	6	-	6	*
Eskdalemuir	1023.5	+3	NW	3	bc	46	85	8	4000	Cu	2	Ci	4	*
Tynemouth	1022.5	+2	NNW	1	bc/r	51	85	8	1500	Cu	3	-	3	0
Blacksod Point	1026.1	+1	NW	3	bc	56	65	8	*	Cu	7	-	7	3
Donaghadee	1024.3	+2	NW	1	c	54	75	8	4000	St.Cu	8	-	8	1
Birr Castle	1026.5	*	W	1	c	56	85	7	2500	St.Cu	9	-	9	*
Holyhead	1024.9	+1	WNW	3	c+	56	75	8	4000	St.Cu	9	-	9	1
Liverpool (Bidston)	1024.5	0	W'N	3	bc+	54	75	9	2500	Cu	3	Ci	6	*
Chester (Sealand)	1024.3	+2	WNW	3	bc+	54	75	8	4000	Cu	2	Ci	5	*
Harrogate	1023.4	+1	SW	1	b	50	85	8	4000	St.Cu	2	-	2	*
Spurn Head	1023.1	0	NNE	3	bc	55	75	7	4000	Cu.Nb	4	A.St	7	1
Birmingham (Edgbaston)	1024.8	+1	NW	3	bc	55	55	5	4000	Cu	2	Ci.Cu	4	*
Cranwell	1023.7	+1	W'N	2	b-	51	85	6	4000	St.Cu	2	-	2	*
Gorleston	1022.8	+1	-	0	bc	59	65	6	2500	St	2	A.St	5	0
Valentia (Cahirciveen)	1027.3	+1	NNW	2	c	56	65	9	4000	St.Cu	9	-	9	0
Roches Point	1026.4	+1	N	2	c	57	75	9	4000	St.Cu	9	-	9	0
Pembroke (St. Ann's H.)	1025.0	-1	N	1	bc-	59	65	9	2500	Cu	3	Ci	5	0
Ross-on-Wye	1024.4	0	NW'N	2	bc-	55	65	9	4000	St.Cu	3	Ci	4	*
Leafield	1024.6	0	NNW	2	b-	51	75	8	4000	St.Cu	2	A.Cu	2	*
Winchester (Worthy Dn.)	1024.1	+1	NNW	1	b	53	65	8	4000	St.Cu	1	-	1	*
S. Farnborough	1023.9	+2	N	1	b-	51	65	7	5700	St.Cu	1	A.St	2	*
London (Kew Obsy.)	1024.0	+1	NNW	1	b	57	55	6	-	-	0	A.Cu	1	*
Croydon	1023.8	+1	NW'N	2	b	57	55	6	4000	St.Cu	1	-	1	*
Shoeburyness	1023.4	-1	NW	1	b	52	85	7	4000	St.Cu	1	-	1	*
Clacton-on-Sea	1023.5	+2	NNW	2	bc	58	55	7	4000	Cu	3	-	3	0
Felixstowe	1023.6	+1	-	0	b	55	65	7	4000	Cu	1	-	1	0
Lympne	1023.6	+2	NNE	2	bc	55	55	6	-	-	0	A.Cu	3	*
Scilly (St. Mary's)	1025.2	-1	NNE	4	bc	55	75	9	4000	Cu	4	-	4	3
Falmouth (Pendennis)	1024.5	0	NNE	3	bc-	56	65	8	4000	Cu	2	Ci.St	4	0
Plymouth (Cattewater)	1024.3	+1	N	4	bc-	58	55	9	5700	Cu	3	Ci	4	0
Portland Bill	1023.3	-1	N	3	b	58	65	6	2500	Cu	2	-	2	0
Southampton (Calshot)	1023.8	+1	N'E	2	bc	60	55	7	4000	Cu	1	Ci	3	0
Dungeness	1023.5	+2	E	1	c+	59	97	8	4000	St.Cu	5	Ci.Cu	5	1
Guernsey (Fort George)	1023.7	0	NE'N	3	b-	58	65	8	-	-	0	A.Cu	1	3

LONDON OBSERVATIONS. Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 8h-20h, other stations.

Station	Height above M.S.L. in feet	Weather Morning (24 hours ended 8h)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 8h. G.M.T. % To-day	Visibility 9h
Kew	18	bwbo	bcy	bcbjw	62	40	30	-	-	8.8	*	*	5
Croydon	244	bcmoc	cbcq	bcmo	64	38	32	-	Tr	8.7	*	*	4
Greenwich (Royal Obsy.)	149	bcm	cb	bcmf	64	37	25	-	-	7.4	42	84	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	7.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	65	43	35	-	-	6.8	46	79	*
Regent's Pk. (Botanic Gdns.)	186	*	*	*	*	*	*	*	*	6.6	*	*	*
Camden Square	110	bc	cbc	*	68	44	*	-	-	*	*	85	*
Kensington Palace	80	b	b	*	65	41	31	-	-	*	(At 18h. 32)	81	*
Hampstead Observatory	450	*	*	*	66	42	35	-	Tr	9.1	*	85	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 7h. G.M.T. 21st

South Kensington Max.	Time.	Min.	Time.
1.0	21st 7h	<0.3	20th 15h

Kew Observatory Max.	Time.	Min.	Time.
0.3	20th 8h	<0.1	20th 15h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 19h. 00m. to 21st 4h. 45m.

Stars.	Exposure. h. m.	Record h. m.	%
Polaris	9 45	9 45	100
δ Ursae Minoris	9 45	9 45	100

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 21st and 22nd Sept., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.38 5.40	11.46 11.46	17.53 17.51
Greenwich	5.45 5.47	11.53 11.53	18.0 17.57
Wick	5.56 5.58	12.6 12.5	18.14 18.11
Valentia	6.26 6.28	12.34 12.34	18.41 18.39

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 550—1000 m.
F thick fog, less than 550 m.
m mist, 1000—1999 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening skys.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. 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.
† "sunshine" divides actual existing weather from preceding conditions. Rpw—b/r = fair weather after rain; - = has decreased; + = has increased.

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

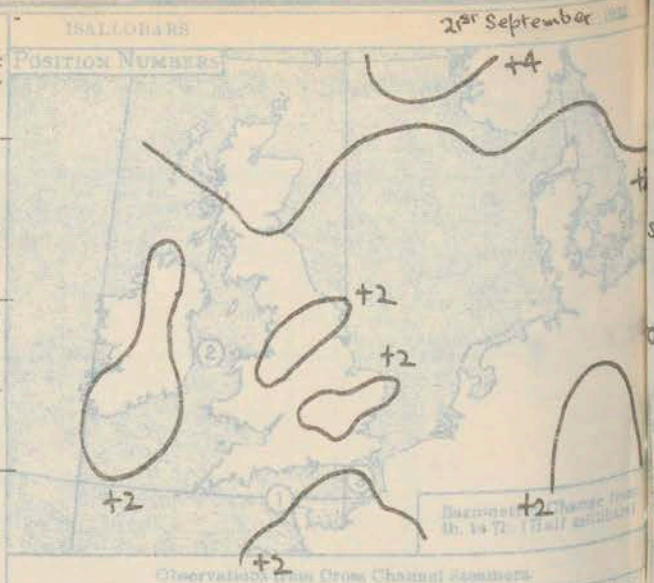
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 20th	18h.-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.	began.	Night, 18h.-7h. mm.	began.	SUN 20th Hours. 2.1
Lerwick	cipr₀	cipr₀	bc	bc	51	42	•	0.2	<8.00	–	–	~~1.5~~
Stornoway	p	c	b	p	56	36	•	0.2	<8.00	0.4	<21.00	8.7
Wick	bcpr₀	bcpr	bcprc	p₀rbc	52	36	•	1	<8.00	0.6	<21.00	•
Tiree	bc	bcc	cbc	bccr	56	49	48	–	–	1	4.30	7.9
Nairn	bcp	bcPR	bcw	bc	56	35	•	1	11.00	–	–	4.7
Aberdeen	bcc	cb	bwm₀	bwm₀	57	39	35	–	–	–	–	7.0
Malin Head	bccp₀	cd₀	cidm₀	oDdcir	55	52	•	1	9.00	3	22.00	0.9
Renfrew	cp₀bcy	bcy	bcbw	bccmF	59	40	34	Tr.	<8.00	–	–	7.4
Edinburgh (Inchkeith)	cbc	bbc	bcb.	bbcwm₀iy	59	44	39	–	–	Tr	–	8.7
Leuchars	p₀bcbcy	bcvy	bcb	bbcwxc	58	38	30	Tr.	<8.00	–	–	6.5
Eskdalemuir	bcpr	bcprhr₀rbc	bcbbz	bxcb	56	29	25	2	9.00	–	–	5.3
Tynemouth	bc	bcp	bcff	bcm₀	60	42	36	1	15.30	–	–	•
Blacksod Point ...	c	c	b	c	60	52	•	–	•	–	•	•
Donaghadee	cbc	cpr₀c	bcp₀r	cir₀	58	48	•	0.2	14.30	4	<21.00	•
Birr Castle	c	c	cbc	bcm₀	60	38	28	–	–	–	–	2.5
Holyhead	bc	bcbbc	c	cbcwc	58	54	50	–	–	–	–	9.0
Liverpool (Bidston) ...	cpp₀v	bbcv	ybcop	com₀	57	51	45	0.5	9.00	1	<21.00	6.8
Chester (Sealand) ...	bcc	bcy	bccRr	bccm₀rm	58	47	44	–	–	5	<21.00	7.9
Harrogate	bbcv	bcb	b	bw	59	40	36	–	–	–	–	8.9
Spurn Head	bc	bc	cpr₀bc	bc	59	46	•	–	–	Tr	<21.00	10.1
Birmingham (Edgbaston)	bbc	cbc	bc	bcf	61	45	35	–	–	–	–	7.0
Cranwell	bc	c	bw	bbFf.	60	37	32	–	–	–	–	8.6
Gorleston	bz₀bc	bc	bcb	bwbcz₀	62	41	40	–	–	Tr	–	8.0
Valentia (Cahircivean)	cp₀bc	bccv	o	ow	58	51	49	0.1	<8.00	Tr	–	1.0
Roches Point	c	cv	cvbcw	bcbw	60	45	•	–	–	Tr		•
Pembroke (St. Ann's H.)	bc	cbc	bcb	bbc	60	50	•	–	–	–	–	8.9
Ross-on-Wye	bbcvy	bcvycvbc	bxbw	bmwbcmc	62	39	32	–	–	–	–	8.0
Leafield	bbc	bc	b	bbc	59	40	30	–	–	–	–	8.7
Winchester (Worthy Dn.)	bcbbcy	bcyb	bbm₀	bbcm₀bm₀	64	38	28	–	–	–	–	9.8
S. Farnborough ...	cm₀xbbcy	bcyb	b	bbcxm₀	65	33	21	–	–	–	–	8.8
London (Kew Obsy.) ...	bwcbc	bcy	bm₀w	bxmbcfo	62	40	30	–	–	–	–	8.8
Croydon	bcm₀c	cbcy	bywm₀	bm₀wm	64	38	32	–	–	Tr	–	8.7
Shoeburyness	bbc	bc	b	b	64	41	31	–	–	–	–	9.2
Clacton-on-Sea ...	bcy	bcy	bcyb	bbcm	64	43	40	–	–	–	–	9.6
Felixstowe	bm₀bcy	bc by	bm₀	bwm	64	42	34	–	–	Tr	–	9.4
Lympne	cz₀bcy	bcybcz₀	bcbbc	bbcm₀	62	42	30	–	–	–	–	8.1
Scilly (St. Mary's) ...	bc	bc	bcb	bbc	62	53	•	–	–	–	–	8.2
Falmouth (Pendennis)	bc	bc.	bcb..	bbc	62	48	•	–	–	–	–	8.0
Plymouth (Cattewater)	bcby	bcyvb	bcvb	bwbc	64	46	30	–	–	–	–	8.8
Portland Bill	cbc	bcbz₀	b	bbcz₀	65	49	•	–	–	–	–	•
Southampton (Calshot)	bcm₀by	bcy	b	b, bc	65	43	38	–	–	Tr	–	8.4
Dungeness	bc	bcbcc	cbcb.	bzbcm	65	39	•	–	–	–	–	•
Guernsey	cbcy	bcb	b.	bbcq₀	64	56	•	–	–	–	–	



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind* Direc.	Wind* Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	20th 10h	Scotia	WNW	4	c	53	61	8
1	20th 12h	St Julien	NE'N	4	b	60	61	8
3	21st 1h	Brighton	E	4	b	58	62	

GENERAL INFERENCE.

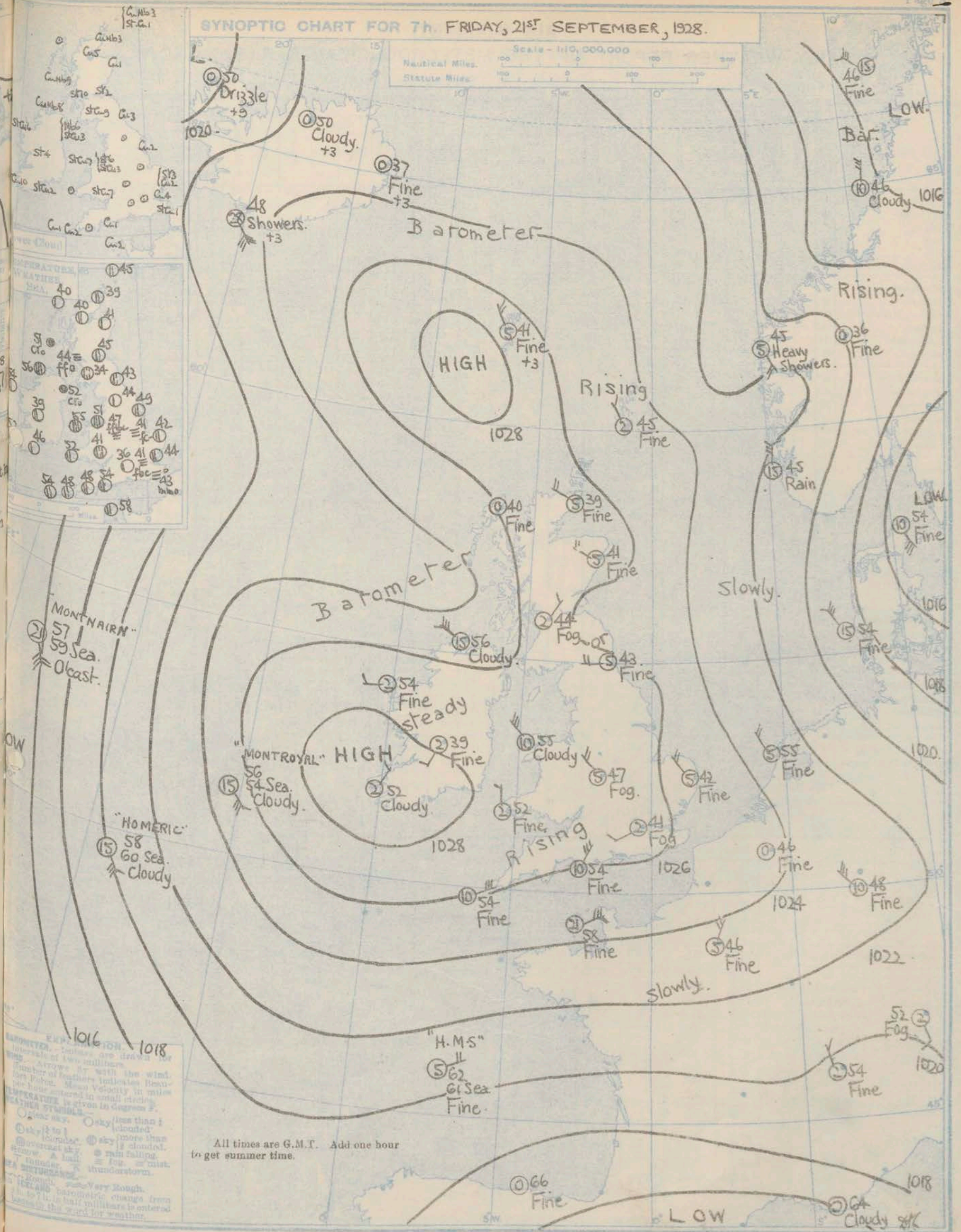
An extensive anticyclone, with centres of high pressure over Southern Ireland and to the north of Scotland will maintain quiet and mainly fair weather over the greater part of the British Isles. Over Northern Ireland, Southern Scotland and Northern England there may be some local rain or drizzle.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 21st September, 1928.	Further Outlook.
1. S.E. England	As 3 - 6.	Mainly fair.
2. E. England 3. E. Midlands	Northerly to variable winds, light to moderate; cloudy at times with perhaps local drizzle and mist near coasts; moderate temperature, ground frost inland at night.	
4. W. Midlands 5. S.W. England 6. South Wales	Northeasterly to variable winds, light or moderate; cloudy periods; some morning fog locally; cooler than of late with slight ground frost locally at night.	
7. North Wales 8. N.W. England	Variable winds, light or moderate; cloudy periods; local showers or drizzle; coastal mist or fog, night and morning; moderate day temperature, ground frost locally at night.	
9. N. Midlands	As 3 - 6.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Variable winds, mainly light; bright periods but chance of local drizzle and mist today; some morning fog; moderate day temperature, ground frost locally at night.	
13. (A.W. Scotland (B.N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Easterly or variable winds, light or moderate; some bright periods; local showers, particularly in coastal districts; moderate day temperature, ground frost at night.	
17. N.W. Ireland	Freshening southwest to south winds; bright periods today, less settled tomorrow; moderate temperature.	
18. N.E. Ireland	As 10 - 13A.	
19. S.E. Ireland 20. S.W. Ireland	Southeasterly winds, light or moderate; mainly fair; moderate temperature, ground frost inland at night.	

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 page 1

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION......Friday 21st September......1928. No. 265.

Observations at 1h. 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1022.5	+3	N'W	1	bc	45	65	8	2500	StCu	4	ASt	7
Stornoway	30	1024.5	0	–	0	b–	*	*	8	*	*	*	*	0
Wick	82	1024.4	+1	W	1	c	44	97	8	1500	Nb	8	–	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1024.8	–1	W	4	oDD	55	97	5	4000	Nb	10	–	10
Renfrew	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1024.8	+3	WSW	1	b	46	85	8	–	–	0	ACu	1
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	97	1024.9	+1	W	2	bcff	46	92	6	1500	Cu	3	–	3
Blacksod Point	18	1026.4	0	NW	2	bc	50	75	8	*	Cu	3	–	3
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1026.3	+2	NNW	3	c	56	85	7	1500	St	6	CiSt	9
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1024.7	+1	NNW	3	bc	50	92	7	4000	CuNb	3	–	3
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1025.5	0	W'N	3	b–	43	97	6	–	–	0	–	0
Gorleston	14	1024.1	+1	WNW	2	b	47	92	6	–	–	0	–	0
Valentia (Cahirciveen) P	30	1028.0	0	–	0	0	53	85	9	*	St	10	–	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1026.5	+1	NNE	2	b	50	85	8	–	–	0	–	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1025.8	+1	W	1	b	42	92	5	–	–	0	–	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1025.0	+1	N	3	b–	45	85	7	–	–	0	–	0
Scilly (St. Mary's)	163	1025.9	0	NE	3	b	53	75	8	4000	Cu	1	–	1
Falmouth (Pendennis)	200	1025.7	0	NNE	3	b	51	75	8	–	–	0	–	0
Plymouth (Cattewater)	83	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1025.0	0	NE	3	b	52	75	6	–	–	0	–	0
Southampton (Calshot)	10	1025.8	+1	N'W	2	b	49	75	7	–	–	0	–	0
Dungeness	20	1024.9	+1	NNE	2	b–	44	97	7	–	–	0	–	0
Guernsey (Fort George) P	295													

Observations at 7h. 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1024.7	+2	NW	1	bc	45	75	8	1500	Cu	4	–	4	*
Stornoway	1025.7	+3	–	0	b	40	97	8	–	–	0	ACu	2	0
Wick	1026.4	+2	WNW	2	bc	39	85	8	1500	CuNb	3	–	3	0
Tiree	1025.7	+1	SE	2	cr0	51	97	9	2500	CuNb	9	–	9	1
Nairn	1026.4	*	–	0	bc	40	85	8	2500	Cu	5	–	5	*
Aberdeen	1026.9	+2	WSW	2	b	41	97	6	2500	Cu	1	–	1	
Malin Head	1025.2	+2	WNW	4	c/p	56	92	7	4000	CuNb	8	–	8	3
Renfrew	1026.4	+1	NE	1	fe0	44	97	3	2500	St	10	–	10	*
Edinburgh (Inchkeith)	1025.8	+1	W	2	mbc	45	92	4	1500	St	2	ACu	4	0
Leuchars	1027.1	+3	–	0	bc	40	92	8	4000	StCu	7	–	7	*
Eskdalemuir	1027.0	0	–	0	c	34	97	8	5700	StCu	9	–	9	*
Tynemouth	1026.2	+1	W	2	bc	43	92	5	1500	Cu	3	Ci	4	
Blacksod Point	1027.2	+1	W	1	bc	54	85	8	*	StCu	6	–	6	1
Donaghadee	1025.2	0	WSW	1	cr0	52	92	7	2500	Nb	9	–	9	*
Birr Castle	1028.1	*	SW	1	bc–	39	92	6	450	St	4	Ci	6	1
Holyhead	1026.7	+1	NW'N	3	c	55	85	8	4000	StCu	7	CiSt	9	*
Liverpool (Bidston)	1026.9	+2	–	0	c–	51	85	6	4000	St	9	–	9	*
Chester (Sealand)	1026.5	+2	–	0	mmo	49	97	4	1500	StCu	9	–	9	
Harrogate	1026.3	+2	SW	1	b	44	75	7	–	–	0	Ci	2	*
Spurn Head	1025.9	+1	NW	3	bc+	49	85	7	4000	Cu	2	CiCu	7	1
Birmingham (Edgbaston)	1027.2	+1	WNW	2	ffbc	47	92	3	–	–	0	ACu	6	*
Cranwell	1026.9	+1	NW'N	1	fo–	41	97	3	–	–	0	CiCu	9	*
Gorleston	1024.9	+2	NW	2	bc–	42	97	5	1500	St	5	–	5	0
Valentia (Cahirciveen)	1028.2	+2	NE'N	1	c	52	85	8	5700	StCu	10	–	10	0
Roches Point	1028.3	+2	N	2	b	46	97	8	4000	StCu	2	–	2	0
Pembroke (St. Ann's H.)	1027.5	+1	N	1	bc+	52	85	8	–	–	0	CiSt	6	0
Ross-on-Wye	1027.0	0	NW	1	c	41	92	8	4000	StCu	7	Ci	8	*
Leafield	1027.1	+2	NW'N	1	bc	45	92	8	–	–	0	ACu	7	*
Winchester (Worthy Dn.)	1026.6	+1	–	0	b	39	92	6	–	–	0	Ci	2	*
S. Farnborough	1026.4	+1	W	2	b	36	97	5	–	–	0	Ci	2	*
London (Kew Obsy.)	1026.8	+2	SW'W	1	fbc–	41	97	3	–	–	0	CiSt	2	*
Croydon	1026.6	+1	–	0	mmb	40	97	4	–	–	0	Ci	1	*
Shoeburyness	1025.8	+1	NW	2	b	45	92	7	–	–	0	–	0	*
Clacton-on-Sea	1025.5	+1	NW	4	bc	44	92	6	7200	Cu	4	–	4	2
Felixstowe	1025.6	+1	NNW	3	b	44	97	5	–	–	0	ACu	1	1
Lympne	1025.3	+1	N	3	bc	44	92	5	–	–	0	ACu	3	*
Scilly (St. Mary's)	1026.8	0	ENE	3	bc	54	75	[illegible]	4000	Cu	1	Ci	3	1
Falmouth (Pendennis)	1026.3	+1	NNE	3	bc+	48	85	8	4000	Cu	2	CiSt	4	0
Plymouth (Cattewater)	1026.7	+1	ENE	2	bc	48	85	[illegible]	–	–	0	Ci	5	0
Portland Bill	1025.6	0	NNE	3	bc	54	75	[illegible]	2500	Cu	1	Ci	3	1
Southampton (Calshot)	1026.6	+2	NW	2	b–	45	92	6	–	–	0	Ci	2	0
Dungeness	1025.7	+2	NNE	2	mmbc	43	97	4	4000	StCu	1	CiSt	4	1
Guernsey (Fort George)	1025.0	+2	ENE	5	bc+	58	75	8	2500	Cu	2	ACu	4	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th September.

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Min. 9h. 19th to 9h. 20th °F (4)	Max. 9h.–17h. 20th °F (5)	Rainfall Night 17h.–9h. 19th–20th mm. (6)	Rainfall Day 9h.–17h. 20th mm. (7)	Sunshine Sunrise to 17h. 20th hr. (8)	Sunshine Sunrise to Sunset 19th hr. (9)
Berwick-on-Tweed	cbc	bc	42	56	–	–	8.6	9.4
Douglas (I. o. M.)	b	c	43	58	–	–	7.9	9.7
Llandudno	bcb	bc	51	58	0.3	–	8.2	10.2
Colwyn Bay	bbcb	b	48	59	1	–	8.8	10.6
Rhyl	bc	bc	44	58	3	–	7.4	10.6
Wallasey	bccp	bbcb	51	59	Trace	Trace	6.0	10.0
Southport	bbcc	cbco	*51	58	–	–	8.0	9.8
Blackpool	cbc	bcc	52	60	0.3	–	7.8	9.3
Ilkley	bc	bc	37	60	0.1	–	6.6	8.8
Cleethorpes	b	bc	41	61	–	–	8.7	8.2
Skegness	bbcbb	bbcc	39	62	–	–	7.7	8.0
Aberystwyth	bc	bbc	43	59	–	–	9.4	10.9
Bath	b	bbcc	37	62	–	–	7.0	9.0
Cheltenham‡	bbc	bc	40	62	–	–	8.7	9.2
Leamington Spa	c	c	38	61	–	–	6.2	7.7
Lowestoft	b	bc	41	63	–	–	8.4	7.2
Harwich & Dovercourt	b	bc	44	64	–	–	10.1	5.7
Maldon	b	bcb	38	63	–	–	7.8	4.9
Southend	b	b	46	67	–	–	8.8	5.5
Ilfracombe	b	b	48	63	–	–	9.5	10.0
Bude	wbbc	bcb	39	61	–	–	7.6	8.8
Penzance	bcb	b	51	65	–	–	7.6	5.2
Paignton	bwy	bbcby	45	63	–	–	6.8	7.3
Torquay	bbc	bcy	48	64	–	–	6.8	8.5
Jersey	bc	b	54	67	–	–	8.0	10.0
Weymouth	b	b	48	68	–	–	9.0	7.3
Bournemouth	cb	bbc	42	64	–	–	8.1	7.5
Ventnor	b	b	55	67	–	–	7.9	5.7
Portsmouth (S'thsea)	b	b	45	64	–	–	7.8	6.3
Bognor	cbc	bc	47	65	–	–	7.0	5.2
Littlehampton	bc	bc	46	64	–	–	6.4	6.2
Worthing	bcb	bcb	45	63	–	–	8.0	5.5
Brighton	bc	bc	45	65	–	–	7.6	5.3
Eastbourne‡	cbc	bcb	47	67	–	–	7.5	2.7
Hastings‡	cbc	bcbbc	48	64	–	–	6.5	3.7
Folkestone	cm	bc	49	64	–	–	6.2	3.6
Dover	cbc	bcq	47	62	–	–	7.8	3.8
Tunbridge Wells	b	bbcb	37	65	–	–	7.8	4.1
Ramsgate	b	b	50	63	–	–	9.9	5.2
Margate	bcb	bc	54	63	–	–	10.2	4.9
Deal	bc	bc	45	65	–	–	8.2	4.1

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24410 Saturday, 22nd September 1928. Page 1.

Observations at 15h. G.M.T. 21st

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	1026.7	0	N'E	3	bc	51	75	8	1500	Cu	7	CiCu	7	•
Stornoway	1029.2	+3	NE	3	b	53	75	8	4000	Cu	2	–	2	•
Wick	1029.2	+3	NW	2	bc	52	85	8	1500	CuNb	3	–	3	•
Tiree	1028.1	+1	ENE	3	bv	56	85	9	–	–	0	CiCu	2	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1028.6	+2	N	2	cro	50	85	8	2500	Cu	8	–	8	1
Malin Head	1026.9	+3	E	3	bc–	56	92	8	4000	Cu	2	CiCu	3	•
Renfrew	1027.2	0	NE	1	bc	58	55	8	4000	Cu	4	–	4	1
Edinburgh (Inchkeith)	1027.2	+1	E	3	bc	57	65	8	4000	Cu	2	ACu	3	•
Leuchars	1028.3	+2	E	2	bc+	56	65	8	4000	StCu	4	ACu	5	1
Eskdalemuir	1026.6	0	SE	1	c	53	55	8	2500	StCu	8	–	8	1
Tynemouth	1027.2	+1	NNE	2	bc+	55	85	8	1500	Cu	6	–	6	•
Blacksod Point	1027.9	–1	WNW	3	c	57	85	7	•	–	0	ASt	10	•
Donaghadee	1026.1	+2	ENE	3	c–	56 ~~58~~	92	7	2500	StCu	8	–	8	•
Birr Castle	1028.3	•	W	2	c+	60	75	7	1500	Cu	8	–	8	•
Holyhead	1027.0	0	NW'W	4	cd	56	85	6	4000	Nb	7	ASt	10	5
Liverpool (Bidston)	1026.6	–1	–	0	od	55	85	6	800	Nb	10	–	10	•
Chester (Sealand)	1026.1	–1	–	0	c–	57	85	5	2500	StCu	5	ASt	9	1
Harrogate	1026.1	0	NNW	2	bc	57	55	7	4000	StCu	4	–	4	•
Spurn Head	1026.1	0	N'E	3	bc	55	75	7	4000	Cu	3	ACu	6	•
Birmingham (Edgbaston)	1026.7	0	NNW	2	c	58	55	6	2500	StCu	8	–	8	0
Cranwell	1026.5	–1	N'W	2	c+	60	55	8	4000	Cu	5	Ci	8	0
Gorleston	1025.2	0	NNE	4	bc	58	75	7	4000	Cu	3	Ci	4	•
Valentia (Cahirciveen)	1027.8	–1	ENE	1	bcv	61	55	9	5700	StCu	6	CiCu	7	0
Roches Point	1028.2	0	SW	2	bcv	60	75	9	2500	Cu	3	CiCu	4	•
Pembroke (St. Ann's H.)	1026.7	0	N	2	bc–	62	75	8	4000	Cu	5	Ci	7	•
Ross-on-Wye	1025.6	0	NE'N	2	bc⊕	62	65	8	4000	Cu	3	CiSt	7	0
Leafield	1026.3	0	N'E	3	bc	58	45	8	5700	Cu	1	CiSt	5	0
Winchester (Worthy Dn.)	1025.8	–1	N	3	bc	60	45	8	4000	Cu	2	Ci	5	0
S. Farnborough	1025.4	–1	NE	3	bc	62	45	7	4000	StCu	6	Ci	7	0
London (Kew Obsy.)	1025.6	–2	NE	2	bc	58	55	7	4000	Cu	5	Ci	6	0
Croydon	1025.5	–2	NE	2	bc	59	55	7	4000	Cu	7	–	7	0
Shoeburyness	1025.5	0	NNE	4	bc+	61	55	8	2500	Cu	4	Ci	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1025.2	–1	NE'E	3	bc	60	55	8	2500	Cu	6	Ci	7	0
Lympne	1024.6	–1	NNE	4	bc	58	55	8	4000	Cu	5	Ci	6	0
Scilly (St. Mary's)	1026.4	0	NE	3	bc	62	65	7	4000	Cu	2	CiCu	3	•
Falmouth (Pendennis)	1025.9	0	SE	2	bc	61	55	8	4000	Cu	2	CiSt	3	•
Plymouth (Cattewater)	1026.0	–2	NE	2	bv	65	45	9	4000	Cu	1	CiCu	2	0
Portland Bill	1025.6	0	NNE	3	c+	63	55	8	2500	Cu	8	–	8	•
Southampton (Calshot)	1025.5	–2	N	3	bc	62	45	7	2500	Cu	2	Ci	4	0
Dungeness	1025.0	–2	E	3	bc+	62	–	8	4000	Cu	6	CiCu	7	•
Guernsey (Fort George)	1025.4	–1	NE	5	b	60	55	8	2500	Cu	1	Ci	2	•

Observations at 18h. 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	Sea. 0-9
Lerwick	1028.9	+2	N	3	c	49	65	8	2500	StCu	8	–	8	•
Stornoway	1030.8	+2	NE	3	b	49	85	8	–	–	0	ACu	2	2
Wick	1030.2	+1	NNW	2	bc	50	85	8	2500	Cu	3	CiSt	5	0
Tiree	1028.9	0	NNE	3	bv–	52	92	9	4000	Cu	1	CiCu	2	1
Nairn	1030.1	•	E	2	bc	48	75	8	1500	St	3	CiCu	5	•
Aberdeen	1030.2	+3	NNW	2	b	47	75	8	2500	Cu	1	Ci	1	0
Malin Head	1028.2	+2	ENE	3	bc	54	75	8	5700	StCu	1	Ci	7	1
Renfrew	1028.6	+2	ENE	2	b–	53	65	7	4000	Cu	1	Ci	1	•
Edinburgh (Inchkeith)	1028.9	+2	ENE	3	bv	52	75	9	–	–	0	ACu	3	1
Leuchars	1028.7	+2	ENE	1	b	49	85	8	4000	StCu	2	–	2	•
Eskdalemuir	1028.9	+3	NE	2	bc	45	85	8	4000	StCu	2	Ci	4	•
Tynemouth	1028.5	+1	NNE	3	bc	51	75	8	1500	Cu	3	–	3	2
Blacksod Point	1027.9	0	WNW	1	bc	57	85	7	•	Cu	5	–	5	1
Donaghadee	1027.3	+1	NE	1	bc–	54	85	7	4000	StCu	3	Ci	5	1
Birr Castle	1028.0	•	W	1	bc–	59	85	7	2500	StCu	2	Ci	5	•
Holyhead	1026.2	–1	NNW	4	c	57	85	7	2500	StCu	9	–	9	4
Liverpool (Bidston)	1026.7	0	E'N	2	odo	52	92	4	2500	St	10	–	10	•
Chester (Sealand)	1026.5	+1	ENE	2	dr	52	92	5	1500	StCu	10	–	10	•
Harrogate	1028.1	+2	E	3	c	51	75	8	4000	Nb	9	ASt	10	•
Spurn Head	1026.5	0	N'E	4	bc	52	75	7	4000	CuNb	4	ACu	6	2
Birmingham (Edgbaston)	1026.6	0	NW	2	ofo	53	75	6	2500	Nb	10	–	10	•
Cranwell	1026.9	+1	ENE	3	c	53	85	8	4000	StCu	9	ASt	10	•
Gorleston	1025.4	0	N'E	3	bc	55	65	7	2500	Nb	2	ASt	5	1
Valentia (Cahirciveen)	1027.1	–1	ENE	3	bc	58	65	8	4000	StCu	5	CiCu	6	0
Roches Point	1027.6	–1	S	1	bcv	58	75	9	2500	Cu	1	Ci	4	0
Pembroke (St. Ann's H.)	1026.4	–1	N	2	bc	56	85	8	2500	Cu	1	CSt	7	0
Ross-on-Wye	1025.9	0	NNE	2	odo+	55	85	8	2500	St	10	–	10	•
Leafield	1025.8	–1	N'W	2	c	55	65	8	–	–	0	ASt	10	•
Winchester (Worthy Dn.)	1025.4	0	NNE	1	c+	56	65	7	4000	StCu	8	Ci	9	•
S. Farnborough	1025.2	+1	NNE	3	c+	57	55	7	5700	StCu	9	–	9	•
London (Kew Obsy.)	1025.5	0	NNE	2	c+	58	45	6	–	–	0	ACu	8	•
Croydon	1025.2	0	NNE	2	c+	56	55	5	5700	StCu	3	ACu	8	•
Shoeburyness	1025.5	0	ENE	2	bc	53	85	8	2500	Cu	5	ASt	7	•
Clacton-on-Sea	1025.3	+1	NE	4	bc	58	65	7	4000	Cu	7	–	7	3
Felixstowe	1025.8	+2	NE	2	b	51	65	8	–	–	0	CiCu	1	1
Lympne	1024.8	+1	ENE	3	bc+	54	65	7	4000	StCu	5	ASt	7	•
Scilly (St. Mary's)	1026.1	0	NE	4	bc+	57	85	8	4000	StCu	3	CiSt	7	1
Falmouth (Pendennis)	1025.4	–1	N	3	bc–	58	85	8	4000	Cu	2	CiCu	4	1
Plymouth (Cattewater)	1025.7	0	S	1	b–	57	75	8	4000	Cu	1	CiSt	2	0
Portland Bill	1024.6	0	NNE	2	bc	59	55	8	2500	StCu	4	Ci	7	1
Southampton (Calshot)	1025.2	0	NE'N	2	bc+	60	55	7	–	–	0	ACu	6	0
Dungeness	1025.2	0	NE	3	bc	57	~~75~~	8	2500	Cu	4	ACu	7	2
Guernsey (Fort George)	1024.7	0	NE	5	bc+	57	75	8	2500	Cu	3	Ci	7	4

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

Station	Heights above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	b,cbc	bycy	cy bcw	61	43	30	–	–	7.9	•	•	6
Croydon	244	bbcwy	cbcy3o	bcm,bw	61	42	32	–	–	6.1	•	•	5
Greenwich (Royal Obsy.)	149	b bc	bcb	b,bcbw	63	41	28	–	–	7.1	43	70	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7.6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	63	45	39	–	–	7.7	49	69	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	6.7	•	•	•
Camden Square	110	bc	cbc	•	64	44	x	–	–	•	•	73	•
Kensington Palace	80	b	b	•	63	45	34	–	–	•	(At 18h.) 47	63	•
Hampstead Observatory	450	•	•	•	60	41	33	–	–	8.8	•	74	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 22nd

South Kensington

Max.	Time.	Min.	Time.
1.0	21st 8h	<0.3	22nd 3h

Kew Observatory

Max.	Time.	Min.	Time.
0.4	21st 8h	<0.1	21st 13h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st Sept. 19h. 0m. to 22nd Sept 4h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9.45	7 6	73
δ Ursae Minoris	9.45	7 2	72

CODE FOR STATE OF GROUND.

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 22nd & 23rd Sept., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.40 / 5.42	11.46 / 11.46	17.51 / 17.48
Greenwich	5.47 / 5.49	11.53 / 11.52	17.57 / 17.55
Wick	5.58 / 6.0	12.5 / 12.5	18.11 / 18.6
Valentia	6.28 / 6.30	12.34 / 12.33	18.39 / 18.36

BEAUFORT NOTATION OF WEATHER.

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

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

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

SEA DISTURBANCE.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

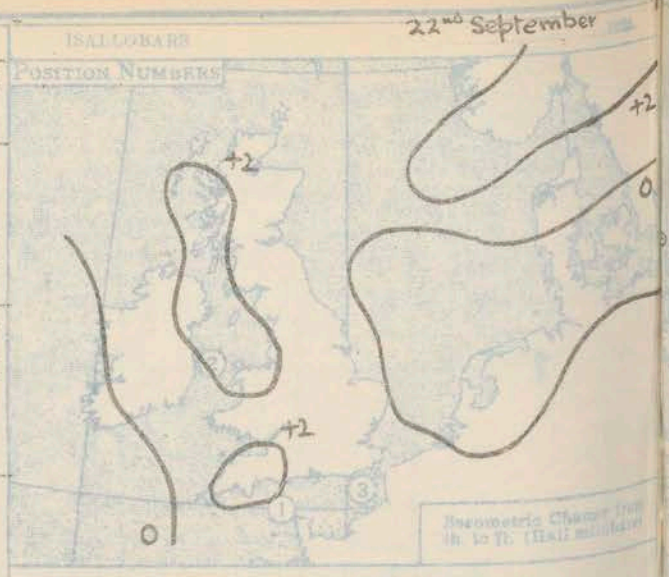
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 21st	18h.-18h. 21st	18h. 21st to 1h. 22nd	1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN on Grass	RAINFALL‡ Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN. 21st Hours.
Lerwick	bc	bcc	c	c	53	41	•	–	–	–	–	8.8
Stornoway	bbc	bbc	b	c	53	36	•	–	–	–	–	10.7
Wick	bbc	c	b	b	51	42	•	–	–	–	–	•
Tiree	r.cbc	bc	b	bbc	57	41	30	Tr	<8.00	–	–	5.6
Nairn	bc	bc	bcw	bc	53	36	•	–	–	–	–	9.8
Aberdeen	bbccpr.	cb	b, cpr	c	54	39	36	Tr	12.30	0.2	24.00	7.9
Malin Head	cp.ebc	bccbc	bcb	bbc	58	46	•	Tr	9.00	–	–	4.1
Renfrew	cffbcy	bcy	bbm.	bm, bcFx	59	30	25	–	–	–	–	6.2
Edinburgh (Inchkeith)	mmbc	bbc	bcb	bbc	58	44	35	–	–	–	–	10.2
Leuchars	bc	bccb	b	bbcx	57	35	27	–	–	–	–	7.6
Eskdalemuir	c	cybc	bcb	bx	56	31	26	–	–	–	–	3.0
Tynemouth	bc	bc	bc	bc	55	41	38	–	–	–	–	•
Blacksod Point ...	c	p.c		c	59	51	•	0.2	•	–	•	•
Donaghadee	circ	cbc	bc	bc	58	49	•	2	<8.00	–	–	•
Birr Castle	bcc	cbc	bc	cm.	62	50	42	–	–	–	–	8.3
Holyhead	cpr.	c	bc.bz.	bz.m.	59	48	45	Tr	11.00	–	–	1.5
Liverpool (Bidston) ...	p.dm.	r.Dm	mom.b	bbmw	56	43	35	2	9.00	Tr	<21.00	0.0
Chester (Sealand) ...	cmmd.f.r.	cr.r.m.	od.f F	bffF	58	35	30	2	11.00	Tr	<21.00	0.0
Harrogate	bbc	bcc	cb	bbcc	58	39	34	–	–	–	–	6.1
Spurn Head	bc	bc	cprbcv	bcpr	59	45	•	–	–	0.6	<21.00	7.9
Birmingham (Edgbaston)	bcc	cpr.	oc	cb	58	41	36	Tr	16.30	–	–	3.4
Cranwell	cfmcc	c	c	wbbm.	60	37	33	–	–	–	–	5.9
Gorleston	bc3.bc	bcpq	bcq	bcqpr.	61	47	43	Tr	17.30	0.4	5.30	6.8
Valentia (Cahirciveen)	ocbcy	bcyvc	bw	bwv	61	43	37	–	–	Tr	–	2.6
Roches Point	bbcv	bcv	bcv bw	bbccw	61	47	•	–	–	Tr	–	•
Pembroke (St. Ann's H.)	cbc	bc	bc	bcc	62	50	•	–	–	–	–	9.4
Ross-on-Wye	bccbc	ccd.	cdro	cbbcm	63	41	32	Tr	17.30	1	<21.00	4.0
Leafield	bcy	bbcc	cw	bcb	60	37	34	–	–	–	–	7.9
Winchester (Worthy Dn.)	bm.bc	bcc	cbcb	bbw	62	40	34	–	–	–	–	10.3
S. Farnborough ...	bbcm.y	bccy	ccb	bbx	63	36	21	–	–	–	–	8.8
London (Kew Obsy.) ...	bwcbc	bycy	cybc	bxw	61	43	30	–	–	–	–	7.9
Croydon	bbcmy	cbcy3.	cbcm.	bcbwm.	61	42	32	–	–	–	–	6.1
Shoeburyness	bbc	c	c	bcb	63	41	37	–	–	–	–	7.5
Clacton-on-Sea ...	bcy	bcycbc	bcb	bbc	62	43	40	–	–	–	–	7.2
Felixstowe	bm.bcy	bccyb	b	b	63	43	37	–	–	–	–	7.3
Lympne	bcm.bz.bcy	bcybc	bccr.bc	bbcb	60	43	37	–	–	Tr	<21.00	8.7
Scilly (St. Mary's) ...	bc	bc	b	b	64	54	•	–	–	–	–	10.8
Falmouth (Pendennis)	bc	bc	bc	bc	63	51	•	–	–	–	–	10.6
Plymouth (Cattewater)	bcybv	byvbc	bbc	bccm.w	67	52	48	–	–	–	–	8.3
Portland Bill	bc	cbc	bccz.	cbc	64	50	•	–	–	–	–	•
Southampton (Calshot)	bm.bcy	bcy	bybc	bcm.b	64	46	42	–	–	–	–	10.1
Dungeness	bcmmbc	bcbc	bcbcb	bcd.bc	62	46	•	–	–	Tr	1.30	•
Guernsey	bcbqy	bbcq	bcbq	bbcoq	61	56	•	–	–	–	–	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Motion
2	21st 10h.	Scotia	W	4	c	56	55	7
1	21st 12h.	St. Helier	NE	5	b -	59	61	7

GENERAL INFERENCE.

An anticyclone is centred between Iceland and Northern Scotland. Weather will be fair and quiet over the British Isles, rather cool during the day and cold at night with moderate ground frost in most districts.

Saturday, 22nd. September, 1928.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate northerly winds; fair; cool during day, cold at night with moderate ground frost.	Fair in England, Scotland and Wales with ground frost at night, becoming less settled in Western Ireland.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Light to moderate easterly or northeasterly winds; fair; cool during day, cold at night with moderate ground frost.	
10. N.E. England 11. S.E. Scotland	As 1 - 3.	
12. S.W. Scotland & Isle of Man 13 (A.W. Scotland, B.N.W. Scotland) 14. Mid-Scotland	Light variable winds; fair; cool during day, cold at night with moderate ground frost at night.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 1 - 3.	
17. N.W. Ireland	Light variable winds becoming moderate southeasterly; fair; cool during day, cold with ground frost inland at night.	
18. N.E. Ireland	As 12 - 14.	
19. S.E. Ireland	As 17.	
20. S.W. Ireland	As 17.	

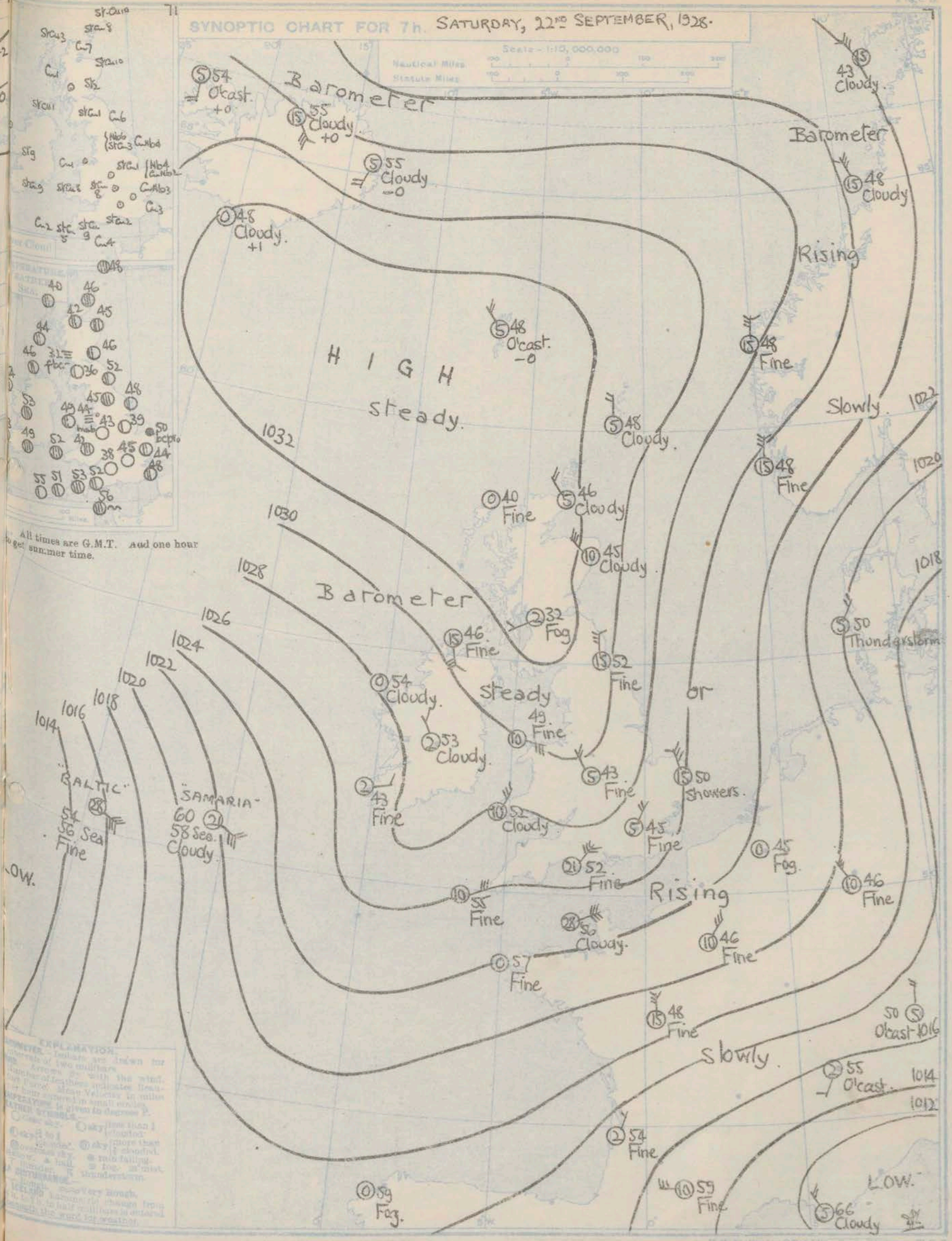
W.H.P.

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

‡ For code see page 1

‡ Trace: rain has fallen, but amount less than 0.1 mm.

SYNOPTIC CHART FOR 7h. SATURDAY, 22nd SEPTEMBER, 1928.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Saturday, 22nd September, 1928. No. 266.

Observations at 1h. 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	64	1030·5	+2	N	1	c	47	75	8	1500	StCu	9	–	9
Stornoway	30	1032·9	+2	E	2	b-	*	*	8	*	*	*	*	2
Wick	81	1032·3	+1	NW	2	bc	45	85	8	2500	StCu	3	–	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	85	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1030·0	+1	E	2	b	52	85	8	–	–	0	–	0
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	200	1031·0	+2	NE	3	b	46	75	9	–	–	0	–	0
Leuchars	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskualemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	87	1030·5	+1	NNW	2	bc+	41	75	8	1500	Cu	7	–	7
Blacksod Point ...	18	Observations not taken												
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	20	1028·2	+2	E'N	5	b	52	85	5	–	–	0	–	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1027·6	0	N'E	5	bc+	52	65	8	4000	CuNb	6	–	6
Birmingham (Edgbaston)	555	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1028·9	+1	NNW	2	b-	41	97	7	4000	StCu	1	–	1
Gorleston	14	1025·8	0	N'E	4	bc	53	75	7	2500	Cu	3	–	3
Valentia (Cahirciveen)¶	30	1028·1	0	S	2	b	52	85	9	–	–	0	–	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1027·3	0	N	1	bc-	51	97	7	–	–	0	CaSt	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	244	1026·6	+1	NNE	3	b-	50	75	6	4000	StCu	2	–	2
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1025·6	+1	N'E	3	b-	44	85	8	–	–	0	–	0
Scilly (St. Mary's) ...	163	1026·3	0	NE'E	4	b	56	85	7	–	–	0	–	0
Falmouth (Pendennis)	300	1025·9	0	NNE	2	bc	55	85	8	4000	StCu	4	–	4
Plymouth (Cattewater)	83	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1025·2	0	NNE	3	c	57	55	6	2500	StCu	10	–	10
Southampton (Calshot)	10	1026·3	+1	NE'E	2	bc-	52	75	6	–	–	0	Ci	4
Dungeness	20	1024·9	0	NNE	1	b-	46	75	8	–	–	0	–	0
Guernsey (Fort George) ¶	205													

Observations at 7h. G.M.T. 22nd

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1030·8	0	N	2	c	48	65	8	1500	StCu	10	–	10	*
Stornoway	1033·0	0	–	0	bc	40	97	8	4000	StCu	3	–	3	0
Wick	1032·9	0	NW	2	c	46	85	8	2500	StCu	8	ASt	10	0
Tiree	1032·3		SE	1	bc	44	97	9	4000	Cu	1	CiCu	3	1
Nairn	1033·2	*	–	0	bc+	42	85	8	2500	Cu	7	–	7	*
Aberdeen	1032·0	+1	WNW	3	c	45	85	8	2500	StCu	10	–	10	0
Malin Head	1031·0	+1	SE'S	4	bc+	46	85	8	5700	StCu	1	Cu	5	1
Renfrew	1032·8	+1	SW	1	fbc	32	97	3	–	–	0	Ci	7	*
Edinburgh (Inchkeith)	1031·6	+1	NNE	3	bc	46	75	8	800	St	2	ASt	7	1
Leuchars	1032·2	+1	W	2	bc	38	92	8	4000	StCu	2	Ci	5	*
Eskualemuir	1032·1	0	SE	1	b	36	92	8	4000	StCu	1	Ci	2	*
Tynemouth	1030·0	0	N	4	bc	52	65	7	1500	Cu	6	–	6	2
Blacksod Point ...	1028·6	0	–	0	c	54	92	8	*	–	0	ASt	10	0
Donaghadee	1031·0	+2	E	3	bc-	50	75	8	4000	Cu	2	Ci	4	2
Birr Castle	1028·7	*	NNW	1	c+	53	97	6	450	St	9	–	9	*
Holyhead	1029·9	+2	E'S	3	bc+	49	85	6	1500	Cu	1	Ci	5	2
Liverpool (Bidston) ...	1030·7	+1	E'N	1	mmb	44	85	4	–	–	0	–	1	*
Chester (Sealand) ...	1030·7	+2	–	0	fb	37	97	2	–	–	0	–	0	*
Harrogate	1030·3	0	N	3	c	45	85	8	4000	Nb	9	–	9	*
Spurn Head	1027·5	0	NW'N	4	bc	48	85	8	4000	CuNb	4	ACu	6	3
Birmingham (Edgbaston)	1029·8	+1	NNW	2	b	43	85	6	–	–	0	–	0	*
Cranwell	1029·9	0	NNW	3	b	39	97	6	4000	StCu	1	–	1	*
Gorleston	1025·3	0	NNW	4	bcfr	50	85	7	1500	Nb	6	–	6	1
Valentia (Cahirciveen)¶	1027·8	0	ENE	1	b	43	85	9	–	–	0	Ci	2	0
Roches Point	1028·1	0	N	1	c	49	97	8	4000	StCu	9	–	9	0
Pembroke (St. Ann's H.)	1027·4	+1	NE	3	c+	52	92	7	1500	StCu	8	ASt	10	0
Ross-on-Wye	1028·9	+1	NE	1	c+	42	97	5	4000	StCu	8	–	8	*
Leafield	1028·8	+1	NNW	3	b	40	97	5	–	–	0	–	0	*
Winchester (Worthy Dn.)	1027·0	+1	NNW	2	b	43	92	8	–	–	0	–	0	*
S. Farnborough ...	1027·5	+1	NNW	1	b	38	97	6	–	–	0	–	0	*
London (Kew Obsy.) ...	1027·6	+1	NNE	2	b	45	85	6	–	–	0	–	0	*
Croydon	1027·2	+1	–	0	b	44	92	5	–	–	0	–	0	*
Shoeburyness	1026·3	0	N	2	b	45	85	7	–	–	0	ACu	1	*
Clacton-on-Sea ...	1026·2	0	N	4	bc	44	85	7	4000	CuNb	3	–	3	1
Felixstowe	1026·0	0	N	3	b	46	85	8	4000	Cu	2	–	2	1
Lympne	1025·0	0	NNE	5	b-	49	75	8	4000	Cu	1	–	1	*
Scilly (St. Mary's) ...	1026·0	0	E'N	3	b	55	92	7	4000	Cu	2	–	2	1
Falmouth (Pendennis)	1025·9	+1	~~NNW~~	2	bc	51	92	7	4000	StCu	5	–	5	0
Plymouth (Cattewater)	1026·6	+2	E	5	c	53	85	6	4000	StCu	9	–	9	0
Portland Bill	1026·4	+2	NE	5	bc-	52	65	8	2500	StCu	2	Ci	3	4
Southampton (Calshot)	1027·0	+1	N'E	3	b-	47	75	8	–	–	0	Ci	1	0
Dungeness	1025·3	-2	N	3	bc	48	75	8	4000	Cu	3	–	3	3
Guernsey (Fort George) ¶	1025·4	+1	ENE	6	c+	56	65	8	2500	Cu	4	ACu	8	6

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 20 to 9h. 21st °F.	Temperature. Max. 9h. 17h. 21st °F.	Rainfall.† Night 17h.-9h. 20-21st mm.	Rainfall.† Day 9h.-17h. 21st mm.	Sunshine. Sunrise to 17h. 21st hr.	Sunshine. Sunrise to Sunset. 20th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	c	c	39	54	–	–	6·4	9·2
Douglas (I. o. M.) ...	cp	cp	50	56	1	1	0·0	8·0
Llandudno ...	c	cdorc	54	60	0·3	1	0·1	8·9
Colwyn Bay ...	bbcpc	coror	53	61	1	3	0·7	9·0
Rhyl	pbc	pbc	49	62	0·3	0·3	0·0	7·8
Wallasey	ofr	ozr	51	57	3	2	0·0	6·2
Southport	or	ro	45	53	–	3	0·0	8·0
Blackpool	ome	orc	43	54	0·2	5	0·0	7·8
Ilkley	bc	pc	36	60	0·3	0·2	1·5	6·6
Cleethorpes	b	bbco	38	59	–	–	6·3	8·0
Skegness	bbc	bcc	42	58	–	–	7·0	7·7
Aberystwyth ...	bc	bc	45	59	–	–	6·2	10·9
Bath	mb	bbcc	37	63	–	–	6·9	7·6
Cheltenham ...	b	bbcam	42	62	–	–	4·6	8·9
Leamington Spa ...	bc	cbo	40	62	–	–	6·0	6·2
Lowestoft	b	b	42	59	–	–	9·5	8·4
Harwich & Dovercourt	bc	c	43	64	–	–	7·2	10·3
Maldon	zb	cb	43	62	–	–	7·5	7·8
Southend	b	bbcc	45	63	–	–	9·1	8·9

Stations.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe ...	b	b	47	64	–	–	10·2	10·0
Bude ...	wb	b	39	63	–	–	10·2	9·8
Penzance	b	b	46	67	–	–	9·9	9·5
Paignton	bw	bbcb	42	63	–	–	9·8	7·2
Torquay	b	b	46	64	–	–	10·2	7·9
Jersey	bc	bc	50	65	–	–	9·0	8·6
Weymouth	b	b	46	65	–	–	10·5	9·4
Bournemouth ...	b	b	47	65	–	–	10·4	8·3
Ventnor ...	b	b	47	59	–	–	10·4	9·3
Portsmouth (S'thsea)	b	b	47	63	–	–	10·3	9·3
Bognor	bc	b	46	61	–	–	10·1	7·4
Littlehampton ...	bc	bc	45	62	–	–	9·9	6·9
Worthing	b	bbc	44	62	–	–	10·1	9·0
Brighton	b	bbc	46	64	–	–	10·0	7·8
Eastbourne	b	bc	47	63	–	–	9·0	7·5
Hastings	mbbc	bcbbc	46	63	–	–	9·6	6·5
Folkestone	bc	bc	49	64	–	–	9·4	6·3
Dover	bbc	bcbbcy	45	62	–	–	8·7	8·1
Tonbridge Wells ...	bbc	bcbbc	36	62	–	–	9·1	7·8
Ramsgate	b	bbc	48	61	–	–	9·1	9·9
Margate	b	bcc	48	59	–	–	9·3	10·5
Deal	cb	bbc	44	64	–	–	9·0	8·3

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 244.12. Sunday 23rd September 1928.

Observations at 15h. G.M.T. 22nd. / Observations at 18h. G.M.T. 22nd.

STATIONS. (For heights see p. 4).	15h. 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.	18h. 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	1031.2	0	N'E	2	bc	51	65	8	2500	Cu	3	–	3	•	1029.8	-2	N	1	bc	50	85	8	1500	Cu	3	aCu	4	•
Stornoway	1033.5	0	ENE	1	bc-	55	65	8	4000	Cu	3	–	3	•	1032.9	-2	–	0	b-	48	92	9	4000	Cu	2	–	2	0
Wick	1032.7	0	NNE	2	c	52	75	8	2500	StCu	8	–	8	•	1031.9	-1	N	2	bc	49	85	8	2500	Cu	3	–	3	0
Tiree	1032.9	+1	NE	2	b-	55	85	9	–	–	0	Ci	1	0	1032.0	0	NE	2	b-	50	92	9	–	–	0	CiCu	1	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1031.7	•	–	0	bc-	46	85	8	2500	Cu	2	aCu	4	•
Aberdeen	1032.6	0	NNW	3	c	51	65	8	2500	StCu	9	–	9	1	1032.0	-1	NNW	2	bc-	49	75	8	4000	StCu	5	–	5	0
Malin Head	1032.0	+1	E	3	b	53	75	8	4000	Cu	1	CiCu	2	•	1031.3	-1	E	4	bc+	53	65	8	–	–	0	CiCu	7	1
Renfrew	1032.7	0	ENE	1	c	55	65	8	4000	StCu	8	–	8	0	1031.7	-1	S	1	c	48	85	7	4000	Cu	8	–	8	•
Edinburgh (Inchkeith)	1031.8	0	NNE	3	c	52	65	8	4000	StCu	6	aSt	10	•	1030.9	-1	NNE	3	c	50	65	9	4000	Cu	4	aCu	10	1
Leuchars	1032.7	0	NNE	2	c+	53	65	8	4000	StCu	9	aCu	9	1	1031.8	-1	N	2	c	50	75	8	2500	StCu	9	–	9	•
Eskdalemuir	1031.7	0	NE	4	c	50	55	8	4000	StCu	8	–	8	1	1031.5	0	N'E	2	c	45	75	8	4000	StCu	8	–	8	•
Tynemouth	1030.7	+1	NNE	4	cr₀r₀	52	65	6	1500	Nb	8	–	8	•	1030.1	-1	N	3	c/r	50	75	8	1500	Nb	8	–	8	4
Blacksod Point	1029.7	+1	SE	2	bc	59	75	6	•	StCu	7	–	7	•	1028.8	-1	–	0	bc	58	75	6	•	StCu	7	–	7	0
Donaghadee	1031.7	0	E	2	bc	53	65	8	4000	CuNb	4	–	4	•	1030.6	-2	NW	1	bc+	52	75	8	4000	StCu	6	–	6	1
Birr Castle	1029.4	•	ESE	3	bc-	61	65	7	1500	Cu	5	–	5	•	1029.0	•	ENE	2	b	56	75	8	4000	Cu	2	–	2	•
Holyhead	1030.5	-1	E	4	bc	56	65	8	4000	Cu	2	Ci	3	0	1029.7	-1	NE	4	b	54	65	8	4000	Cu	1	Ci	1	2
Liverpool (Bidston)	1030.4	-1	N'W	2	b	53	65	7	2500	Cu	2	–	2	•	1029.3	-1	NNE	2	b-	52	65	7	4000	St	2	Ci	2	•
Chester (Sealand)	1030.0	-1	NNE	3	bc	56	65	6	4000	Cu	7	–	7	1	1029.0	0	N'E	2	bc+	49	75	6	2500	Cu	7	–	7	•
Harrogate	1029.9	0	E	3	c	52	65	7	4000	Nb	8	aCu	9	•	1029.7	0	E	3	bc	48	75	7	4000	StCu	3	–	3	•
Spurn Head	1027.8	0	N	5	c+	56	65	7	4000	Cu	6	aCu	8	•	1027.5	0	N	5	bc	52	75	7	4000	CuNb	4	aSt	5	4
Birmingham (Edgbaston)	1029.0	-1	N	3	bc+	55	55	6	2500	Cu	7	–	7	0	1028.3	-1	N	3	b	53	55	5	2500	StCu	1	Ci	2	•
Cranwell	1028.5	-1	NNE	5	bc/pr₀	59	75	8	2500	Cu	7	–	7	0	1028.3	0	N'E	3	bc	50	92	8	2500	StCu	6	aCu	7	•
Gorleston	1025.2	0	N'E	5	bc	60	85	7	2500	Cu	5	–	5	•	1025.3	0	N'E	4	bc	55	75	7	4000	Cu	4	–	4	1
Valentia (Cahirciveen)	1028.0	0	SE'E	3	bc	62	65	8	2500	Cu	3	–	3	0	1027.0	0	ESE	3	c	58	75	8	2500	StCu	8	–	8	0
Roches Point	1028.4	0	SE	3	c	59	75	8	4000	StCu	9	–	9	•	1028.2	0	SE	3	b	54	75	8	2500	StCu	1	–	1	4
Pembroke (St. Ann's H.)	1028.5	0	NE'E	3	bc	67	76	8	1500	Cu	3	CiSt	7	•	1027.5	-2	NE	3	bc-	53	75	8	2500	Cu	3	–	3	0
Ross-on-Wye	1028.0	-1	NE'E	3	bc	57	45	6	4000	Cu	4	–	4	0	1027.0	-1	N	2	b-	52	65	6	–	–	0	Ci	1	•
Leafield	1028.0	-1	NE	3	bc	55	55	8	2500	Cu	3	–	3	0	1027.2	-1	NE'E	3	bc	52	65	9	4000	StCu	4	–	4	•
Winchester (Worthy Dn.)	1026.8	-1	NNE	4	bc	58	55	8	4000	Cu	4	–	4	0	1026.4	-1	N	3	b	53	65	8	4000	StCu	1	–	1	•
S. Farnborough	1026.9	-1	N	4	bc	59	45	8	2500	StCu	4	–	4	0	1026.3	0	N	2	b-	53	65	8	4000	StCu	2	–	2	•
London (Kew Obsy.)	1026.8	-1	N	3	bc	58	55	8	4000	Cu	5	–	5	0	1026.4	0	NNE	3	b-	55	65	6	2500	Cu	1	aCu	1	•
Croydon	1026.3	-2	NNE	2	bc+	59	55	7	4000	Cu	7	–	7	0	1026.2	0	NE'N	3	bc-	55	55	6	4000	StCu	3	–	3	•
Shoeburyness	1025.6	-1	N'W	3	bc	61	75	8	4000	Cu	3	–	3	•	1026.9	0	N	3	bc+	53	75	8	2500	Cu	4	–	4	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	0	N	3	bc	51	85	7	4000	CuNb	5	–	5	2
Felixstowe	1025.4	-1	NNE	5	bc/pR-	59 [49]	75 [4]	8	2500	CuNb	7	–	7	1	1025.7	0	N'W	3	bc	50	85	8	4000	Cu	3	–	3	3
Lympne	1025.0	-1	NNE	5	bc/pr₀	56	55	8	2500	Cu	3	–	3	0	1024.5	0	NNE	4	b/r	51	75	8	2500	CuNb	1	a.St	2	•
Scilly (St. Mary's)	1026.0	0	E	4	c+	60	75	7	4000	Cu	8	–	8	•	1026.2	0	E'N	3	bc-	57	75	8	4000	Cu	3	Ci	5	1
Falmouth (Pendennis)	1026.8	0	ESE	5	bc-	56	97	8	4000	StCu	5	–	5	•	1025.7	-1	E'S	3	bc	56	92	8	4000	StCu	3	CiCu	5	1
Plymouth (Cattewater)	1027.0	-1	E	4	b	58	45	9	4000	Cu	1	Ci	1	0	1026.6	0	E	1	b	55	55	8	4000	Cu	1	CiCu	1	0
Portland Bill	1026.4	+1	NE	4	b	59	45	8	2500	Cu	1	aCu	2	•	1025.4	-1	NE	4	b-	56	55	8	2500	Cu	1	aCu	2	2
Southampton (Calshot)	1026.8	-2	NE	4	b	62	45	8	4000	Cu	2	–	2	0	1026.2	0	NE'N	4	b	57	55	7	4000	StCu	2	–	2	0
Dungeness	1025.2	-2	NNE	4	bc+	66	45	8	4000	Cu	7	–	7	•	1024.2	-1	N	4	bc-	56	92	8	4000	Cu	5	–	5	3
Guernsey (Fort George)	1025.7	0	ENE	6	bc	57	65	9	2500	Cu	3	–	3	•	1025.3	-1	ENE	5	bc	56	65	8	4000	Cu	2	Ci	3	6

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

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bbq	bcbq	bwcw	59	43	35	–	–	8.6	•	•	5
Croydon	264	bbcm	bcepr₀	[illegible]	63	43	33	0.1	–	8.7	•	•	5
Greenwich (Royal Obsy.)	149	by	bcp₀bcb	bwcm	62	43	35	Tr.	–	8.7	49	88	•
City (Bunhill Row)	60	•	•	•	•	•	•	•	•	7.6	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	62	45	39	–		8.1	55	97	•
Regent's Pk. (Botanic Gdns).	188	•	•	•	•	•	•	•	•	6.8	•	•	•
Camden Square	110	bc	coc	•	63	44	-	–	–	•	•	92	•
Kensington Palace	80	bbc	bc	•	61	43	37	–	–	•	(At 15h) 56	86	•
Hampstead Observatory	450	•	•	•						9.8	•		•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 23rd.

Station	Max.	Time.	Min.	Time.
South Kensington	0.3	8h 22nd	<0.3	4h 23rd
Kew Observatory	0.2	19h 22nd	<0.1	1h 23rd

POLE STAR RECORD at Greenwich Obsy. Exposure from 22nd 18 h. 45 m. to 23rd 5 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10 15	9 0	88
δ Ursæ Minoris	10 15	8 54	87

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 23rd & 24th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.42 / 5.43	11.46 / 11.45	17.48 / 17.46
Greenwich	5.49 / 5.50	11.52 / 11.52	17.55 / 17.53
Wick	6.0 / 6.2	12.5 / 12.4	18.8 / 18.5
Valentia	6.30 / 6.31	12.33 / 12.33	18.36 / 18.34

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

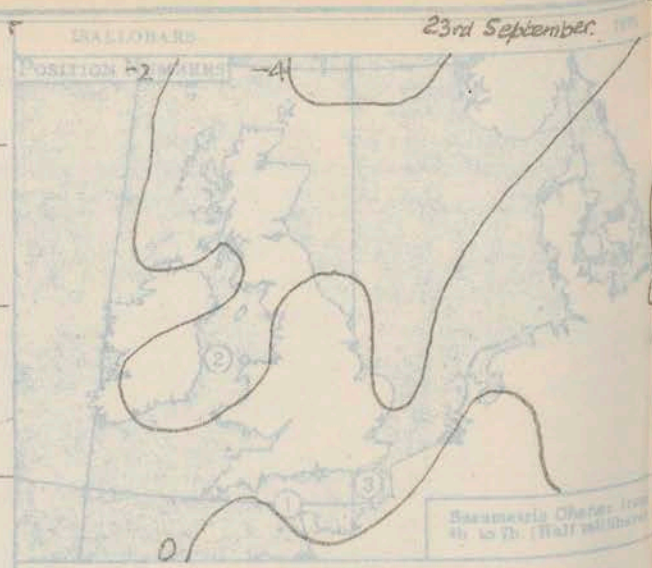
Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31	"

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-12h. 22nd	12h.-18h. 22nd	18h. 22nd. to 18h. 23rd	18h.-7h. 23rd	TEMPERATURES. MAX. Day. Th.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 22nd Hours.
Lerwick	cbc	cbc	cir₀	corₒr₀	53	49	.	–	–	3	<21.00	6.2
Stornoway	b-bc	b-bc	b-bc	c	55	40	.	–	–	–	–	6.1
Wick	c	b-bc	b-bc	oir₀	52	43	.	–	–	0.1	5.30	.
Tiree	bcb	b	b	bcc	55	38	28	–	–	–	–	10.2
Nairn	bc	bc	bcw	cd	54	35	.	–	–	Trace	5.30	3.8
Aberdeen	ccpr₀c	c	cbc	c.cir₀	52	39	35	Tr.	9.00	0.1	5.30	0.3
Malin Head	bcb	bbc	bccbcb	bxbc	53	40	.	–	–	–	–	10.2
Renfrew	bcfjc	czo	cm₀	cbFF	55	28	25	–	–	–	–	4.1
Edinburgh (Inchkeith)	bc	c	cbcb	bbccw	54	42	32	–	–	Tr	–	3.7
Leuchars	bcy	cxy	cbc	bcx	55	34	29	–	–	–	–	5.1
Eskdalemuir	bxbcc	cyc	c	bcx	51	30	24	–	–	–	–	3.8
Tynemouth	bccir₀	cir₀c	c	cbc	52	44	40	Tr.	12.30	–	–	.
Blacksod Point ...	c	c	cbc	b	61	45	.	–	–	–	.	.
Donaghadee	bc	bc	bcb	bbcc	55	41	.	–	–	–	–	.
Birr Castle	cbc	bcb	bbc	bcxrm₀	61	32	23	–	–	–	–	8.7
Holyhead	bcm₀cbc	bcb	bccz₀	cz₀c	56	48	45	–	–	–	–	10.9
Liverpool (Bidston) ...	bmm₀b	bbcc	bbw	bbcw	53	42	33	–	–	–	–	7.8
Chester (Sealand) ...	bjmbbm₀	bcm₀z₀	bcbm₀	bxmm	58	32	27	–	–	–	–	8.2
Harrogate	cbcc	cbc	bcb	bcb	54	42	37	–	–	–	–	5.9
Spurn Head	bcc	cbc	bccprbc	cpr	57	49	.	–	–	1	24.00	7.5
Birmingham (Edgbaston)	bbc	bcb	b	bbc	57	39	32	–	–	–	–	7.2
Cranwell	c	bcpo	b-bc	bmofs	60	39	36	Tr.	13.30	0.1	–	8.1
Gorleston	bcqpr	bcq	bcqpr₀	bcpr	61	46	44	0.2	<8.00	2	<21.00	8.7
Valentia (Cahirciveen)	bvbc	bcc	cbw	bw	64	47	42	Tr.	–	Tr	–	7.9
Roches Point	c	cbcb	bw	bw	60	46	.	–	–	Tr	–	.
Pembroke (St. Ann's H.)	cbc	bc	bcb	bbc	58	44	.	–	–	–	–	8.0
Ross-on-Wye	cbzbcy	bcycyb	bw	bmwbcm	58	35	27	–	–	–	–	8.2
Leafield	bbc	bc	b	bwo	57	36	33	–	–	Tr	–	8.8
Winchester (Worthy Dn.)	bbcy	bcyb	b	bₒm₀w	60	38	31	–	–	Tr	–	10.3
S. Farnborough ...	bxbcy	bcy	bbm₀	bm₀om	61	33	20	–	–	–	–	9.8
London (Kew Obsy.) ...	bbcy	bcby	bw	bwcw	59	43	35	–	–	–	–	8.6
Croydon	bbcm₀y	bccpr₀	bm₀w	bcam₀w	60	43	33	0.1	15.30	–	–	8.7
Shoeburyness	bbc	bcc	bc	cm₀	63	41	39	–	–	–	–	9.3
Clacton-on-Sea ...	bcy	bcybcp	bcb	bbcm	61	42	39	3	15.30	–	–	8.7
Felixstowe	bcypr	bcprq	bc	bcpr₀	62	42	39	1	9.00	Tr	–	8.8
Lympne	bbcpr₀	bcphbr₀	bbw	bwomf	60	41	38	0.5	12.30	Tr	–	9.9
Scilly (St. Mary's) ...	bbcc	cbc	bcb	bbc	62	52	.	–	–	–	–	4.5
Falmouth (Pendennis)	bc	bc	bc	bcb	58	47	.	–	–	–	–	7.0
Plymouth (Cattewater)	cqbvy	byv	bg	bvw	61	45	33	–	–	–	–	8.7
Portland Bill	bcb	bbcb	b	bz₀	61	45	.	–	–	–	–	.
Southampton (Calshot)	by	by	bgw	bwbcq	63	42	40	–	–	Tr	–	10.9
Dungeness	bc	bccprbc	bcr₀bc	bcfom₀	61	45	.	0.1	14.30	0.5	<21.00	.
Guernsey	cbcqv	bcq	bc	bc	58	53	.	–	–	–	–	9.8



Observations from Cross Channel Steamers.

Station.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Barometer
2	22nd 10h	Scotia	E	4	c	55	55	7
1	22nd 12h	St. Julian	NE'E	6	c-	58	60	7
5	23rd 1h	Brighton	NE	5	bc-	56	62	9

GENERAL INFERENCE.

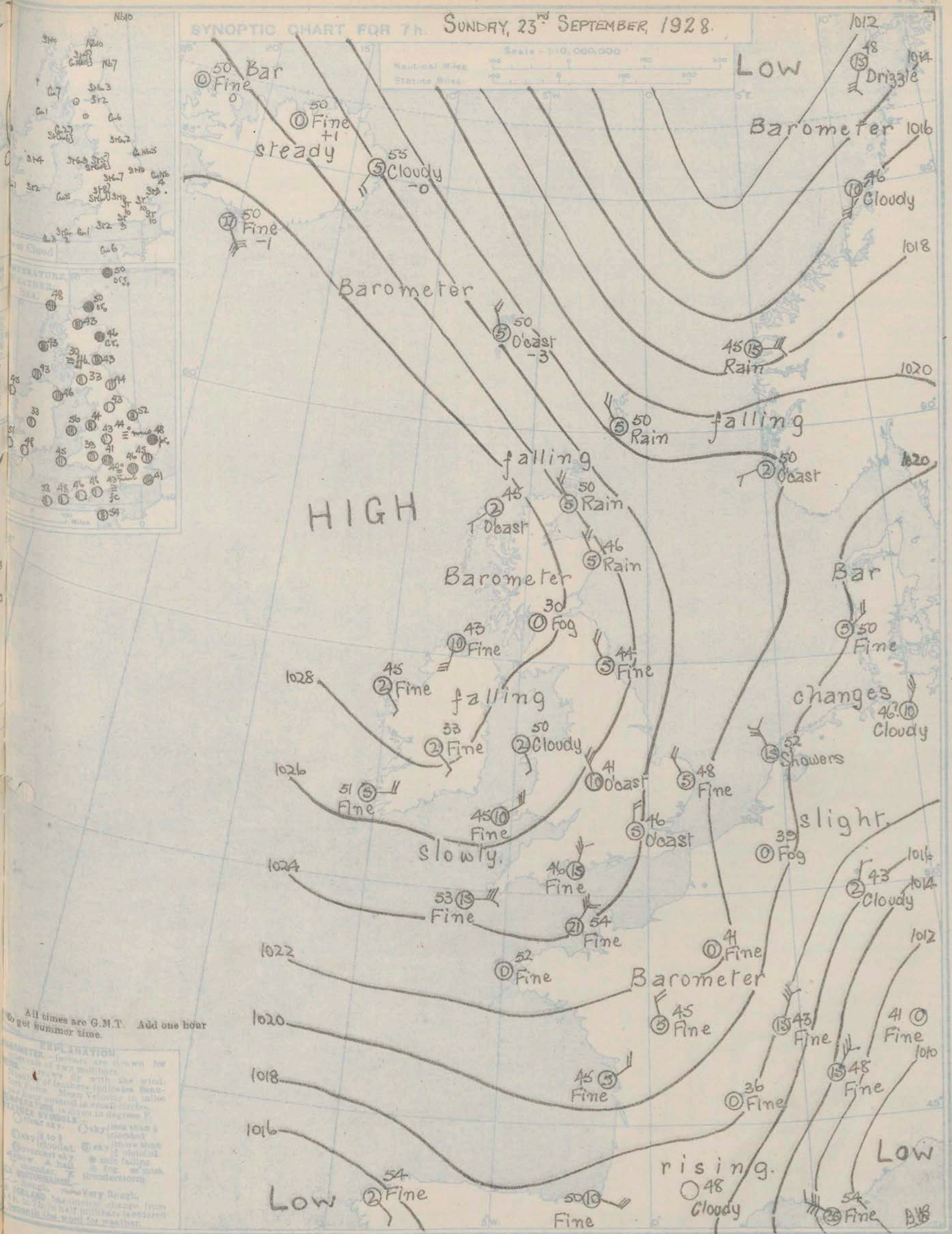
An anticyclone of decreasing intensity continues centred between Iceland and Ireland, and is withdrawing slowly southwards. Associated with a depression beyond the Arctic Circle secondaries are developing and moving southwards down the North Sea. Some rain or showers will occur in eastern districts, chiefly in coastal areas, but elsewhere conditions will continue mainly fair.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 23rd September, 1928.	Further Outlook.
1. S.E. England 2. E. England	Wind between N.E. and N.W., light to moderate, fresh locally; cloudy, local showers, chiefly on coasts, bright periods; cool, ground frost locally at night.	Unsettled in the North, probability of less fair conditions becoming general.
3. E. Midlands 4. W. Midlands	Wind N. to N.W., moderate; cloudy, perhaps local showers; bright periods; cool, ground frost locally at night.	
5. S.W. England 6. South Wales	Easterly winds, moderate or fresh; mainly fair; cool, frost locally at night.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind N. to N.W., moderate or fresh; cloudy, some showers, local rain to-morrow; cool, ground frost locally at night.	
12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland	Winds between N. and W., light to moderate, becoming fresh locally; mainly cloudy, some rain or showers to-morrow; mist locally; moderate temperature, slight ground frost locally at night.	
16. Orkneys and Shetlands	Wind between N. and W., moderate to fresh; mainly cloudy; some rain or showers; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 11.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1100 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For note see page 1

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



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

EXPLANATION

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

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

TEMPERATURE.—Air temperature in degrees F.

WEATHER SYMBOLS

Clear sky. Sky less than ½ clouded. Sky ½ to ¾ clouded. Sky more than ½ clouded. Overcast sky. Mist falling. Snow. Hail. Fog. Mist. Thunder. Thunderstorm. Squall.

SEA STATE.—Very Smooth. Smooth. Slight. Moderate. Rough. Very Rough. Heavy. Phenomenal. Arrow indicates direction of the wind for weather.

H.M. Stationery Office 1928. Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday 23rd September.....1928. No. 267....

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 23rd: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 23rd: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1025·4	-2	NW	2	cr₀	50	85	7	1500	Nb	9	-	9	1020·3	-5	NW	2	or₀r₀	50	97	7	1500	Nb	10	-	10	*
Stornoway	80	1031·7	-2	-	0	bc-	*	*	8	*	*	*	*	3	1028·4	-2	SW	1	o	45	92	7	1500	St	10	-	10	1
Wick	81	1029·6	-2	WNW	2	bc	46	97	8	2500	StCu	4	-	4	1025·5	-3	NW	2	or₀	50	92	8	1500	Nb	10	-	10	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1029·0	-2	ENE	1	c	43	92	9	2500	Cu	7	FSt	8	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·1	*	-	0	ct	43	85	7	1500	St	8	-	8	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·9	-3	NW	2	cr₀	46	92	7	2500	Nb	7	FSt	10	0
Malin Head	61	1030·8	-1	S	2	b	43	85	8	5700	StCu	1	-	1	1028·4	-2	SW'S	3	bc	43	92	8	4000	Cu	1	CiCu	3	0
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1029·0	-2	-	0	ffb	30	97	1	-	-	0	-	0	*
Edinburgh (Inchkeith)	100	1029·9	-1	NNE	2	b	46	75	9	1500	St	2	-	2	1027·7	-2	W	3	c	43	97	7	1500	St	2	CiSt	10	1
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·1	-4	SW	3	c	39	92	8	4000	StCu	3	CiSt	9	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·8	-2	-	0	bc	33	97	8	-	-	0	Ci	4	*
Tynemouth	87	1029·2	-1	NNW	2	c	45	85	7	1500	Nb	8	-	8	1027·8	-2	NW	2	bc	44	85	7	1500	Cu	6	-	6	2
Blackpool Point ...	18	1030·4	+1	SE	3	bc	50	75	7	-	Cu	6	-	6	1028·4	-1	SE	1	b	45	85	8	*	-	0	Ci	1	1
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·0	-1	W	1	c	46	85	8	4000	StCu	8	-	8	1
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1028·4	*	SE	1	bc+	33	97	5	450	St	4	FCu	6	*
Holyhead ...	28	1029·2	-1	E'S	2	c	51	65	6	2500	St	9	-	9	1027·5	-2	SE	1	c	50	75	7	2500	StCu	9	-	9	1
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·8	-1	-	0	ct	44	85	8	4000	St	9	-	9	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·9	-1	WNW	1	mmb	33	97	4	4000	StCu	1	-	1	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·4	*	SW	1	b	43	85	8	4000	StCu	2	-	2	*
Spurn Head	20	1026·5	-1	NW'N	4	bc	50	92	7	4000	CuNb	5	-	5	1024·8	-1	N'E	5	c	52	75	7	4000	CuNb	5	FCu	9	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·0	-1	NW	2	bct	43	85	5	2500	StCu	7	-	7	*
Cranwell	266	1028·2	0	NW'N	3	b+	40	97	6	2500	StCu	1	-	1	1026·8	-1	NW'N	3	mmc	44	97	4	450	St	10	-	10	*
Gorleston	14	1024·6	-1	NW'N	2	bc	51	85	7	2500	Nb	3	-	3	1022·7	-2	NW	2	bc/pr₀	48	92	6	2500	CuNb	7	-	7	0
Valentia (Cahirciveen)‡	30	1027·8	-1	E'S	2	b	50	85	9	-	-	0	-	0	1026·3	-1	E	2	b	51	75	8	4000	Cu	1	-	1	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·7	-2	NNE	2	b	48	85	8	1500	St	2	-	2	0
Pembroke (St. Ann's H.)	160	1027·8	0	ENE	3	b-	48	85	7	-	-	0	-	0	1026·6	-1	ENE	3	bc+	45	92	7	2500	Cu	5	FSt	7	1
Ross-on-Wye	228	*	*	*	*	*	*	*	*	*	*	*	*	*	1027·1	-1	N'NW	1	c+	39	92	5	2500	St	9	-	9	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·3	-1	NNW	3	o	41	97	5	450	St	10	-	10	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·7	0	NNW	3	o	43	97	6	1500	St	10	-	10	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·4	-1	W	1	mmc	40	97	4	220	St	10	-	10	*
London (Kew Obsy.) ...	18	*	*	*	*	*	46	*	*	*	*	*	*	*	1025·2	-1	N	2	o	46	92	6	1500	St	10	-	10	*
Croydon	344	1026·3	-1	NE	1	b	44	92	6	-	-	0	-	0	1025·1	-1	N'E	2	o+	45	97	6	1500	St	10	-	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·8	0	N	3	c	46	97	6	1500	StCu	9	-	9	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·5	-2	N	4	bc	45	92	7	1500	St	5	-	5	3
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·4	-1	NNW	3	b	48	92	7	-	-	0	FCu	2	*
Lympne	350	1024·8	0	N'E	3	b	45	92	7	5700	StCu	1	-	1	1023·2	-1	N	4	fo+	45	97	3	450	St	10	-	10	*
Scilly (St. Mary's) ...	163	1026·3	0	ENE	3	b	53	65	7	-	-	0	-	0	1024·8	-1	E	4	bc	53	85	8	4000	Cu	3	-	3	1
Falmouth (Pendennis)	200	1026·3	0	NE	3	bc-	50	85	7	4000	StCu	3	-	3	1025·6	-1	NE	2	b	48	85	8	4000	StCu	2	-	2	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·9	0	-	0	b	46	85	9	4000	Cu	1	-	1	0
Portland Bill	32	1025·8	0	NE	4	b	49	75	8	-	-	0	-	0	1024·6	-1	NNE	4	b	46	85	6	1500	St	2	-	2	2
Southampton (Calshot)	10	1026·2	-1	N'W	3	b	46	85	8	-	-	0	-	0	1025·3	-1	N'W	4	fo-	43	97	3	450	St	9	-	9	0
Dungeness	30	1024·3	0	N	2	bc	45	92	8	4000	StCu	5	-	5	1023·5	-1	N	3	o/m	46	97	5	450	St	10	-	10	4
Guernsey (Fort George) P	295	1025·2	0	NE	4	bc	55	75	7	2500	Cu	4	-	4	1024·1	-1	NE	4	bc	54	75	8	4000	Cu	6	-	6	

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 21st to 9h. 22nd	Temperature. Max. 9h. 22nd - 17h. 22nd	Rainfall.† Night 17h.-9h. 21st-22nd	Rainfall.† Day 9h.-17h. 22nd	Sunshine. Sunrise to 17h. 22nd	Sunshine. Sunrise to Sunset. 21st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	43	51	-	-	0·3	7·1
Douglas (I. o. M.) ...	b	b	45	55	-	-	10·0	0·0
Llandudno ...	b	b	43	57	2	-	10·1	0·1
Colwyn Bay ...	b	b	44	56	1	-	10·5	0·7
Rhyl	bcb	bc	40	57	-	-	9·6	0·0
Wallasey	bbc	bbc	41	59	Trace	-	7·7	0·0
Southport	bbc	bcc	*38	58	-	-	8·2	0·0
Blackpool	bc	bbc	39	56	-	-	8·4	0·0
Ilkley	b	b	37	55	-	-	3·9	1·5
Cleethorpes	copb	bc	46	57	1	0·1	7·3	6·3
Skegness	bcpr	bc	43	58	Trace	Trace	9.2	8·0
Aberystwyth ...	bc	bbc	46	59	-	-	9·9	6·3
Bath	b	bbc	44	59	Trace	-	10·0	6·9
Cheltenham ...	pbc	bbc	43	60	0·3	-	7·9	4·6
Leamington Spa ...	bc	bc	39	59	-	-	6·2	0·0
Lowestoft	bcpr	b	46	59	1	Trace	9·5	9·5
Harwich & Dovercourt	bc	bcpbc	45	62	-	2	8·8	7·4
Maldon	bc	bc	43	61	-	-	6·4	7·5
Southend	b	bber	42	62	-	0·2	9·6	9·2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cb	b	52	58	-	-	8·7	10·2
Bude	wbcb	b	46	60	-	-	8·6	11·0
Penzance	c	cbc	51	65	-	-	2·7	10·5
Paignton	bc	bcby	54	59	-	-	8·9	9·8
Torquay	bcb	b	54	60	-	-	9·4	10·5
Jersey	bc	bc	54	63	-	-	9·5	9·3
Weymouth	b	by	49	62	-	-	10·3	10·6
Bournemouth ...	b	b	44	61	-	-	10·5	10·7
Ventnor ...	bz	b	48	59	-	-	9·2	10·4
Portsmouth (S'thsea)	b	b	47	63	-	-	10·5	10·7
Bognor	bc	bc	45	61	-	-	9·6	10·2
Littlehampton ...	b	bc	44	61	-	-	9·3	10·0
Worthing	b	bbc	45	61	-	-	10·0	10·1
Brighton	b	bcb	46	63	-	-	10·5	10·3
Eastbourne	bbc	opbc	45	64	-	Trace	10·0	9·1
Hastings	bbc	bcbbc	45	62	-	-	10·4	9·6
Folkestone	b	bcpc	48	62	Trace	Trace	9·7	8·6
Dover	bc	bcpbc	48	60	2	2	9·5	9·0
Tunbridge Wells ...	b	bbc	41	63	-	-	9·6	8·1
Ramsgate	bc	bcpbc	50	60	1	0·1	9·1	9·1
Margate	bc	bcpbc	52	58	1	Trace	8·9	9·3
Deal	bcp	bcp	48	61	4	1 8·0	8·0	8·1

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24413 Monday, 24th September 1928.

Observations at 13h. G.M.T. 23rd

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1017.4	-2	NW	2	c|p	53	85	8	1500	CuNb	5	ASt	9	•
Stornoway	1025.0	-3	NW	3	o	53	95	7	1500	St	10	–	10	•
Wick	1021.4	-5	NW	4	cr.r.	52	97	8	1500	Nb	8	ASt	10	•
Tiree	1027.4	-2	N	3	cv+	53	92	9	2500	StCu	2	ASt	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1022.5	-5	W	3	c|r	50	85	8	2500	Nb	3	ASt	10	1
Malin Head	1027.0	-3	NW	3	cv⊕	54	75	9	4000	Cu	2	CiSt	8	•
Renfrew	1026.1	-4	WNW	2	cr.r.	48	85	6	–	–	0	ASt	10	1
Edinburgh (Inchkeith)	1025.1	-3	W	3	or.	47	85	6	800	St	10	–	10	•
Leuchars	1024.6	-5	WSW	4	cr	48	85	8	2500	Nb	4	ASt	10	1
Eskdalemuir	1024.9	-4	NW	2	cr.	49	55	8	4000	Cu	1	ASt	10	1
Tynemouth	1024.0	-3	NW	1	c	52	75	7	1500	Nb	8	–	8	•
Blacksod Point	1027.2	-1	ENE	1	bv	54	65	9	*	Cu	1	–	1	•
Donaghadee	1026.2	-3	NNE	2	c	54	65	8	4000	Cu	3	ASt	8	•
Birr Castle	1024.0	*	SE	2	bc	47	92	7	1500	Cu	5	–	5	•
Holyhead	1026.1	-2	NE N	3	c	54	55	8	5700	StCu	9	–	9	0
Liverpool (Bidston)	1025.5	-3	NW	2	c⊕	52	65	8	4000	StCu	1	CiSt	10	•
Chester (Sealand)	1025.6	-3	WNW	3	c	54	55	8	4000	StCu	9	–	9	1
Harrogate	1024.3	-3	N	3	c+	53	65	8	4000	Nb	2	CiSt	9	•
Spurn Head	1022.8	-2	NW	5	c	55	65	7	4000	Cu	mre		8	•
Birmingham (Edgbaston)	1024.9	-2	NNW	2	c	52	75	6	2500	StCu	4	cist	9	0
Cranwell	1024.6	-2	NW	4	c	54	65	8	2500	StCu	10	–	10	0
Gorleston	1021.4	-2	N	5	bc	57	65	7	2500	Cu	6	–	6	•
Valentia (Cahirciveen)	1025.0	-3	ESE	3	bc	60	55	7	4000	Cu	4	–	4	0
Roches Point	1025.8	-3	E	3	bc	58	65	7	2500	StCu	2	CiCu	4	•
Pembroke (St. Ann's H.)	1024.8	-2	ENE	2	bc	56	65	8	2500	Cu	5	ACu	7	•
Ross-on-Wye	1024.7	-3	N	2	c	52	75	6	2500	StCu	10	–	10	0
Leafield	1024.2	-1	N	4	c	52	75	8	4000	StCu	9	–	9	0
Winchester (Worthy Dn.)	1023.4	-4	NNW	3	c	56	65	7	~~4000~~ 2500	StCu	8	–	8	0
S. Farnborough	1022.1	-4	NW	2	bc	55	75	7	2500	Cu	7	–	7	0
London (Kew Obsy.)	1022.7	-5	NNE	2	bc	57	55	7	2500	Cu	4	Ci	5	0
Croydon	1022.3	-5	NNE	3	bc-	56	65	6	2500	Cu	5	Ci	6	0
Shoeburyness	1021.9	-3	N	4	c|r	57	65	8	2500	StCu	9	–	9	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1021.5	-2	NNE	4	c|p	55	65	8	2500	CuNb	7	ACu	8	1
Lyneham	1021.0	-3	NNE	4	bc|pr	57	55	8	2500	Cu	7	–	7	0
Scilly (St. Mary's)	1024.0	-1	E'N	3	bc	61	65	8	4000	Cu	3	–	3	•
Falmouth (Pendennis)	1024.1	-2	SE	2	bc	57	55	8	4000	Cu	2	CiSt	4	•
Plymouth (Cattewater)	1024.1	-3	ESE	3	bcv+	59	45	9	4000	Cu	5	Ci	5	0
Portland Bill	1023.8	0	NNE	4	bc	54	65	8	2500	Cu	5	Ci	6	•
Southampton (Calshot)	1023.7	-3	N	4	bc-	55	65	6	2500	StCu	2	Ci	3	0
Dungeness	1021.47	-5	N	3	bc-	60	55	8	4000	Cu	7	–	7	•
Guernsey (Fort George)	1023.9	-1	NE	4	bcv	57	75	9	2500	Cu	5	–	5	•

Observations at 18h. G.M.T. 23rd

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016.3	-2	NW	3	c|p	48	75	7	1500	CuNb	7	Ci	9	•
Stornoway	1021.9	-4	NW	3	cr.	52	92	7	4000	CuNb	8	–	8	2
Wick	1018.9	-2	NW	2	c|r	51	97	8	1500	Nb	8	ASt	10	0
Tiree	1024.0	-2	N	3	c	53	92	8	1500	StCu	10	–	10	1
Nairn	1019.7	*	–	0	c|r	50	92	8	1500	CuNb	8	–	8	•
Aberdeen	1018.4	-4	WNW	4	cr.	50	92	7	1500	Nb	6	CuCu	8	0
Malin Head	1024.5	-3	NNW	3	cv	52	75	9	5700	StCu	7	ACu	9	0
Renfrew	1022.1	-4	W	2	cr.	49	85	8	–	–	0	ASt	10	•
Edinburgh (Inchkeith)	1020.2	-4	W	3	or.	49	85	6	1500	St	10	–	10	1
Leuchars	1020.2	-4	WSW	3	c	48	92	8	2500	Nb	7	ASt	10	*
Eskdalemuir	1021.3	-5	WNW	2	c	45	75	7	–	–	0	ASt	10	•
Tynemouth	1020.2	-4	W	2	o|jp	49	85	7	1500	Nb	10	–	10	2
Blacksod Point	1024.5	-1	NE	2	bcv	55	65	9	*	–	0	ACu	4	1
Donaghadee	1023.2	-3	NW	3	bc-	52	75	8	2500	Cu	3	ACu	6	2
Birr Castle	1024.0	*	SE	2	c+	57	75	8	1500	Scu	8	–	8	•
Holyhead	1023.0	-3	N'E	4	c|pr.	53	65	7	4000	Cu	7	CiSt	9	4
Liverpool (Bidston)	1021.9	-3	NW	3	c	51	75	7	1600	StCu	10	–	10	•
Chester (Sealand)	1022.1	-4	NNW	2	c	51	75	7	2500	StCu	4	ASt	10	•
Harrogate	1021.4	-2	SW	2	c	46	85	7	–	–	0	CiSt	8	•
Spurn Head	1019.7	-2	N'E	4	c	51	75	7	5700	StCu	6	CiSt	10	4
Birmingham (Edgbaston)	1022.2	-2	NW	3	c	50	65	5	1500	St	9	–	9	•
Cranwell	1021.4	-4	NWW	1	c	50	75	6	2500	Cu	5	ASt	10	•
Gorleston	1019.1	-2	NNW	4	c	52	85	7	2500	Nb	4	ASt	10	1
Valentia (Cahirciveen)	1023.0	-2	E'N	2	bc	55	65	8	4000	Cu	4	CiCu	5	0
Roches Point	1023.5	-3	E	3	c	56	75	7	2500	StCu	8	–	8	0
Pembroke (St. Ann's H.)	1021.5	1-5	N	2	bc-	51	85	8	2500	Cu	2	CiSt	5	0
Ross-on-Wye	1022.1	-3	N'W	1	c	51	75	7	4000	StCu	9	–	9	•
Leafield	1021.8	-2	NNW	2	c	49	85	5	4000	StCu	9	–	9	•
Winchester (Worthy Dn.)	1021.3	-2	NW	2	bc	48	85	7	5700	StCu	1	Ci	3	•
S. Farnborough	1020.9	-1	NW	2	bc	52	65	7	4000	StCu	4	Ci	6	•
London (Kew Obsy.)	1020.9	-1	N	2	bc+	53	55	7	–	–	0	ASt	7	•
Croydon	1020.6	-1	N	3	c	53	65	6	5700	StCu	1	CiSt	9	•
Shoeburyness	1020.1	-2	N	3	c	51	75	8	–	–	0	ASt	8	•
Clacton-on-Sea	1019.9	-1	N	4	bc	53	65	7	2500	CuNb	3	CiSt	7	3
Felixstowe	1019.6	-1	N	4	c	52	75	8	4000	StCu	7	ASt	10	3
Lyneham	1019.0	-2	N'E	4	c|r	51	65	7	4000	StCu	2	ASt	9	•
Scilly (St. Mary's)	1022.5	-1	NE	1	bc	52	75	7	4000	Cu	3	–	3	0
Falmouth (Pendennis)	1021.3	-3	–	0	bc+	55	65	8	4000	Cu	3	CiSt	5	0
Plymouth (Cattewater)	1021.6	-1	SW	2	cv	55	65	9	4000	Cu	8	Ci	8	0
Portland Bill	1020.6	-3	NNE	3	bc+	58	45	8	2500	StCu	4	Ci	7	1
Southampton (Calshot)	1021.1	-2	N	4	bc	54	65	6	4000	Cu	1	CiSt	6	0
Dungeness	1019.3	-1	N	1	c+	55	75	8	4000	StCu	4	ASt	9	1
Guernsey (Fort George)	1021.6	-3	NE	3	bc	53	75	8	4000	Cu	2	CiSt	6	3

LONDON OBSERVATORIES.

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

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility
Kew	18	cbcy	p.bcy	cmow	59	44	35	R	–	4.1	*	*	6
Croydon	244	ambcz	bcz,y	czmdc	59	42	38	–	–	2.7	*	*	6
Greenwich (Royal Obsy.)	142	cbc	cbcyc	coccmy	62	43	32	–	–	4.7	49	77	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	5.5	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	62	44	38	–	–	6.0	55	74	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	5.3	*	*	*
Camden Square	110	oc	coc	*	62	44	*	–	–	*	*	74	*
Kensington Palace	80	bc	bc	*	61	43	36	–	–	*	(At 18h.) 55	79	*
Hampstead Observatory	450	*	*	*	57	40	30	–	–	5.2	*	88	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	7h 24th	0.3	16h 23rd

Kew Observatory Max.	Time.	Min.	Time.
0.2	7h 24th	0.1	13h 23rd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23rd 18h 45m. to 24th 5h 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10.15	5.50	57
δ Ursae Minoris	10.15	4.30	44

CODE FOR STATE OF GROUND.

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

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

24th–25th September 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.43	11.45	17.46
	5.46	11.46	17.44
Greenwich	5.50	11.52	17.53
	5.52	11.52	17.50
Wick	6.2	12.4	18.5
	6.5	12.4	18.2
Valentia	6.31	12.33	18.34
	6.33	12.33	18.32

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

SEA DISTURBANCE.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yards.
0. Dense fog.	220 "
1. Thick fog.	550 "
2. Fog.	1,100 "
3. Moderate fog.	1½ miles.
4. Mist or haze.	2½ "
5. Poor visibility.	5½ "
6. Moderate.	12½ "
7. Good.	31 "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

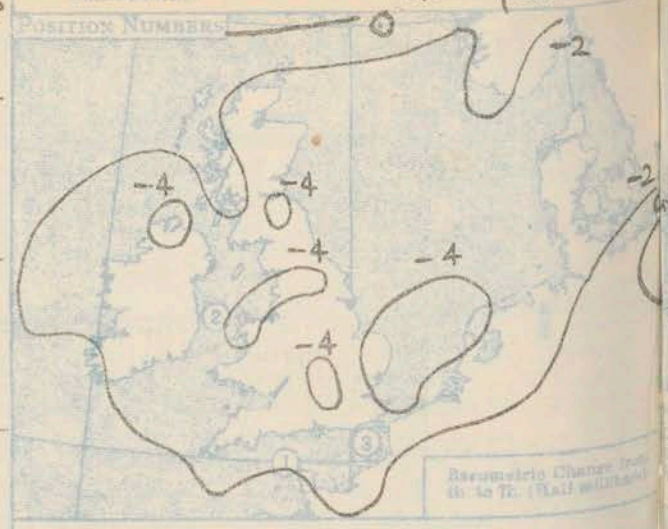
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 23rd	13h.-18h. 23rd	18h. 23rd to 1h. 24th	1h.-7h. 24th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on Grass	RAINFALL.† Day. 7h.-18h. mm	began.	Night. 18h.-7h. mm.	began.	SUN 23rd Hours.
Lerwick	cipr₀	cipr₀	cpr₀	c	54	46	•	1	<8·00	Tr.	<21·00	0·3
Stornoway	o	c	c	p	53	47	•	Tr	17·30	1	22·00	0·0
Wick	ir₀r₀	r₀irr	crrc	c	52	48	•	3	<8·00	1	22·00	•
Tiree	co	o	o	prc	53	50	49	–	–	1	3·30	0·0
Nairn	cr₀r	rc	cprq	cq	50	48	•	3	9·00	0·3	<21·00	0·0
Aberdeen	orrcr₀r₀	cir₀	cir₀ir	rrir₀	53	48	44	2	<8·00	5	<21·00	0·0
Malin Head	bccv	cv	cvc	c	54	51	•	–	–	–	–	3·2
Renfrew	boFr₀	cr₀	cr₀c	c	50	49	46	0·1	11·00	Tr.	<21·00	0·0
Edinburgh (Inchkeith)	coir₀	oir₀mm	oir₀c	cpr	49	48	41	0·1	11·00	0·1	<21·00	0·1
Leuchars	cir₀	crrr₀c	c, p₀	c, p₀cbc	49	44	36	2	9·00	0·2	24·00	0·0
Eskdalemuir	bcxcy	cir₀	cpr₀c	c	50	44	43	Tr	12·30	0·2	22·00	1·7
Tynemouth	bcc	cop₀	op₀	oc	54	47	44	Tr	16·30	~~0·2~~ 0·1	22·00	•
Blacksod Point ...	b	b	bc	c	57	45	•	–	•	–	•	•
Donaghadee	c	cpr₀c	c	c	55	50	•	Tr	16·30	–	–	•
Birr Castle	bc	bcc	cx	cxff	58	33	25	–	–	–	–	7·6
Holyhead	c	c ⊕	opr₀c	c	56	52	50	Tr	17·30	Tr.	<21·00	1·7
Liverpool (Bidston) ...	c	co	c	cpp₀	58	50	46	–	–	0·4	4·30	4·6
Chester (Sealand) ...	bccm₀	cyc	r₀c	c, r₀m₀	55	48	45	–	–	0·1	<21·00	1·0
Harrogate	bbcc	c	cr₀	cir	54	45	41	–	–	0·6	1·30	5·4
Spurn Head	c	c	cprod₀	opd₀c	55	48	•	–	•	Tr.	24·00	5·5
Birmingham (Edgbaston)	cpr₀	c	co	o	52	45	42	Tr	9·00	Tr.	6·30	0·2
Cranwell	ombcc	c	c	cmr₀od	56	41	33	–	–	1	5·30	2·7
Gorleston	bcprq	bcqprc	cqcbc	bccm₀	59	45	44	5	<8·00	–	–	3·5
Valentia (Cahirciveen)	bwbc	bc	bc	bcw	61	38	34	–	–	–	–	7·8
Roches Point	bbc	bcc	cw	cbcw	59	44	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	bc	bc	bc	bcc	{58 83}	47	•	–	–	–	–	6·8
Ross-on-Wye	c	c	c	c	54	46	41	–	–	–	–	0·9
Leafield	cbc	c	cbc	bcc	53	43	40	–	–	–	–	1·2
Winchester (Worthy Dn.)	om₀c	cbc	bccm₀	cm₀	57	43	35	–	–	–	–	2·8
S. Farnborough ...	om~~m~~₀c	bcypr₀	bc	bcc	58	40	-	Tr	15·30	–	–	1·5
London (Kew Obsy.) ...	cbcy	p₀bcy	c	cm₀w	59	44	35	Tr	14·30	–	–	4·1
Croydon	om₀bc3₀	bcc3₀y	cz₀m₀	cbccm₀	59	42	38	–	–	–	–	2·7
Shoeburyness	cm₀bcir₀c	crc	c	cm₀	61	43	39	0·5	12·30	–	–	4·8
Clacton-on-Sea ...	bccpbc	bccbc	bcc	c	59	44	40	0·5	11·00	–	–	6·6
Felixstowe	bcprc	ccyc	c	cm₀ir₀	59	45	43	1	11·00	Tr.	5·30	5·5
Lympne	bcbcpr₀	bccprc	cbcm₀	bcwm₀cm	59	40	38	0·5	12·30	–	–	4·6
Scilly (St. Mary's) ...	bc	bc	bbc	bc	61	46	•	–	–	–	–	10·8
Falmouth (Pendennis)	bbc	bc	bc	bc	58	45	•	–	–	–	–	9·7
Plymouth (Cattewater)	byvc	bcyvc	cvb	bwc	62	44	34	–	–	–	–	8·4
Portland Bill	bbc	bc	bccbcz₀	bcc	59	47	•	–	–	–	–	•
Southampton (Calshot)	cfcbcm₀	bcm₀bcy	bcc	c	60	46	44	–	–	–	–	6·4
Dungeness	ccbc	ber₀cc	cbcbz₀	bybcm	60	42	•	Tr	13·30	–	–	•
Guernsey	bcv	bc	bcb	bbc	58	51	•	–	–	–	–	8·6

24th September



Observations from Cross Channel Steamers

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Pressure
3	24th 1h	Brighton	N	4	C-	54	61	7

GENERAL INFERENCE.

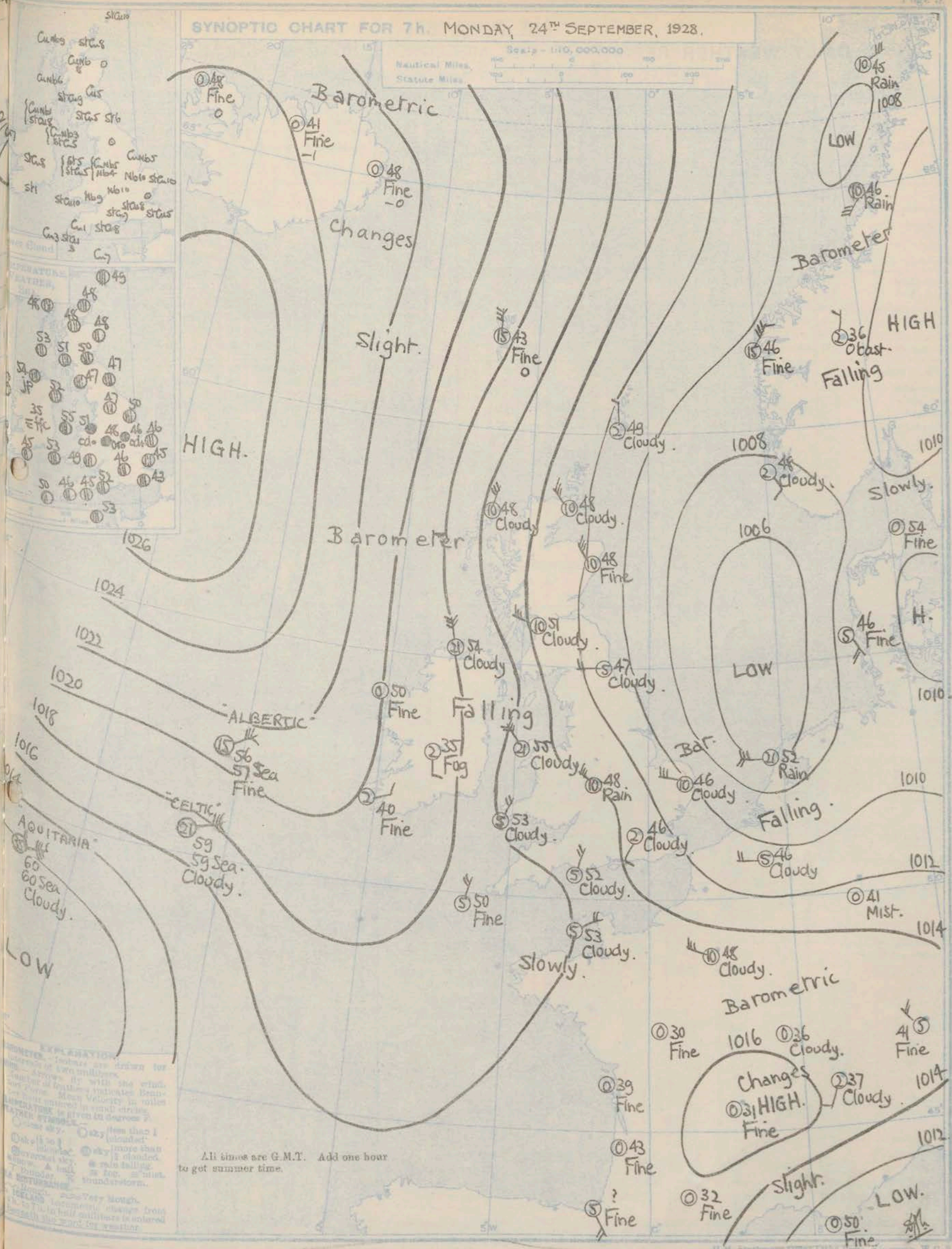
A depression centred over the Southern NorthSea is moving southward and small associated secondaries are likely to pass down the British Isles from the North. Weather will be unsettled and cool with winds mainly from a northerly point and some showers or rain in most districts.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Monday, 24th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate to fresh westerly winds, veering to northerly; cloudy, some rain today, showers tomorrow; cool during day, cold at night.	Unsettled and cool.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A.W. Scotland, B.N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Moderate to fresh winds between northeast and northwest; cloudy; occasional rain or showers; cool during day, cold at night.	
17. N.W. Ireland 18. N.E. Ireland	Moderate northerly winds, fresh at times; cloudy, occasional rain or showers; cool during day; cold at night.	W.H.P.
19. S.E. Ireland 20. S.W. Ireland	Light variable winds becoming moderate northerly; cloudy; perhaps occasional rain later; cool during day, cold at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 6.15 p.m. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

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



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... Monday, 24th September 1928. No. 268

Observations at 1h. 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	54	1012.4	-1	NW	3	c/p	48	76	7	1500	CuNb	5	A.Cu.	9	•
Stornoway	30	1010.0	-4	NW	1	c	•	•	6	•	•	•	•	10	2
Wick	81	1014.3	-3	NW	3	c	51	97	8	1500	CuNb	6	CiSt.	8	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Nairn	33	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	31	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Malin Head	81	1020.7	-3	NNW	4	c	53	85	8	5700	St.Cu	7	CiSt.	10	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1016.2	-4	WSW	3	c	49	92	8	1500	St.	6	A.Cu	10	1
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1015.0	-3	W	3	c/p	49	85	7	1500	Nb.	10	-	10	2
Blacksod Point ...	18	1022.0	-1	-	0	bc	46	85	7	•	CuNb	7	-	7	1
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1018.8	-4	NW	4	bc-	53	75	6	2500	St.Cu	7	-	7	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	23	1014.8	-3	WNW	5	c/p	49	85	7	4000	Nb.	10	-	10	4
Birmingham (Edgbaston)	555	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	278	1017.3	-5	W'N	3	c	44	92	5	2500	St.Cu	10	-	10	•
Gorleston	14	1014.4	-5	W'N	3	b	48	92	7	-	-	0	-	0	0
Valentia (Cahirciveen) P	30	1021.3	-2	E'S	1	b	49	92	9	-	-	0	-	0	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Pembroke (St. Ann's H.)	150	1019.5	-2	NE	2	bc	47	92	8	1500	Cu.	5	CiSt.	7	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Pk.)	372	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	327	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	46	•	•	•	•	•	•	•	•
Croydon	244	1017.4	-4	W'N	2	c-	45	85	6	-	-	0	CiSt.	8	•
Shoeburyness	21	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Lympne	350	1016.4	-3	NNW	3	bc-	45	85	6	-	-	0	CiSt.	5	•
Scilly (St. Mary's) ...	163	1019.5	-2	NNE	2	bc	50	75	8	4000	Cu.	3	-	3	1
Falmouth (Pendennis)	300	1019.2	-3	-	0	bc	48	85	7	4000	St.Cu	5	-	5	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1
Portland Bill	32	1020.0	-2	NNE	2	bc-	50	75	6	2500	St.Cu	5	-	5	0
Southampton (Calshot)	10	1018.3	-3	NW'N	2	c	48	85	6	4000	St.Cu	3	A.St.	8	2
Dungeness	20	1016.5	-4	N	1	b-	46	85	6	-	-	0	-	0	1
Guernsey (Fort George) P	206	1018.6	-4	-	0	bc+	52	85	7	4000	St.Cu	4	-	4	

Observations at 7h. 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	Sun. 0-1
Lerwick	1011.1	0	N	1	c	49	68	8	2500	Stm	10	-	10	•
Stornoway	1015.5	-1	NNE	3	o/r	48	85	7	4000	CuNb	9	-	9	2
Wick	1012.8	-2	NNW	3	c	48	85	8	2500	Stm	8	CiSt	10	0
Tiree	1015.1	-2	N	5	c	53	92	8	1500	CuNb	6	Astm	8	4
Nairn	1012.9	•	NEN	3	c	48	85	8	1500	St	8	-	8	•
Aberdeen	1011.7	-2	NNW	3	bc/r	48	85	8	2500	Cu	4	Ci	5	0
Malin Head	1016.6	-4	NNW	5	c/p	54	85	8	4000	Stm	9	-	9	4
Renfrew	1013.1	-1	WNW	3	c	51	85	8	5700	Stm	9	-	9	•
Edinburgh (Inchkeith)	1012.3	-4	WSW	3	c	50	92	8	4000	Cu	5	Astm	9	1
Leuchars	1011.8	-3	WNW	3	c+	48	85	8	4000	Stm	4	Ci	8	•
Eskdalemuir	1012.8	-2	NW	2	c	47	92	7	2500	Stm	5	Astm	9	•
Tynemouth	1011.9	-3	W	2	c	47	85	6	1500	St.	6	Astm	8	2
Blacksod Point ...	1012.6	-2	-	0	bc	50	75	8	•	Cu	7	-	7	1
Donaghadee	1016.4	-3	NW	4	c	52	92	8	2500	Stm	8	-	8	3
Birr Castle	1019.4	•	S	1	f/fc	35	97	3	1500	Stm	8	-	8	•
Holyhead	1014.4	-4	NNW	5	c	55	75	7	1500	St	10	-	10	5
Liverpool (Bidston) ...	1013.7	-2	N	1	cdo	51	85	7	1500	CuNb	9	-	9	•
Chester (Sealand) ...	1013.8	-3	NW	1	c	51	92	6	1500	St	10	-	10	•
Harrogate	1012.6	-4	WSW	3	c	47	85	8	~~4000~~	~~f~~	~~10~~	CiSt	8	•
Spurn Head	1010.5	-3	NW	5	c	50	85	7	4000	CuNb	5	Astm	9	4
Birmingham (Edgbaston)	1014.1	-3	WNW	3	o/c	48	92	5	1500	Nb	10	-	10	•
Cranwell	1013.1	-2	NW	3	odt	46	97	4	800	Nb	10	-	10	•
Gorleston	1010.5	-4	W'N	3	c	46	92	5	2500	Stm	10	-	10	0
Valentia (Cahirciveen) P	1010.5	-1	E'N	1	bc	40	92	8	-	-	0	CiCu	5	0
Roches Point	1019.2	-3	NNE	3	bc	45	85	8	2500	St	1	CiSt	7	0
Pembroke (St. Ann's H.)	1016.0	-2	NE	2	c+	53	75	8	1500	Stm	10	-	10	0
Ross-on-Wye	1014.8	-3	WSW	2	c	49	85	8	2500	Nb	9	Astm	10	•
Leafield	1013.9	-2	NW	3	c	46	92	8	4000	Stm	8	Astm	10	•
Winchester (Worthy Pk.)	1014.0	-3	WSW	3	c	46	92	6	2500	St	10	-	10	•
S. Farnborough ...	1014.2	-4	W	3	c	45	92	7	4000	Stm	7	Astm	10	•
London (Kew Obsy.) ...	1013.7	-2	SWW	1	c	46	92	5	4000	Stm	8	Astm	10	•
Croydon	1014.2	-2	WNW	3	c+	45	85	6	2500	Stm	5	Astm	10	•
Shoeburyness	1013.1	-3	~~N~~ W'W	1	c	45	85	5	5700	Stm	9	-	9	•
Clacton-on-Sea ...	1012.6	-4	WNW	3	c	45	85	6	-	-	0	Astm	8	2
Felixstowe	1012.3	-2	WNW	4	c/r	47	85	6	1500	Stm	9	-	9	3
Lympne	1013.4	-2	NWN	3	c/m	42	92	5	7200	Stm	9	-	9	•
Scilly (St. Mary's) ...	1017.0	-1	NEN	2	bc	50	75	8	4000	Cu	3	Ci	4	1
Falmouth (Pendennis)	1016.4	-3	NNE	1	bc	46	85	7	4000	Stm	3	CiSt	5	0
Plymouth (Cattewater)	1016.4	-2	E	1	bc	45	92	7	4000	Cu	1	Ci	6	0
Portland Bill	1015.1	-3	NNE	2	c	52	75	8	2500	Stm	8	Astm	9	1
Southampton (Calshot)	1014.8	-3	WNW	3	c	48	85	7	4000	Stm	4	Astm	9	0
Dungeness	1013.3	-3	NW	2	c	43	92	6	1500	Stm	5	Astm	8	2
Guernsey (Fort George) P	1016.0	-1	NE	2	c+	53	75	7	2500	Cu	7	Astm	9	1

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-22 to 9h. 23rd	Temperature. Max. 9h.-17h. 23rd	Rainfall.† Night 17h.-9h. 22-23rd	Rainfall.† Day 9h.-17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset. 22nd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	co	or	44	51	-	0.5	0.6	0.3
Douglas (I. o. M.) ...	or	or	44	54	-	0.1	2.7	10.6
Llandudno ...	bcc	bc	39	56	-	-	4.3	10.9
Colwyn Bay ...	b	bbco	39	54	-	-	4.1	11.1
Rhyl	bc	bc	34	55	-	-	3.4	10.2
Wallasey	bcb	bbcc	40	57	-	-	4.3	7.7
Southport	b	bbcco	36	55	-	-	6.0	8.2
Blackpool	bcc	co	38	55	-	-	7.1	9.1
Ilkley	bc	bcc	40	57	-	-	2.4	3.9
Cleethorpes	b	co	47	57	1	-	5.4	7.3
Skegness	bc	bcco	46	57	Trace	-	6.1	9.8
Aberystwyth ...	bc	bbc	38	55	-	-	8.7	9.9
Bath	cbc	cb	37	55	-	-	3.3	10.5
Cheltenham ...	co	om	38	54	-	-	0.1	7.9
Leamington Spa ...	c	c	37	59	-	-	0.0	5.2
Lowestoft	cpr	bc	46	56	3	2	3.9	9.5
Harwich & Dovercourt	bcp	bcc	45	60	Trace	Trace	5.6	8.8
Maldon	cbc	bc	42	59	-	-	3.4	6.4
Southend	b	cr	42	60	-	Trace	5.9	10.0
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	b	46	57	-	-	8.6	8.7
Bude	bcb	bc	40	59	-	-	8.8	9.4
Penzance	b	b	46	62	-	-	9.1	3.2
Paignton	bw	b	43	58	-	-	9.0	9.3
Torquay	bw	b	43	58	-	-	10.2	9.8
Jersey	bc	bc	51	61	-	-	10.5	10.2
Weymouth	b	b	43	59	-	-	10.0	10.9
Bournemouth ...	cobc	bc	40	58	-	-	6.5	10.9
Ventnor ...	b3	b3	43	55	-	-	9.3	10.0
Portsmouth (S'thsea)	bcb	bcb	44	60	-	-	9.0	10.6
Bognor	bc	bc	43	59	-	-	9.0	10.1
Littlehampton ...	bc	bc	43	59	-	-	8.2	10.0
Worthing	bc	bc	43	58	-	-	7.1	10.0
Brighton	cbc	cb	43	60	-	-	7.3	10.6
Eastbourne	bbc	bcoirc	43	60	-	0.4	5.3	10.5
Hastings	bbcc	coc	43	60	-	-	5.8	10.4
Folkestone	bc	cbc	46	59	6	-	6.2	9.9
Dover	bcc	bc	47	58	13	-	4.9	9.7
Tunbridge Wells ...	cbc	cbcc	40	62	-	-	4.1	9.6
Ramsgate	bcb	bbc	47	58	16	-	5.5	9.1
Margate	bc	pbcc	51	57	1	Trace	5.7	9.0
Deal	obc	bccop	47	60	12	Trace	4.4	8.4

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24414. Tuesday 25th September 1928. Page 1.

Observations at 13h. G.M.T. 24th

Stations (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1010.8	0	N'E	4	c/pr.	51	75	8	1500	CuNb	6	Ci	8	•
Stornoway	1015.6	0	NNE	4	c	52	75	7	4000	CuNb	10	-	10	•
Wick	1012.9	0	N	3	c	49	92	8	1500	StCu	6	CiSt	8	•
Tiree	1014.4	0	NE	6	bc	54	85	8	1500	CuNb	7	-	7	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.5	-1	NNW	4	cr.	49	85	8	2500	CuNb	9	-	9	1
Malin Head	1014.7	-2	N'E	5	c/pr.	55	85	8	4000	CuNb	8	CiCu	8	•
Renfrew	1011.8	-1	NE	3	cv	57	65	9	2500	StCu	5	ACu	8	0
Edinburgh (Inchkeith)	1010.6	-2	NE	5	bc-	50	75	8	4000	Cu	4	ACu	6	•
Leuchars	1011.4	-1	NW	3	bc-	54	65	8	2500	StCu	6	ACu	7	1
Eskdalemuir	1011.3	0	NNE	4	bc/jp	48	85	8	2600	StCu	6	-	6	1
Tynemouth	1009.9	-1	NNW	3	c/r	53	75	8	1500	StCu	6	-	8	•
Blacksod Point	1017.5	-3	NNW	3	cv	56	75	9	•	-	0	ASt	10	•
Donaghadee	1013.6	-3	NNW	4	bc-	55	75	8	4000	StCu	5	CiSt	7	•
Birr Castle	1016.5	•	W	3	c+	54	85	7	450	St	9	-	9	•
Holyhead	1012.2	-3	NNW	5	c	56	85	8	1500	Cu	4	ACu	9	0
Liverpool (Bidston)	1011.2	-2	NW'N	2	c/PR	53	92	7	1500	CuNb	10	-	10	•
Chester (Sealand)	1011.1	-3	NW	4	cr.	53	92	6	1500	Nb	10	-	10	1
Harrogate	1009.8	-4	NNW	3	c	56	65	8	4000	Nb	7	ACu	9	•
Spurn Head	1008.8	-1	WNW	5	c	55	75	7	4000	CuNb	9	CiCu	10	•
Birmingham (Edgbaston)	1011.4	-3	W	3	c	55	65	6	2500	Nb	5	ASt	9	0
Cranwell	1010.5	-3	NNW	3	c	57	75	6	1500	Cu	9	-	9	1
Gorleston	1008.0	-2	NW	4	c/pr.	54	85	6	2500	CuNb	9	-	9	•
Valentia (Cahirciveen)	1017.6	-3	NE'N	3	bc	57	65	8	4000	StCu	2	Ci	6	0
Roches Point	1017.3	-3	N	3	bc	55	75	8	2500	StCu	3	CiCu	6	•
Pembroke (St. Ann's H.)	1014.2	-2	NW	3	c-	55	85	8	2500	StCu	8	-	8	•
Ross-on-Wye	1011.9	-3	W	2	or.+	53	92	7	2500	Nb	10	-	10	1
Leafield	1011.4	-3	NW'W	3	c	55	75	8	4000	Cu	7	ASt	9	0
Winchester (Worthy Dn.)	1012.1	-2	WNW	3	c	55	75	7	2600	StCu	10	-	10	0
S. Farnborough	1011.6	-3	W'N	2	c/r	55	75	7	1600	Nb	7	CiSt	9	1
London (Kew Obsy.)	1011.1	-3	WNW	3	c	54	65	7	2500	StCu	8	Ci	9	0
Croydon	1011.6	-2	NW'W	3	c/pr.	54	75	6	2500	St	7	ASt	9	1
Shoeburyness	1010.5	-3	WNW	3	c-	55	75	8	1500	StCu	8	-	8	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009.4	-3	NW'W	3	bc-	57	65	7	2500	Cu	4	ACu	5	1
Lympne	1010.5	-3	NW'W	3	c/pr.	54	65	5	800	St	6	ASt	9	0
Scilly (St. Mary's)	1015.7	-2	N'E	1	bc	60	55	8	-	-	0	Ci	6	•
Falmouth (Pendennis)	1014.5	-1	NW'N	2	bc-	57	65	8	4000	StCu	3	ACu	6	•
Plymouth (Cattewater)	1014.2	-3	WNW	2	c	57	65	7	4000	StCu	9	-	9	0
Portland Bill	1012.4	-3	WNW	4	c	56	75	6	1500	St	7	ASt	10	•
Southampton (Calshot)	1012.6	-2	WNW	3	c	56	65	7	2600	StCu	7	ASt	10	0
Dungeness	1011.6	-2	WNW	3	c+	58	55	7	1500	Cu	5	ACu	9	•
Guernsey (Fort George)	1014.5	-2	NNW	2	bc+	58	55	8	4000	Cu	2	ACu	7	•

Observations at 18h. G.M.T. 24th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1013.0	+2	NNE	4	c/p	50	75	8	1500	StCu	8	-	8	•
Stornoway	1015.8	+1	NE	3	c	49	75	7	4000	CuNb	9	-	9	2
Wick	1012.9	+1	NNE	3	c/pr.	49	92	8	1500	CuNb	6	CiSt	8	3
Tiree	1014.3	0	NNE	6	c	51	92	8	1500	StCu	8	-	8	4
Nairn	1013.7	•	NNE	2	c/r	49	86	8	2500	CuNb	8	-	8	•
Aberdeen	1011.6	+1	NNW	3	bc/jp	47	85	8	2500	CuNb	4	-	4	3
Malin Head	1014.1	-1	N	5	cv	53	75	9	5700	StCu	9	-	9	4
Renfrew	1011.8	0	NE	2	c+	50	75	8	2600	StCu	8	-	8	•
Edinburgh (Inchkeith)	1011.3	0	NNW	3	bc	49	75	8	6700	StCu	4	ACu	7	1
Leuchars	1011.8	+1	NNW	3	c/pr.	49	75	9	2500	Nb	9	-	9	•
Eskdalemuir	1010.7	0	N'W	2	bc+	46	85	8	2500	StCu	3	-	3	•
Tynemouth	1009.6	0	NNW	4	bc	50	75	8	1500	Cu	7	-	7	4
Blacksod Point	1015.2	-1	N	5	bc	56	75	8	•	CuNb	7	-	7	6
Donaghadee	1012.5	-1	N	4	bc+	53	75	8	4000	StCu	4	-	4	3
Birr Castle	1013.6	•	NW	3	c/pr	53	85	7	450	St	9	-	9	•
Holyhead	1010.1	-2	N	4	c/pr.	54	85	7	1500	Cu	9	-	9	5
Liverpool (Bidston)	1008.8	-2	NW	2	c+	53	85	8	1500	CuNb	9	-	9	•
Chester (Sealand)	1009.2	-1	NWW	2	c	53	85	7	4000	StCu	9	-	9	•
Harrogate	1009.5	0	N	2	bc-	48	75	7	4000	Nb	5	-	5	•
Spurn Head	1008.1	0	NNW	5	c	52	85	7	4000	CuNb	4	ASt	8	3
Birmingham (Edgbaston)	1009.5	-2	WNW	2	c	51	85	5	2500	StCu	8	-	8	•
Cranwell	1008.7	-1	NNW	2	c	49	97	6	1500	St	10	-	10	•
Gorleston	1007.1	0	NW	2	c-	52	85	6	2500	Nb	8	-	8	0
Valentia (Cahirciveen)	1015.9	-2	N'E	3	bc	55	75	8	4000	StCu	3	CiCu	6	0
Roches Point	1014.8	-3	N	3	bc	56	85	8	2500	StCu	2	CiCu	5	0
Pembroke (St. Ann's H.)	1011.5	-3	NWW	4	c+	56	85	8	1500	StCu	6	ASt	9	1
Ross-on-Wye	1009.9	-2	SSW	1	c/r	50	97	8	2500	Nb	8	ASt	9	•
Leafield	1009.4	-2	W	3	c-	50	97	7	1600	Nb	9	-	9	•
Winchester (Worthy Dn.)	1010.3	-2	W'S	2	c/r	51	92	7	4000	StCu	9	-	9	•
S. Farnborough	1008.5	-2	W	1	c/pr.	53	85	7	4000	StCu	10	-	10	•
London (Kew Obsy.)	1009.2	-2	W'S	2	bc	54	75	5	4000	StCu	6	ACu	7	•
Croydon	1009.1	-3	W'S	2	bc-	52	85	6	4000	StCu	3	Ci	5	•
Shoeburyness	1008.8	-2	NW	1	bc	53	75	6	2500	StCu	7	-	7	•
Clacton-on-Sea	1008.4	-2	WNW	2	c/PR-	54	75	6	4000	CuNb	8	-	8	0
Felixstowe	1008.2	-1	W'S	3	c	55	75	6	1500	StCu	8	ASt	10	1
Lympne	1009.3	0	WNW	3	bc	49	85	6	-	-	0	ACu	4	•
Scilly (St. Mary's)	1014.3	-1	N	3	c+	55	75	7	4000	StCu	8	-	8	1
Falmouth (Pendennis)	1012.9	-2	NNW	3	c+	55	75	8	4000	Cu	2	CiSt	9	0
Plymouth (Cattewater)	1012.4	-1	NW	3	c	55	75	7	4000	StCu	1	Ci	8	0
Portland Bill	1010.4	-3	W'N	4	c	57	75	8	1500	St	6	ASt	10	0
Southampton (Calshot)	1010.4	-2	WNW	3	cr°r°	52	92	6	1500	Nb	8	ASt	9	0
Dungeness	1009.1	-2	NW	2	bc-	51	75	7	2500	StCu	3	CiCu	6	3
Guernsey (Fort George)	1012.6	-2	NW	3	c+	54	75	7	2500	Cu	4	ACu	8	4

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
		24 Hours ended 9h.											
Kew	18	c	cbc m°	bcwor	57	45	39	-	5	0.6	•	•	6
Croydon	244	cmz,jr°	cz°	bcom r°	56	46	42	Tr.	3	0.3	•	•	4
Greenwich (Royal Obsy.)	149	cdr°	cbc	cwcrçcn	58	45	40	0.3	1	0.9	67	90	5
City (Bunhill Row)	60	•	•	•	•	•	•	•	•	0.9	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	59	45	43	/		1.8	69	85	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	2.0	•	•	•
Camden Square	110	orc	c	•	59	45	-	0.3	2	•	•	92	•
Kensington Palace	86	cbc	bc	•	59	44	41	-	2	•	(At 15h) 74	85	•
Hampstead Observatory	450	•	•	•	51	40	37	0.3	2	2.8	•	94	•

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 25th & 26th September 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.46 5.47	11.45 11.44	17.44 17.41
Greenwich	5.52 5.53	11.52 11.51	17.50 17.48
Wick	6.5 6.7	12.4 12.4	18.2 18.0
Valentia	6.33 6.35	12.33 12.32	18.32 18.29

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T 25th

South Kensington Max.	Time.	Min.	Time.
Defective	record		

Kew Observatory Max.	Time.	Min.	Time.
0.2	8h 24th	<0.1	4h 25th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24th 18 h. 45 m. to 25th 5 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.15	1. 0	10
δ Ursae Minoris	10.15	0. 56	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 15h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (Ice on roads from frozen rain or melted snow).

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

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

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

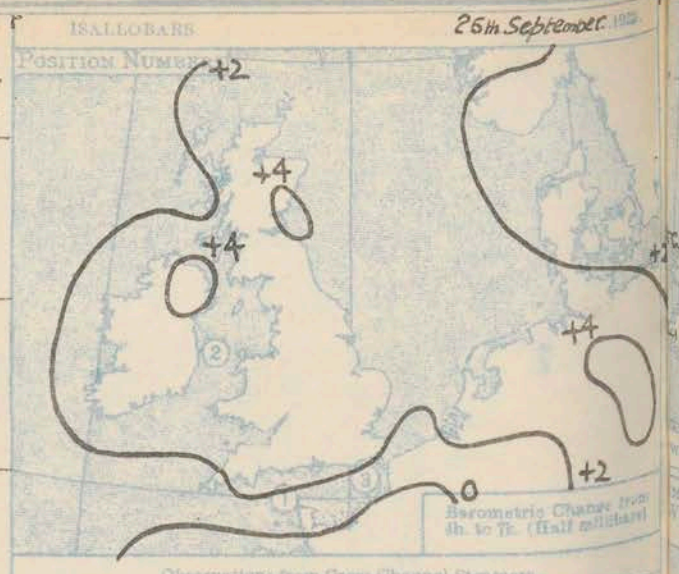
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 24th	Weather. 13h.-18h. 24th	Weather. 18h. 24th to 1h. 25th	Weather. 1h.-7h. 25th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 24th Hours.
Lerwick	cipr.	cipr.	c	cip.	52	46	•	Tr.	<8.00	Tr.	6.30	3.0
Stornoway	o	c	p	cprbc	52	42	•	-	-	0.4	3.30	0.4
Wick	cprc	cpr	cpr.	p	49	49	•	0.6	11.00	0.1	<21.00	•
Tiree	cq	bcq	cbcb	bbc	55	49	48	-	-	-	-	5.1
Nairn	cp	cpR	cpRq	prbc	50	47	•	0.4	11.00	2	<21.00	0.6
Aberdeen	crbccr.	cbcpr	bcpr	c	53	43	40	2	<8.00	0.4	<21.00	3.4
Malin Head	cpr	cprcv	cbcb	bbcv	56	50	•	1	9.00	-	-	2.9
Renfrew	cd.c	cbcc	p.bcb	bcbxm.	57	36	28	Tr.	11.00	Tr.	<21.00	2.2
Edinburgh (In[illegible]keith)	cir.bc	b.bc	b.bc	cbc	54	46	38	Tr.	11.00	-	-	5.1
Leuchars	c,p.,cir.	bcc,p.	cvbcbw	bw	56	42	33	Tr.	9.00	-	-	4.0
Eskdalemuir	cpr.bc	bubc	bccpr.bc	bccpr.bc	56	41	37	1	<8.00	1	<21.00	4.5
Tynemouth	cir.	bcq	oirbc	bc	54	46	42	0.1	9.00	2	<21.00	•
Blacksod Point	c	p.c	co	c	57	51	•	Tr.	•	Tr.	•	•
Donaghadee	c	bc	cbc	bc	57	50	•	-	-	-	-	•
Birr Castle	c	cpr	cid.	bm.	55	37	25	Tr.	17.30	0.1	<21.00	1.8
Holyhead	cprPRc	cpr.PR	cbr.c	bcpr.	57	51	48	1	<8.00	0.1	<21.00	0.3
Liverpool (Bidston)	cp.p	p.c	cor.c	cbbcv	55	44	38	2	<8.00	0.3	<21.00	1.1
Chester (Sealand)	cr.mr	cirpr.c	irc	cbcb	56	41	36	2	9.00	2	<21.00	0.2
Harrogate	c	cr.cbc	cb	cr.	56	43	39	0.1	14.30	0.2	4.30	1.2
Spurn Head	cpr	cpr.	cprbc	cbc	56	46	•	0.3	9.00	Tr.	22.00	0.7
Birmingham (Edgbaston)	c	cupr	coir	cbcf	55	40	36	Tr.	13.30	3	<21.00	0.4
Cranwell	dc	cpc	bcb	bccp	57	40	37	1	15.30	1	3.30	3.4
Gorleston	cpr	cpr	cbc	bcwm.	56	40	39	2	<8.00	Tr.	-	2.7
Valentia (Cahirciveen)	bc	bc	cp.bc	cbcb	57	48	2	-	-	0.6	24.00	9.3
Roches Point	bc	bc	bcbw	bw	58	46	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	c	bccp.	cbcp.	bcp.	56	~~47~~ 44	•	Tr.	16.30	0.4	1.30	1.3
Ross-on-Wye	d.cor.	irRd	cor	rcbc	55	41	35	7	<8.00	32	24.00	0.0
Leafield	~~cp.c~~ cr.c	cr.c	cr	cRbc	56	38	36	0.6	9.00	2	22.00	0.9
Winchester (Worthy Dn.)	cm.d.	cr.	cr.or l	or.rrm.	56	44	41	0.1	9.00	4	<21.00	0.1
S. Farnborough	cor	cp.	cp.cob	orrom.	58	44	43	0.3	11.00	11	<21.00	1.1
London (Kew Obsy.)	c	cbcm.	bcwor r	orrcm.	57	45	39	-	-	5	22.00	0.6
Croydon	cm3.pr	c3.	bcom.r.	or r.m.m	56	46	42	Tr.	9.00	3	24.00	0.3
Shoeburyness	cm.c	cbc	bcc	om.	59	45	44	-	-	3	4.30	2.5
Clacton-on-Sea	cbc	bccpr	cporo	oc	58	45	45	0.5	17.30	6	<21.00	2.8
Felixstowe	cmirbc	bcirprc	cm.r	crcm	58	45	45	0.6	<8.00	1	<21.00	2.8
Lympne	cm.pr3	cprbcm	bcmciF	codromd.	56	42	33	Tr.	11.00	0.2	2.30	1.8
Scilly (St. Mary's)	bc	bc	cbc	bcc	60	52	•	-	-	-	-	9.8
Falmouth (Pendennis)	bcc	bcc	cbccp.	cpr	59	50	•	-	-	0.2	<21.00	6.5
Plymouth (Cattewater)	bcc3.	cy	cprbc	bwcpr.	59	47	38	-	-	0.2	24.00	2.3
Portland Bill	c3.	cir.c	cpc	cir.c2.	58	48	•	Tr.	13.30	1	22.00	•
Southampton (Calshot)	cpr	cir.m.	cirm.	cirg bc	57	47	45	0.2	12.30	3	<21.00	0.0
Dungeness	c3.c	cr.bc	bcclz	c2.c	59	47	•	Tr.	13.30	-	-	•
Guernsey	cbcy	bcc	c	CPRCV	59	52	•	-	-	0.6	4.30	5.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility.
2	24th 10h	Hibernia	NNW	6	C	53	55	7
1	• 12h	St. Julien	NWN	4	C+	56	59	7
3	25th 1h	Brighton	NW	2	CotL	55	62	8

GENERAL INFERENCE.

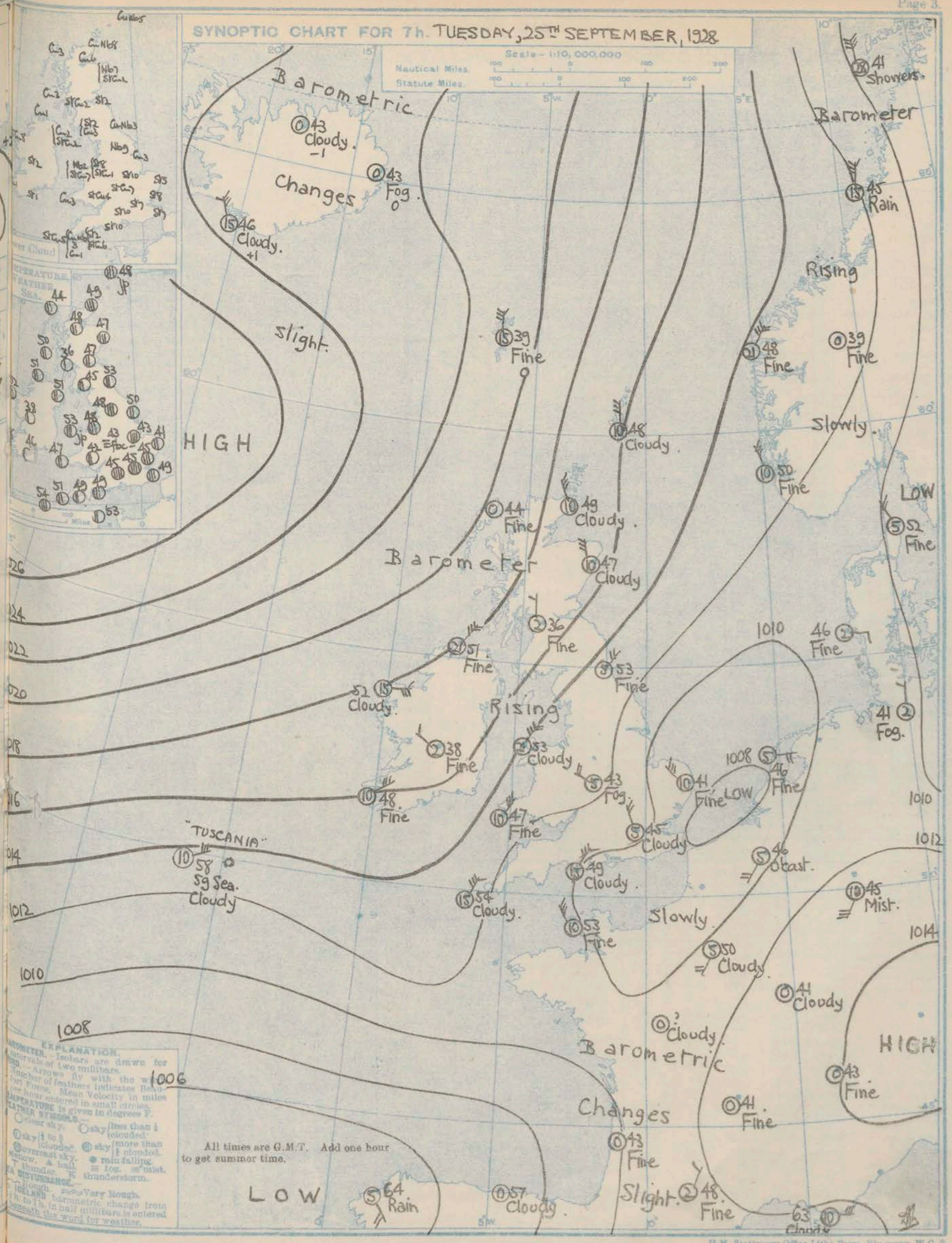
48.

A depression centred over the Straits of Dover is remaining stationary and filling up. Weather will be cloudy generally with occasional showers in most districts. Temperature will be low for the season and winds mainly from a northeasterly point

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Tuesday, 25th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A.W. Scotland, B.N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Moderate northerly to northeasterly winds; cloudy, bright intervals; occasional showers; temperature remaining low; some ground frost at night.	Unsettled; temperature remaining low.
19. S.E. Ireland 20. S.W. Ireland	Moderate northeasterly winds; cloudy with bright intervals; temperature remaining low; ground frost inland at night.	

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

§ For codes see page 1 † Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. TUESDAY, 25TH SEPTEMBER, 1928
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Barometric
Changes
slight.
HIGH
Barometer
Rising
Slowly.
LOW
Barometer
Rising
Slowly
Barometric
Changes
Slight.
HIGH
LOW
"TUSCANIA"
1010
1012
1014
1008
1006
43 Cloudy. -1
43 Fog. 0
46 Cloudy. +1
41 Showers.
45 Rain
39 Fine
48 Fine
39 Fine
48 Cloudy.
50 Fine
44 Fine
49 Cloudy.
52 Fine
47 Cloudy
36 Fine
51 Fine
53 Fine
46 Fine
41 Fog.
52 Cloudy.
38 Fine
53 Cloudy
43 Fog.
41 Fine
46 Fine
48 Fine
47 Fine
45 Cloudy
46 Obscr.
58 Sea. Cloudy
49 Cloudy.
45 Mist.
54 Cloudy.
53 Fine
50 Cloudy
41 Cloudy
Cloudy.
43 Fine
41 Fine
43 Fine
64 Rain
57 Cloudy.
48 Fine
63 Cloudy
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Arrows fly with the wind. Number of feathers indicates Beaufort Force. Mean Velocity in miles per hour entered in small circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
clear sky. sky less than ½ clouded. sky ½ to ¾ clouded. sky more than ½ clouded. overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.
SEA DISTURBANCE.—
Rough. Very Rough.
IRELAND barometric change from 7 h. to 7 h. in half millibars is entered beneath the word for weather.
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...25th...September.....1928. No.262...

Stations.	Height above M.S.L. in feet	Obs. at 1h. G.M.T. 25th: 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	Obs. at 7h. G.M.T. 25th: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1015.2	+2	N	3	c	50	75	8	2500	Stu	5	Ast	10	1016.8 (9)	+2	N	3	c/p	48	85	8	1500	CuNb	5	Acu	8	*
Stornoway	30	1013.1	+3	N	2	c/PR	*	*	6	*	*	*	*	10	1019.5	+2	–	0	bc	44	97	7	4000	Cu	3	-	3	0
Wick	81	1016.2	+3	NNW	3	c/pr	50	85	8	1500	CuNb	6	CiSt	8	1018.0	+2	NNW	3	c	49	85	8	1500	CuNb	8	CiSt	10	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.6	+1	NE	5	bc	50	75	9	2500	Cu	3	-	3	4
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.6	*	NNE	3	bc/r	48	85	8	2500	Cu	6	-	6	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.1	+3	NNW	3	c	47	97	7	1500	Nb	9	-	9	0
Malin Head	51	1016.1	+2	NNE	5	b	52	75	8	4000	Cu	1	-	1	1018.2	+2	NE	5	bc	51	75	9	4000	Cu	1	Acu	3	4
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.2	+2	N	1	b+	36	97	6	5700	Stu	2	-	2	*
Edinburgh (Inchkeith)	190	1013.5	+2	N	3	bc	47	85	9	5700	Stu	4	Acu	6	1016.0	+3	NNE	4	bc	47	75	8	1500	St	2	Acu	5	2
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.9	+4	NNW	2	bc+	45	85	8	4000	Stu	5	Ci	6	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.2 ~~1014.7~~	+3	NNE	5	bc	45	85	7	1500	Cu	5	-	5	*
Tynemouth	67	1010.8	+2	N	3	bc	50	85	8	1500	Cu	5	-	5	1012.9	+3	NNE	2	bc	53	85	8	1500	CuNb	3	-	3	2
Blacksod Point ...	18	1016.1	+1	N	6	c	55	65	6	*	-	0	Ast	10	1017.8	+2	E	4	c	52	75	8	*	Stu	8	-	8	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.2	+2	NE	4	bc	51	75	8	4000	Cu	4	-	4	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.0	*	WNW	1	b-	38	92	6	450	St	2	-	2	*
Holyhead	26	1011.8	+4	NE	5	bc-	53	75	7	4000	Stu	5	-	5	1013.7	+3	NEN	5	c/p	53	75	8	1500	Stu	9	-	9	5
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.5	+2	NNE	2	c+	48	85	9	2500	St	9	-	9	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.2	+3	NW	2	bc	45	85	6	4000	Stu	7	-	7	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.8	+3	NNW	3	c	48	97	6	2500	Nb	9	Ast	10	0
Spurn Head	29	1008.0	0	NW	4	bc-	48	92	8	4000	CuNb	4	-	4	1009.9	+2	N'W	3	bc-	50	85	7	4000	Cu	3	Acu	5	3
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	+2	WNW	2	fbc-	43	85	4	2500	Stu	7	-	7	*
Cranwell	236	1009.8	0	NWN	3	b-	41	97	6	4000	Stu	1	-	1	1011.3	+2	NNW	3	0+	43	97	5	450	St	10	-	10	*
Gorleston	14	1007.6	+1	WNW	2	bc-	47	92	7	2500	Stu	4	-	4	1009.0	+2	WNW	3	bc	41	97	5	1500	St	5	-	5	0
Valentia (Cahirciveen)P	30	1015.9	0	~~NNE~~ E	2	b	45	85	~~8~~ 8	-	-	0	-	0	1016.0	0	NEE	3	bc	48	75	8	4000	Stu	1	CiSt	3	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.4	+2	N	2	b	46	92	8	2500	St	1	-	1	0
Pembroke (St. Ann's H.)	165	1010.3	0	N	4	bc-	51	85	8	1500	Cu	4	-	4	1013.1	+2	NE	3	bc-	4~~8~~ 9	85	6	2500	Cu	3	-	3	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	+2	NNW	2	bc	42	97	6	4000	Stu	4	-	4	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.8	+3	N'W	3	bc-	43	92	6	800	Stu	3	Acu	4	*
Winchester (Worthy Dn.)	272	*	*	*	-	*	*	*	*	*	*	*	*	*	1010.9	+2	N'W	4	c-	44	97	6	800	St	8	-	8	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.4	+2	N	3	0	45	92	6	800	St	10	-	10	*
London (Kew Obsy.) ...	18	*	*	-	*	*	49	*	*	*	*	*	*	*	1010.8	+2	N'W	2	c.	45	92	5	2500	St	7	Ast	9	*
Croydon	244	1009.4	0	NE	1	0rr	49	92	5	220	Nb	10	-	10	1010.4	+2	NNE	3	m0	46	92	4	450	St	10	-	10	*
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	+1	NNW	2	0/r	45	97	5	800	St	10	-	10	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.5	+2	NNW	3	c	46	92	7	4000	St	8	-	8	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	+1	NNW	3	mc+	45	97	4	5700	Stu	8	Acu	9	*
Lympne	350	1008.7	0	NNE	1	i.fc	45	97	4	5700	Stu	9	-	9	1009.0	+1	NNE	4	cbdb	48	92	6	450	Nb	9	-	9	*
Scilly (St. Mary's) ...	163	1013.6	-1	NW	3	bc	52	85	8	4000	Cu	3	-	3	1013.0	0	NNE	4	c+	54	85	7	4000	Stu	5	Acu	8	2
Falmouth (Pendennis)	200	1011.3	-2	NW	2	c/pr	53	86	8	4000	CuNb	4	Acu	8	1010.7	+1	-	0	bc-	51	92	8	4000	CuNb	3	Acu	5	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.8	+4	NE	4	bc-	49	75	9	4000	CuNb	4	-	4	0
Portland Bill	52	1009.6	-1	WNW	4	c+	56	75	8	2500	St	8	Ast	10	1009.9	+2	NNE	4	c-	49	85	6	1500	Stu	8	-	8	1
Southampton (Calshot)	10	1009.3	-1	NWN	2	cr	50	92	7	1500	Nb	10	-	10	1010.6	+2	N	3	bc	48	85	7	1500	St	6	Acu	7	
Dungeness	20	1008.4	0	NW	2	c+	47	55	6	4000	Stu	10	-	10	1008.9	+2	NNE	3	c	49	92	7	800	St	~~8~~ 8	CiSt	10	
Guernsey (Fort George) P	296	1011.2	-1	WNW	2	bc-	55	85	8	4000	Stu	6	-	6	1010.1	0	NWN	3	bc/r	53	85	9	2500	CuNb	4	Acu	5	

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 23rd to 9h. 24th	Temperature. Max. 9h.-17h. 24th	Rainfall.† Night 17h.-9h. 23rd-24th	Rainfall.† Day 9h.-17h. 24th	Sunshine. Sunrise to 17h. 24th	Sunshine. Sunrise to Sunset. 23rd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	or.r.	PRc	45	47	1	3	2.0	0.6
Douglas (I. o. M.) ...	oc	oc	48	55	1	3	0.7	2.7
Llandudno ...	rcp	pbpr	51	56	1	6	0.4	4.3
Colwyn Bay ...	bcpbc	cpbpr	51	56	1	2	0.7	4.1
Rhyl	bcp	bcc	46	55	6	2	0.5	3.4
Wallasey	cir	cir	48	57	0.3	1	1.0	4.3
Southport	opco	oco	48	56	-	0.2	0.2	6.0
Blackpool	oc	cor	48	59	-	1	1.1	7.1
Ilkley	cpc	pc	44	57	0.4	1	1.4	2.4
Cleethorpes... ...	cb	co	45	57	1	-	1.4	5.4
Skegness	cprbc	bcpro	44	58	1	Trace	2.5	6.1
Aberystwyth ...	cp.	p.c	46	56	0.3	1	0.0	8.7
Bath	cir.	cir	47	56	Trace	2	0.0	3.3
Cheltenham ...	ob	oir	46	55	0.5	2	0.0	1.4
Leamington Spa ...	oc	oc	42	57	0.1	-	0.0	0.0
Lowestoft	c	cpr	45	57	0.1	1	2.7	3.9
Harwich & Dovercourt	c	bcur	44	59	Trace	Trace	3.6	5.6
Maldon	oc	cbc	44	58	-	-	1.5	3.4
Southend	cr.	c	43	60	Trace	Trace	2.2	5.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	oc	cor	50 ~~7~~	58	-	2	0.1	9.6
Bude	wuoc	cbc	38	59	-	-	2.9	10.6
Penzance	b	bz	43	63	-	-	8.7	9.7
Paignton	om	oco	41	59	-	-	1.1	9.1
Torquay	cm	czo	45	60	-	-	1.2	10.3
Jersey	pcbc	bc	48	61	2	-	3.0	10.9
Weymouth	c	cpc	48	58	-	1	0.0	10.0
Bournemouth ...	o	or	45	58	-	1	0.1	6.0
Ventnor ...	ou	oup	46	57	-	Trace	0.3	10.3
Portsmouth (S'thsea)	op.	o	47	57	-	Trace	0.2	9.0
Bognor	o	ocrc	44	56	-	Trace	0.2	9.0
Littlehampton ...	cbcc	cr.c	42	57	-	Trace	0.3	8.2
Worthing	c	crc	44	55	-	0.5	0.2	7.1
Brighton	co	odoc	45	57	-	0.1	1.1	7.3
Eastbourne‡... ...	co	oir.o	45	58	-	Trace	0.8	5.5
Hastings‡	cbcc	bcc	43	57	-	-	1.1	5.8
Folkestone	ocpc	c	44	57	-	Trace	0.6	6.2
Dover	c	cpbc	45	57	Trace	Trace	0.8	4.9
Tunbridge Wells ...	ocop	ococ	41	55	-	Trace	0.5	4.1
Ramsgate	c	cbc	45	57	-	-	2.3	5.5
Margate	bc	bcpc	48	57	-	Trace	2.5	5.7
Deal	o	oco	44	58	-	-	0.8	4.1

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24415 Wednesday, 26th September 1928. Page 1.

Observations at 13h. G.M.T. 25th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1017.0	0	N	2	c	50	65	8	2500	StCu	10	-	10	•
Stornoway	1020.9	+1	NNE	2	c	52	85	8	4000	Cu	9	-	9	•
Wick	1019.3	+1	NW	3	c	52	85	8	2500	StCu	8	-	8	•
Tiree	1020.5	+1	NE	5	bv-	55	55	9	4000	Cu	1	-	1	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.6	0	N	3	c	51	75	8	2500	Cu	8	Ci	9	1
Malin Head	1019.8	+1	NNE	3	bcv	64	65	9	-	-	0	ACu	3	•
Renfrew	1019.0	+1	NE	3	c	55	65	8	4000	StCu	8	-	8	0
Edinburgh (Inchkeith)	1017.9	+2	NNE	3	cv	55	75	9	4000	Cu	8	Ci	9	•
Leuchars	1018.5	+1	NNE	3	c	54	75	8	4000	StCu	3	Ci	8	0
Eskdalemuir	1018.0	+2	NNE	4	cr_0	50	85	7	1500	St	9	-	9	2
Tynemouth	1016.3	+2	NNE	4	bc	54	85	8	1500	Cu	3	Ci	5	•
Blacksod Point	1019.6	+2	E	4	bcv	56	65	9	•	Cu	5	-	5	•
Donaghadee	1018.7	+1	NE	4	bc	55	65	8	5700	StCu	3	-	3	•
Birr Castle	1018.2	•	N	3	c+	54	75	7	2500	StCu	9	-	9	•
Holyhead	1016.1	+2	NE'N	4	bc-	57	75	8	2500	Cu	5	Ci	6	0
Liverpool (Bidston)	1015.6	+1	NNW	2	cv-	54	75	9	2500	Nb	8	Ci	8	•
Chester (Sealand)	1015.1	+2	NWN	4	c-	55	75	6	2500	StCu	8	-	8	1
Harrogate	1016.1	+2	NNE	4	cv-	57	65	9	4000	CuNb	8	-	8	•
Spurn Head	1013.9	+2	NNE	4	bc	59	75	7	4000	Cu	3	ACu	4	•
Birmingham (Edgbaston)	1014.0	+2	NNE	2	bc-	54	65	6	4000	StCu	7	-	7	0
Cranwell	1013.7	+2	NE	4	c	57	75	8	1500	Cu	9	-	9	1
Gorleston	1012.0	+3	NE	3	bc	57	85	7	2500	CuNb	6	-	6	•
Valentia (Cahirciveen)	1017.0	0	NE	4	bv	58	65	9	4000	Cu	2	-	2	0
Roches Point	1017.0	+1	ENE	2	bc	57	65	8	2500	Cu	7	-	7	•
Pembroke (St. Ann's H.)	1015.0	+1	NE	3	bc+	57	75	8	2500	Cu	6	-	6	•
Ross-on-Wye	1014.1	+1	ENE	3	bc-	55	65	6	4000	Cu	3	-	3	0
Leafield	1013.9	+3	NE'N	3	bc-	51	85	7	1500	Cu	4	-	4	1
Winchester (Worthy Dn.)	1012.8	+1	N	4	bc-	53	65	8	2600	Cu	6	-	6	0
S. Farnborough	1012.8	+2	N'W	3	c	55	65	7	2500	Cu	8	-	8	1
London (Kew Obsy.)	1012.9	+1	NNE	2	bc	55	65	7	2500	Cu	4	ACu	5	1
Croydon	1012.2	0	NNE	3	bc-	55	65	6	2500	Cu	6	-	6	1
Shoeburyness	1012.0	+3	NE	3	bc-	59	65	8	2600	Cu	3	-	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.8	+2	N'E	3	c	58	56	8	4000	Cu	7	ACu	8	1
Lympne	1011.5	+2	NNE	4	c/r	52	75	7	1500	StCu	9	-	9	5
Scilly (St. Mary's)	1013.9	+1	NE'N	4	b	59	55	7	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1013.8	+2	ENE	3	bc	56	65	8	4000	CuNb	6	-	6	•
Plymouth (Cattewater)	1013.6	+1	NNE	4	bc	57	55	8	4000	Cu	3	-	3	0
Portland Bill	1012.5	+2	NNE	4	c-	57	55	8	2600	St	9	-	9	•
Southampton (Calshot)	1012.8	0	N	3	bc	56	65	7	2500	Cu	4	-	4	1
Dungeness	1011.2	+2	NE	4	c	55	75	8	2800	Cu	6	ACu	9	•
Guernsey (Fort George)	1013.1	+2	NE	4	bc	55	65	8	2600	Cu	7	-	7	•

Observations at 18h. G.M.T. 25th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1017.5	0	N	2	c/d	48	92	7	800	St	2	ASt	9	•
Stornoway	1021.3	+1	NE	1	o	50	75	7	2500	St	10	-	10	0
Wick	1020.4	+1	NW	3	c	49	75	8	2500	StCu	8	CiSt	10	1
Tiree	1020.2	0	NE	4	bcv+	53	75	9	2500	CuNb	6	-	6	4
Nairn	1020.0	•	-	0	bc+	50	85	8	2500	CuNb	7	-	7	•
Aberdeen	1019.6	+2	NNW	3	cr_0	48	92	8	2500	Nb	8	-	8	0
Malin Head	1020.0	+1	NNE	3	bv	52	75	9	-	-	0	ACu	1	1
Renfrew	1019.6	+1	NE	2	c	53	75	7	4000	StCu	10	-	10	•
Edinburgh (Inchkeith)	1019.3	+2	ESE	2	c	51	85	8	4000	Cu	9	-	9	1
Leuchars	1019.6	+2	NNW	2	c	50	75	8	4000	StCu	9	-	9	•
Eskdalemuir	1019.4	+2	NE	1	bc	47	85	8	2500	StCu	5	-	5	•
Tynemouth	1018.1	+1	NNE	4	cjp	50	85	7	1600	Nb	8	-	8	4
Blacksod Point	1020.1	0	NE	4	bc	56	65	8	•	Cu	7	-	7	4
Donaghadee	1019.1	+1	NE	3	bc+	55	75	7	4000	StCu	5	-	5	3
Birr Castle	1018.2	•	N	2	c	54	85	7	2500	StCu	9	-	9	•
Holyhead	1017.1	+2	NE	4	bc+	56	85	8	2500	Cu	1	CiCu	4	4
Liverpool (Bidston)	1016.8	+2	NE	3	bc-	56	65	6	2500	StCu	3	Ci	6	•
Chester (Sealand)	1016.3	+3	NE'N	2	bc-	53	75	6	4000	StCu	2	Ci	7	•
Harrogate	1018.0	+3	N	4	bc/r	50	92	6	4000	Nb	3	ACu	5	•
Spurn Head	1016.2	+2	N'E	4	bc	54	85	7	5700	StCu	3	-	3	2
Birmingham (Edgbaston)	1016.2	+2	NE	3	b-	54	65	5	-	-	0	Ci	1	•
Cranwell	1016.1	+4	NE'N	2	b-	50	85	8	4000	StCu	<1	Ci	1	•
Gorleston	1014.3	+4	NE	4	bc-	54	75	7	5700	Cu	4	-	4	0
Valentia (Cahirciveen)	1017.5	+1	NE'E	4	b	55	65	8	4000	Cu	2	-	2	0
Roches Point	1017.4	+1	N	2	c	55	85	8	4000	StCu	9	-	9	0
Pembroke (St. Ann's H.)	1015.7	0	N	3	bc	54	85	8	2500	Cu	4	ASt	6	1
Ross-on-Wye	1015.3	+2	NNW	1	c	53	85	5	4000	StCu	7	Ci	8	•
Leafield	1015.1	+2	N'E	3	bc	49	92	8	5700	StCu	3	Ci	4	•
Winchester (Worthy Dn.)	1014.2	+2	NW'N	1	b	50	86	7	4000	StCu	1	-	1	•
S. Farnborough	1014.0	+2	NW	1	bc	53	75	6	2500	StCu	3	-	3	•
London (Kew Obsy.)	1014.3	+1	NNW	1	bc	55	75	6	4000	StCu	2	ACu	3	•
Croydon	1013.9	+3	NW'N	1	fc	53	75	3	2500	StCu	9	-	9	•
Shoeburyness	1013.9	+2	NNW	1	bc	50	92	7	4000	StCu	4	-	4	•
Clacton-on-Sea	1013.9	+3	NNE	3	bc	55	75	7	4000	Cu	4	-	4	2
Felixstowe	1014.4	+5	NE'N	3	bc	50	75	7	4000	Cu	3	-	3	1
Lympne	1013.1	+2	N'E	3	bc	53	75	8	2500	Cu	4	-	4	•
Scilly (St. Mary's)	1014.2	+1	NE	4	b-	54	75	7	4000	Cu	2	-	2	4
Falmouth (Pendennis)	1014.9	+1	E'N	2	bc+	55	85	7	4000	CuNb	5	ACu	6	0
Plymouth (Cattewater)	1014.9	+2	NE	3	bc	55	65	8	4000	StCu	6	-	6	0
Portland Bill	1013.6	+1	NNE	4	b-	54	65	6	2500	Cu	2	-	2	1
Southampton (Calshot)	1014.4	+2	N	2	b-	55	65	6	2500	StCu	1	-	1	0
Dungeness	1013.5	+2	N	2	bc-	55	75	8	2500	Cu	5	-	5	1
Guernsey (Fort George)	1014.2	+1	ENE	4	bc-	54	65	8	2500	Cu	4	-	4	4

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

Station	Heights above M.S.L. in feet.	Weather (24 Hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cm_0	bc	bcbzf	58	40	30	-	-	6.4	•	•	5
Croydon	244	$cmbcz_0$	bcz,m	cfpc,m	57	36	30	-	03	4.0	•	•	2
Greenwich (Royal Obsy.)	149	c	cbcccr	crbmfm	59	40	28	2	1	4.9	55	84	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	6.2	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	60	44	37	-	-	6.3	60	86	•
Regent's Pk. (Botanic Gdns.)	129	•	•	•	•	•	•	•	•	6.3	•	•	•
Camden Square	110	c	cbcb	•	62	44	-	-	-	•	•	92	•
Kensington Palace	90	cbc	bc	•	59	43	34	-	-	•	(At 15h 63)	79	•
Hampstead Observatory	450	•	•	•	57	40	35	-	-	7.2	•	89	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 26th.

	Max.	Time	Min.	Time.
South Kensington	0.6	19h 25th	<0.3	1h 26th
Kew Observatory	0.2	20h 25th	0.1	15h 25th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 18 h. 45 m. to 26th 5 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.15	10.16	100
δ Ursae Minoris	10.15	10.15	100

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

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

26th + 27th September 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.47 5.48	11.44 11.44	17.41 17.39
Greenwich	5.53 5.55	11.51 11.51	17.48 17.46
Wick	6.7 6.9	12.4 12.3	18.0 17.57
Valentia	6.35 6.36	12.32 12.32	18.29 18.27

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

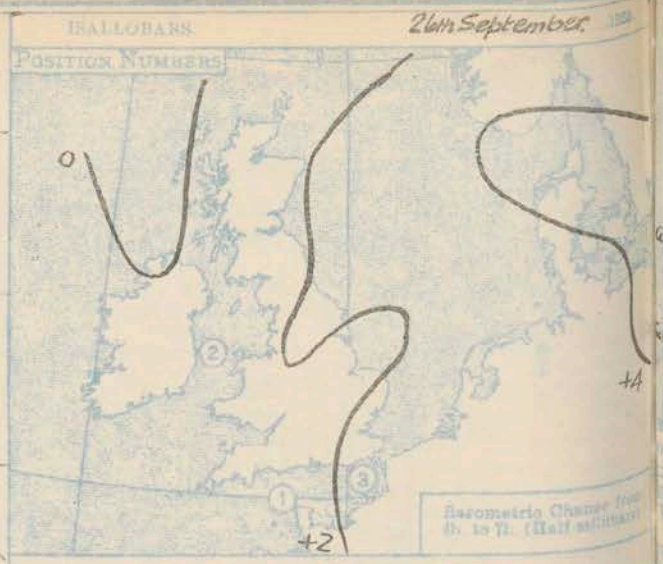
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 25th	Weather. 13h.-18h. 25th	Weather. 18h. 25th to 1h. 26th	Weather. 1h.-7h. 26th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min on Grass	Rainfall† Day 7h.-18h. mm.	Rainfall† Day 7h.-18h. began.	Rainfall† Night 18h.-7h. mm.	Rainfall† Night 18h.-7h. began.	Sun 25th Hours.
Lerwick	c	c i d.	c i r.	c	50	40	•	Tr.	17.30	Tr.	<21.00	0.1
Stornoway	c	o	c	o	54	46	•	-	-	-	-	4.1
Wick	c	c	c p r b c	c	52	45	•	-	-	0.2	22.00	•
Tiree	b c	b c	b c b	b b c	55	38	29	-	-	-	-	8.8
Nairn	b c	b c	b c c	c	53	46	•	-	-	-	-	1.2
Aberdeen	c r c b e c	c p r.	c i r. c	c	54	44	41	0.4	<8.00	Tr.	<21.00	1.4
Malin Head	b c y	b v	b x	b x	54	41	•	-	-	-	-	10.7
Renfrew	b c b m. c	c	o m.	c m. b f	57	30	24	-	-	-	-	3.2
Edinburgh (Inchkeith)	b c c	c	c	o c b c	55	46	38	-	-	-	-	2.6
Leuchars	b c c	c	c	c b c w	57	39	32	-	-	-	-	3.5
Eskdalemuir	b c c p r.	c b c	b c c	c	52	41	38	0.1	11.00	-	-	3.0
Tynemouth	b c	b e c i r.	c b c p.	b c p.	54	47	42	Tr.	16.30	1	<21.00	•
Blacksod Point	c b c	c	b	b	57	43	•	-	•	-	•	•
Donaghadee	b c	b c	b c	b c b	56	46	•	-	-	-	-	•
Birr Castle	b b e c	c	c b c	o f f	55	34	26	-	-	-	-	4.9
Holyhead	c p r	b c b	b b c b m w	b, c m.	58	50	48	Tr.	<8.00	-	-	7.3
Liverpool (Bidston)	c v	c v b c	b w b c c	c o w m	57	47	38	-	-	-	-	4.3
Chester (Sealand)	c p r. 3.	c 3. m.	b 2. m.	c m F w	59	40	33	Tr.	11.00	-	-	2.1
Harrogate	c d. c b c	b e c r.	b c b	c	58	48	39	Tr.	<8.00	-	-	5.0
Spurn Head	b c	b c	b b c w	b c w	60	46	•	-	-	Tr.	-	9.6
Birmingham (Edgbaston)	c p r.	b e p r b	b	b o f	55	44	37	Tr.	9.00	-	-	1.4
Cranwell	o f c p. c	b c r b	b o f	o f e f e	61	41	36	0.1	12.30	0.1	-	5.3
Gorleston	b c p r.	b c	b c	b b c 2.	61	42	40	0.1	11.00	-	-	9.1
Valentia (Cahirciveen)	b c b v y	b v y	b w	b w b c	58	45	•	-	-	-	-	10.1
Roches Point	b b c	b e c	c b c w	b c w	59	48	•	-	-	Tr.	-	•
Pembroke (St. Ann's H.)	b c	b c	b c b	b c 2.	59	47	•	-	-	-	-	8.7
Ross-on-Wye	b b e c	b 3. c b e c g c	c b m w	b c c o g	57	41	33	-	-	-	-	4.9
Leafield	c	b c	b c b w	b f o	56	39	35	-	-	Tr.	4.30	4.2
Winchester (Worthy Dn.)	c m. b c	b c b	b w	b w o f f	56	39	31	-	-	Tr.	-	7.3
S. Farnborough	o b c c	c b	b c b m.	b m f o f e	58	32	24	-	-	Tr.	-	5.4
London (Kew Obsy.)	c m.	b c	b c b 2. f	o f w	58	40	30	-	-	-	-	6.4
Croydon	c m b c 3.	b e 3. m	c f f c b m.	b m f o F	57	36	30	-	-	0.3	<21.00	4.0
Shoeburyness	o m b c	c r.	b c	b c	61	41	38	0.4	14.30	-	-	5.4
Clacton-on-Sea	c b c	b e c p b c	b c	b c	60	44	41	0.1	14.30	-	-	6.1
Felixstowe	c m b b e c	b e c p r b c	b c	b c w	61	41	37	2	13.30	Tr.	-	7.1
Lympne	c d m c m r r c	c m. b c	c r c b	b, c m. b c	57	41	33	1	<8.00	0.1	<21.00	3.2
Scilly (St. Mary's)	c b c	b b c	b	b b c	59	52	•	-	-	-	-	9.6
Falmouth (Pendennis)	b c	b c	b c	b c	58	49	•	-	-	-	-	8.5
Plymouth (Cattewater)	b c v b y	b y c	b c b	b w	60	46	37	-	-	-	-	8.6
Portland Bill	c	c b c 3.	b 2.	b 2.	58	48	•	-	-	-	-	•
Southampton (Calshot)	b c m.	b c b m.	b c w m b w m	b w m.	58	45	37	-	-	Tr.	-	8.2
Dungeness	c p r. c	c b c	b c b c	b c b c	59	45	•	Tr.	11.00	-	-	•
Guernsey	b c	b c	b b c c	b c q	56	54	•	-	-	-	-	8.7



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Barometer
2	25th 10h	Hibernia	NEN	6	c	54	56	7
1	" 12h	St. Helier	NNE	5	bc+	55	60	7
3	26th 1h	Dieppe	NE	4	/pr.	58	61	8

GENERAL INFERENCE.

A deep depression is centre near Northern Scandinavia and secondaries to it may move south-eastwards and bring some rain to Northern Scotland. Pressure remains relatively high off our northwestern coasts. Weather will become unsettled for a while in Northern Scotland but elsewhere mainly fair quiet conditions seem likely to prevail. Temperature will continue rather low.

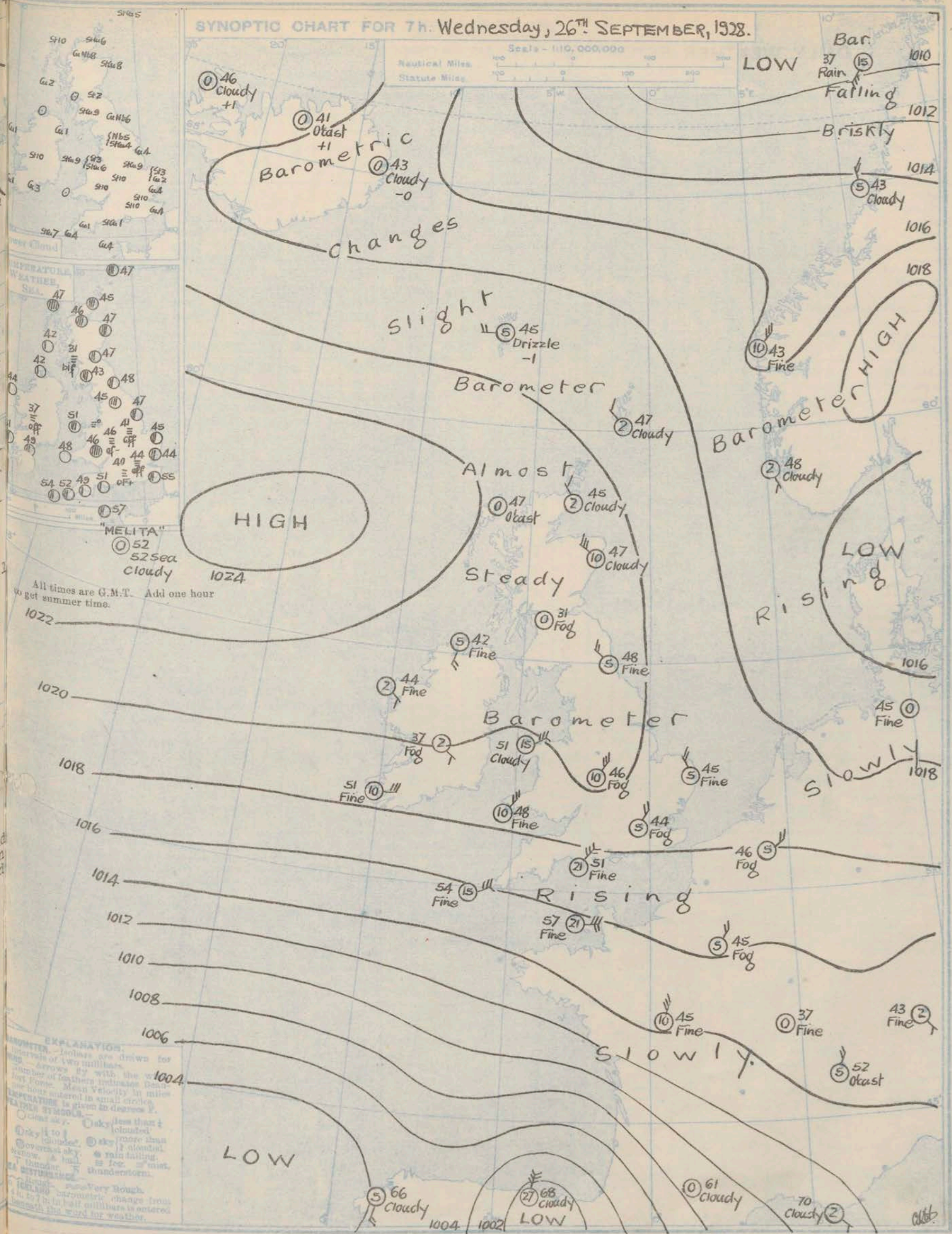
Forecasts for the 24 hours commencing 12 Noon G.M.T. Wednesday, 26th September, 1928.

Districts.	Forecast	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands	Light to moderate northerly or northeasterly winds: considerable bright periods; temperature remaining low; some ground frost and mist locally at night.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Light or moderate northeasterly winds; considerable bright periods; temperature remaining low; some ground frost and mist locally at night.	Showery in Northern Scotland and along eastern coast of Scotland and England, mainly bright elsewhere. Temperature continuing low.
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light to moderate northerly winds, backing temporarily; considerable bright intervals, occasional showers; temperature remaining low.	
13. (A.W. Scotland, B.N.W. Scotland) 14. Mid-Scotland	Light variable winds becoming northwesterly later; considerable bright periods, perhaps occasional showers later; temperature remaining low.	
15. N.E. Scotland 16. Orkneys and Shetlands	Light to moderate northerly winds, backing temporarily; cloudy, some drizzle and showers; temperature remaining low.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate easterly winds; mainly bright; temperature remaining low; ground frost inland at night.	

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

‡ For code see page 1

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


SYNOPTIC CHART FOR 7h. Wednesday, 26TH SEPTEMBER, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Bar.
37 Rain
Falling
Briskly
Changes
Barometric
Slight
Barometer
Almost
Steady
Barometer
HIGH
Barometer
HIGH
LOW
Rising
Slowly
Barometer
Rising
Slowly.
LOW
LOW
"MELITA"
52 Sea
Cloudy
All times are G.M.T. Add one hour to get summer time.
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Wednesday...26th...September.1928. No.270...

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T....26th.... Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T....26th.... Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Pr. 24h.
Lerwick	54	1018.6	+1	-	0	c j p	47	85	7	1500	CuNb	3	Pst	9	1018.7	0	NW	1	c	47	75	7	1500	Stcu	5	Pst	9	*
Stornoway	30	1023.0	0	-	0	c	*	*	7	*	*	*	*	10	1021.6	0	-	0	0	47	92	7	2500	St	10	-	10	0
Wick	81	1021.1	0	NW	1	bc	46	97	8	2500	Stcu	3	Ci	6	1020.7	0	NNW	1	c	45	97	8	2500	Stcu	6	Ci St	8	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.4	0	SSE	1	b	42	97	9	4000	Cu	2	-	2	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.4	*	-	0	c+	46	85	8	1500	CuNb	8	-	8	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+2	NW	3	c	47	85	8	2500	Stcu	8	-	8	0
Malin Head	81	1021.5	0	S	1	b	49	92	8	-	-	0	Acu	1	1021.1	0	SSW	2	b	42	92	8	-	-	0	Acu	1	0
Renfrew	58	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.3	0	-	0	i j b	31	97	3	-	-	0	-	0	*
Edinburgh (Inchkeith)	190	1019.9	+1	NNE	2	o	49	75	8	1500	St	10	-	10	1020.9	0	NNW	3	bc	47	75	7	800	St	2	Acu	4	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.5	+1	WNW	1	b-	41	92	8	4000	Stcu	1	-	1	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.8	0	-	0	c	43	92	8	2500	Stcu	9	-	9	*
Tynemouth	67	1019.9	+1	NNW	2	bc/r	49	97	7	800	Cu	4	-	4	1021.4	+2	NW	2	bc/r	48	97	7	1500	CuNb	6	-	6	2
Blacksod Point ...	18	1021.0	+1	E	2	b	50	75	8	*	Cu	2	-	2	1020.3	+1	SE	1	b	44	85	8	..	Cu	1	-	1	1
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.7	0	E	3	b	52	65	8	4000	Cu	1	-	1	2
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	*	SE	1	f f o	37	97	2	4150	St	10	-	10	*
Holyhead	20	1019.3	+2	E	4	b	51	85	6	4000	Stcu	1	-	1	1019.4	+1	E'N	4	c	51	85	5	5700	Stcu	9	-	9	3
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	+1	E'N	1	mmc	47	85	4	7200	Stcu	9	-	9	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.5	+3	-	0	Fb+	40	97	1	-	-	0	-	0	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.0	+2	N	1	c	45	92	7	4000	Nb	9	-	9	*
Spurn Head	29	1018.4	0	NNW	3	bc+	50	97	7	4000	CuNb	4	-	4	1019.4	+1	NWN	3	bc	47	92	7	4000	Cu	4	-	4	2
Birmingham (Edgbaston)	535	..	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	+1	NE	3	f o-	46	92	4	800	St	10	-	10	*
Cranwell	233	1019.7	+3	NNW	2	Fo+	43	97	1	4150	St	10	-	10	1020.6	+1	NWN	2	s f c	41	97	2	4150	St	9	-	9	*
Gorleston	14	1017.4	+2	NNW	1	b-	51	85	7	4000	Cu	2	-	2	1018.7	+2	NNW	2	bc	45	92	5	1500	St	6	-	6	0
Valentia (Cahirciveen) P	30	~~1019.2~~ 1018.6	0	E	2	b	49	92	8	-	-	0	-	0	1018.1	0	E'S	3	bc	51	75	8	4000	Cu	1	Ci St	3	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	+1	ENE	2	bc	49	97	8	1500	Cu	3	-	3	0
Pembroke (St. Ann's H.)	150	1018.0	+2	NE	3	b	50	92	6	-	-	0	-	0	1018.5	+2	NE	3	b	48	92	6	-	-	0	-	0	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.8	+1	ENE	2	o	46	92	5	1500	St	10	-	10	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+1	N'E	3	f o-	43	97	4	220	St	10	-	10	*
Winchester (Worthy Dn.)	373	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.7	+1	N	3	f f o	42	97	3	220	St	10	-	10	*
S. Farnborough ...	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	+1	SW	1	Fo+	40	97	1	4150	St	10	-	10	*
London (Kew Obsy.) ...	18	*	*	*	*	*	46	*	*	*	*	*	*	*	1019.7	+3	NE'N	2	s f o	44	97	3	4150	St	10	-	10	*
Croydon	344	1018.2	+3	-	0	mmb	40	97	4	-	-	0	-	0	1019.4	+2	NE	2	Fo+	38	97	1	4150	St	10	-	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.0	+1	NNE	1	b	46	92	7	-	-	0	Acu	1	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	+2	N	4	bc	44	92	7	4000	Cu	4	-	4	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.9	+2	NNE	2	bc	45	85	7	4000	Cu	3	-	3	*
Lympne	350	1016.7	+4	NE'N	2	b	44	85	7	4000	Stcu	1	-	1	1018.0	+2	NE'N	2	bc-	45	92	7	2500	Stcu	5	-	5	*
Scilly (St. Mary's) ...	163	1016.6	0	E'N	4	b	53	76	7	4000	Cu	1	-	1	1016.1	0	ENE	4	bc	54	92	6	4000	Stcu	7	-	7	4
Falmouth (Pendennis)	200	1016.1	0	NE	3	bc	50	85	7	4000	Stcu	2	Acu	4	1016.9	+1	E	4	bc+	52	92	7	4000	Cu	4	Ci St	7	1
Plymouth (Cattewater)	83	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.7	0	ENE	4	b	49	85	7	4000	Cu	1	Ci	1	0
Portland Bill	52	1015.7	0	NE	5	b	53	85	6	-	-	0	-	0	1016.8	+2	NE	5	b	51	75	6	2500	Stcu	1	-	1	1
Southampton (Calshot)	10	1017.4	+2	N'W	2	b	47	85	6	-	-	0	-	0	1018.0	+1	NE'N	4	b	48	85	6	-	-	0	-	0	0
Dungeness	20	1016.2	+2	NNE	4	bc-	55	65	8	2500	Cu	3	-	3	1017.9	+3	SE	3	bc+	55	75	8	2500	Cu	4	-	4	3
Guernsey (Fort George) P	295	1016.0	+2	NE	5	bc	56	85	6	4000	Stcu	6	-	6	1015.5	+1	E	5	bc	57	75	8	2500	Cu	4	-	4	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th September.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 24th to 9h. 25th.	Temperature. Max. 9h.-17h. 25th.	Rainfall.† Night 17h.-9h. 25th-26th.	Rainfall.† Day 9h.-17h. 25th.	Sunshine. Sunrise to 17h. 25th.	Sunshine. Sunrise to Sunset. 24th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	46	52	2	-	1.7	2.0
Douglas (I. o. M.) ...	bcb	bcb	45	57	0.1	-	6.4	0.7
Llandudno ...	c	cbc	50	58	0.6	-	4.8	0.1
Colwyn Bay ...	oc	bbcbc	46	58	3	-	2.3	0.7
Rhyl	bc	bc	44	59	2	-	4.1	0.5
Walasey	c	bc	44	60	0.3	-	4.9	1.0
Southport	bbcobc	bcc	42	61	-	-	6.2	0.2
Blackpool	bcc	c	43	60	1	-	6.3	1.1
Ilkley	bc	bc	40	59	-	-	4.4	1.4
Cleethorpes... ...	cb	b	44	59	0.1	-	9.0	1.4
Skegness	ocbrc	bcc	42	60	Trace	-	7.5	2.8
Aberystwyth ...	bc	bc	40	59	1	-	8.5	0.0
Bath	obcc	cbcb	42	57	2	-	6.3	0.0
Cheltenham ...	ocbc	bm	42	58	8	-	4.1	0.0
Leamington Spa ...	co	o	40	58	6	-	0.0	0.0
Lowestoft	b	b	42	56	1	-	9.1	2.7
Harwich & Dovercourt	bfbc	pbc	45	62	2	1	7.3	3.6
Maldon	obc	bcbp	43	60	4	Trace	0.5	1.5
Southend	pmbc	bcpm	44	61	3	0.5	5.6	2.2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	b	51	58	1	-	9.4	0.1
Bude	cbcbc	bcbc	45	58	5	-	9.0	2.9
Penzance	b	b	50	62	1	-	9.2	8.7
Paignton	bbc	bc	48	58	Trace	-	7.0	1.1
Torquay	bcmbc	bcy	49	59	0.2	-	7.2	1.2
Jersey	rcbc	bc	51	60	4	-	7.3	3.3
Weymouth	bbcb	b	47	60	0.3	-	8.5	0.1
Bournemouth ...	ocbc	bc	45	57	2	-	7.0	0.1
Ventnor	rbcb	b	46	56	2	-	9.9	0.3
Portsmouth (S'thsea)	b	b	47	59	5	-	9.2	0.2
Bognor	bcbc	bcb	45	58	9	-	7.1	0.2
Littlehampton ...	cbc	bcb	47	58	6	-	6.6	0.3
Worthing	cb	cb	47	57	7	-	5.4	0.2
Brighton	occ	bcb	47	59	7	-	3.8	1.1
Eastbourne‡	rroc	bcbcb	48	60	2	-	5.7	0.8
Hastings‡	cbc	bcb	47	58	-	-	4.8	1.1
Folkestone	ocgor	oirbc	47	57	-	-	0.9	0.8
Dover	cidr	cirbc	48	56	0.1	-	2.2	0.4
Tunbridge Wells ...	moc	bccb	45	59	2	-	3.8	0.8
Ramsgate	bcr	rbc	49	57	-	13	2.5	2.3
Margate	bc	crbc	51	57	-	4	2.7	2.5
Deal	grro	ocbc	48	58	2	8	2.5	0.8

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Observations at 13h. 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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	1017.6	-1	W	1	c-	50	75	8	1500	StCu	4	ASt	8	•
Stornoway	1020.7	-1	-	0	c	51	85	7	4000	CuNb	8	-	8	•
Wick	1020.1	0	NW	2	c	50	85	8	1500	StCu	8	-	8	•
Tiree	1021.0	0	S'W	2	bcv	55	75	9	2600	CuNb	5	ACu	7	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1020.9	-1	NW	3	c+	51	75	8	2500	StCu	9	-	9	1
Malin Head	1020.7	-1	NE	1	c+	54	85	8	5700	StCu	7	ACu	8	•
Renfrew	1020.9	-2	W	1	bc+	58	55	7	4000	Cu	3	-	3	0
Edinburgh (Inchkeith)	1020.7	-2	NNW	2	bcv	53	65	9	1500	Cu	6	ACu	7	•
Leuchars	1021.0	-1	W	3	c	52	65	8	2600	StCu	9	-	9	0
Eskdalemuir	1021.2	-1	SE	1	c	49	66	8	4000	StCu	10	-	10	1
Tynemouth	1020.7	+1	NNE	2	bc/r	52	85	8	1500	Cu	5	-	5	•
Blacksod Point	1019.8	-1	ENE	1	b	56	65	8	•	Cu	2	-	2	•
Donaghadee	1021.3	0	ESE	2	bc-	57	65	8	4000	CuNb	4	-	4	•
Birr Castle	1019.2	•	SW	1	c-	58	85	6	1500	Cu	8	-	8	•
Holyhead	1019.8	0	NE'E	3	bc-	58	65	7	5700	StCu	3	-	3	0
Liverpool (Bidston)	1020.6	-1	ESE	1	c-	54	55	6	7200	StCu	9	-	9	•
Chester (Sealand)	1020.6	0	SE'S	2	bc+	59	55	7	2600	Cu	6	-	6	1
Harrogate	1020.8	0	E	1	c	53	75	7	4000	Nb	9	-	9	•
Spurn Head	1020.6	0	N'E	3	bc	55	75	7	4000	Cu	5	ACu	7	•
Birmingham (Edgbaston)	1020.3	-1	E	2	bc	56	55	6	4000	Cu	6	-	6	0
Cranwell	1020.8	0	NE	2	c+	58	65	7	2500	Cu	8	-	8	1
Gorleston	1020.0	0	NNE	2	bc-	61	65	7	5700	Cu	3	[illegible]	3	•
Valentia (Cahirciveen)	1017.3	-1	ESE	4	bc	62	55	8	2500	Cu	3	-	3	0
Roches Point	1018.6	0	E	3	bc	59	75	8	1500	Cu	4	-	4	•
Pembroke (St. Ann's H.)	1018.4	0	E'S	3	bc	59	75	6	2500	Cu	4	-	4	•
Ross-on-Wye	1019.7	0	E'N	3	bc	54	65	7	4000	Cu	6	-	6	0
Leafield	1020.0	+1	NE	3	bc	53	75	8	2600	Cu	3	-	3	0
Winchester (Worthy Dn.)	1018.9	-1	NE	3	bc	58	65	6	1500	Cu	7	-	7	0
S. Farnborough	1018.7	-1	E	3	bc	60	65	7	2600	Cu	7	-	7	1
London (Kew Obsy.)	1018.9	-1	ENE	3	c	59	55	6	1500	StCu	8	-	8	0
Croydon	1018.7	-2	E'N	3	bc	60	65	7	4000	Cu	7	-	7	1
Shoeburyness	1019.8	+1	ESE	2	b-	61	65	8	5700	Cu	1	-	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1019.9	0	ENE	1	cr	56	75	7	2500	Cu	8	-	8	1
Lympne	1018.2	0	E'S	4	b-	61	55	8	2500	Cu	1	-	1	0
Scilly (St. Mary's)	1015.1	0	E'N	6	bc	63	65	7	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1015.5	-2	ESE	5	bc+	58	92	7	4000	StCu	7	-	7	•
Plymouth (Cattewater)	1016.5	-1	ENE	5	b	58	65	8	4000	Cu	1	-	1	0
Portland Bill	1016.9	+1	ENE	5	bc	60	65	8	1500	St	4	-	4	•
Southampton (Calshot)	1018.5	-1	ENE	4	bc+	59	65	7	4000	StCu	7	-	7	0
Dungeness	1019.0	0	SE	3	bc	62	55	8	2500	Cu	3	-	3	<
Guernsey (Fort George)	1015.6	-1	ENE	4	b-	61	65	8	-	-	0	ACu	2	•

Observations at 18h. 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 Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1015.6	-3	W'S	1	cjp	47	92	8	1500	CuNb	3	ASt	9	•
Stornoway	1019.1	-2	-	0	c/r	49	92	7	4000	CuNb	10	-	10	0
Wick	1018.2	-2	NW	1	c	49	97	8	1500	StCu	8	-	8	0
Tiree	1019.1	-1	SE	1	bcv	51	92	9	4000	Cu	3	-	3	0
Nairn	1018.1	•	-	0	c	49	75	8	2500	CuNb	8	-	8	•
Aberdeen	1019.4	-1	NW	1	c	49	76	6	4000	StCu	10	-	10	0
Malin Head	1018.6	-2	E	3	b	54	85	8	-	-	0	ACu	1	0
Renfrew	1019.2	-1	WSW	2	b	49	75	6	-	-	0	ACu	1	•
Edinburgh (Inchkeith)	1017.4	-3	ESE	1	bc-	51	75	7	800	St	5	-	5	0
Leuchars	1018.6	-3	SE	2	bc+	48	85	7	4000	StCu	6	ACu	7	•
Eskdalemuir	1019.9	-2	-	0	bc	43	85	8	4000	StCu	4	-	4	•
Tynemouth	1019.9	-1	NNE	1	c	50	75	8	1500	Nb	8	-	8	2
Blacksod Point	1017.4	-3	-	0	b	66	75	8	•	-	0	-	0	0
Donaghadee	1019.7	-3	ESE	2	b-	53	65	8	4000	StCu	1	-	1	1
Birr Castle	1017.6	•	NE	1	p+	53	92	5	450	St	10	-	10	•
Holyhead	1018.2	-2	NE	3	bc	54	75	6	5700	StCu	2	Ci	3	2
Liverpool (Bidston)	1018.7	-2	-	0	mmb	53	75	4	7200	StCu	1	-	1	•
Chester (Sealand)	1018.5	-2	ESE	1	b	51	85	6	5700	StCu	1	-	1	•
Harrogate	1019.7	-1	-	0	c	49	85	5	2500	Nb	9	-	9	•
Spurn Head	1019.6	-1	NNE	3	bc	51	85	7	5700	StCu	4	-	4	1
Birmingham (Edgbaston)	1018.7	-2	ENE	2	b	54	65	5	-	-	0	-	0	•
Cranwell	1019.8	-1	NE'E	2	bc	62	85	7	4000	Cu	6	-	6	•
Gorleston	1019.1	-1	NE	2	bc	64	75	7	5700	Cu	3	-	3	0
Valentia (Cahirciveen)	1015.7	-1	SE'E	4	b	57	65	8	2500	Cu	1	-	1	0
Roches Point	1016.9	-2	E	3	bc	64	92	8	1500	Cu	4	-	4	1
Pembroke (St. Ann's H.)	1016.5	-1	E'S	2	bc	56	85	6	2500	Cu	4	-	4	1
Ross-on-Wye	1017.8	-2	E'N	1	b	51	86	7	-	-	0	-	0	•
Leafield	1018.6	-3	NE'E	2	b	51	65	8	4000	StCu	2	-	2	•
Winchester (Worthy Dn.)	1017.4	-1	N	2	c	64	85	7	4000	StCu	8	-	8	•
S. Farnborough	1017.9	0	NE	2	b-	53	75	6	4000	StCu	2	-	2	•
London (Kew Obsy.)	1018.3	0	E'S	2	bc	55	65	5	-	-	0	ACu	4	•
Croydon	1017.9	0	E	2	b	53	75	6	5700	StCu	1	-	1	•
Shoeburyness	1018.5	-2	E	1	b	51	85	7	-	-	0	ACu	2	•
Clacton-on-Sea	1018.3	-2	E	4	bc	57	75	7	5700	Cu	4	-	4	2
Felixstowe	1018.4	-2	NE'E	2	b	55	75	7	2500	Cu	2	-	2	0
Lympne	1017.9	+1	E'N	3	b	51	75	8	-	-	0	-	0	•
Scilly (St. Mary's)	1013.7	-1	E'N	5	bc	58	75	7	4000	StCu	4	CiSt	7	2
Falmouth (Pendennis)	1014.3	-2	ESE	5	bc-	58	85	8	4000	Cu	4	CiCu	6	3
Plymouth (Cattewater)	1015.4	0	E	4	b	57	65	8	4000	Cu	<1	ACu	1	0
Portland Bill	1015.4	-3	E	5	b	59	65	8	4000	StCu	1	Ci	2	6
Southampton (Calshot)	1017.1	0	E	4	bc-	58	65	6	4000	Cu	3	-	3	0
Dungeness	1017.8	-1	E	3	bc-	57	65	8	2600	Cu	3	-	3	3
Guernsey (Fort George)	1014.9	-1	ENE	6	bc+	57	75	7	-	-	0	ACu	7	6

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 hours ended 9h)	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bmywcj	bcym₀	bcbwfx	60	35	31	-	Tr.	6.1	•	•	2
Croydon	244	0ffbc	bcbjey	bmwjf	61	36	29	-	Tr.	7.0	•	•	4
Greenwich (Royal Obsy.)	149	bbcy	bcyt	bmwjf	64	34	24	-	-	7.8	54	86	4
City (Bunhill Row)	50			•	•	•	•	•	•	6.3	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	62	45	37	-	-	6.7	61	80	•
Regent's Pk. (Botanic Gdns)	1??	•	•	•	•	•	•	•	•	5.1	•	•	•
Camden Square	110	bc	c	•	63	40	•	-	-	•	•	92	•
Kensington Palace	86	bc	bc	•	62	41	31	-	-	•	(At 18h) 62	79	-
Hampstead Observatory	450	•	•	•	59	42	31	-	Tr.	6.8	•	80	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 27th

South Kensington

Max.	Time.	Min.	Time.
0.8	19h 26th	<0.3	5h 27th

Kew Observatory

Max.	Time.	Min.	Time.
0.6	7h 27th	0.1/2	15h 26th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 18 45 m. to 27th 05 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	10.15	10.15	100
δ Ursae Minoris	10.15	10.15	100

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

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

27th & 28th September, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.48 5.50	11.44 11.44	17.39 17.36
Greenwich	5.56 5.57	11.51 11.51	17.46 17.44
Wick	6.09 6.11	12.3 12.3	17.57 17.54
Valentia	6.36 6.38	12.32 12.32	18.27 18.25

BEAUFORT NOTATION OF WEATHER.

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

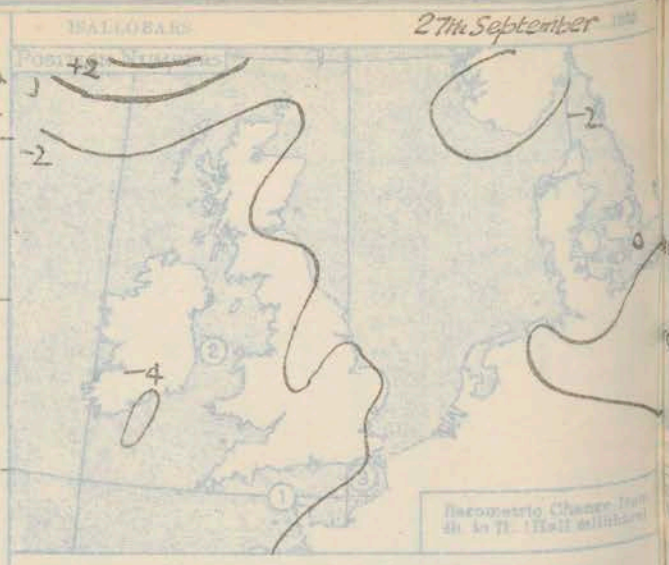
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2570.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-18h. 26th	Weather. 18h.-24h. 26th	Weather. 18h. 26th to 1h. 27th	Weather. 1h.-7h. 27th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min on Grass	Rainfall.† Day. 7h.-18h. mm	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 26th Hours.
Lerwick	c	cipr	cdodo	cdodoc	53	46	•	Tr.	15·30	1	<21·00	1·2
Stornoway	oprc	r-d	c	c	51	45	•	1	9.00	–	–	0·3
Wick	cprc	c	c	b-bc	51	42	•	0·1	<8.00	–	–	•
Tiree	bec	cbc	bc	bcmoc	57	40	30	–	–	–	–	6·5
Nairn	c	c	cw	cbc	52	45	•	–	–	–	–	0·0
Aberdeen	cbbcc	c3o	c	c	53	44	39	–	–	–	–	3·7
Malin Head	bbcc	cbcb	bbcr	bcc	55	45	•	–	–	–	–	6·3
Renfrew	bffcy	bcyb	bmow	bcwcm	58	33	27	–	–	–	–	8·8
Edinburgh (Inchkeith)	b-bc	bcbbc	bcc	cbcwbbc	55	44	40	–	–	Tr.	—	7·3
Leuchars	bwbbc	cbc	bcbcw	bbcmow	55	35	30	–	–	–	–	4·3
Eskdalemuir	c	cbc	bbc	cbcw	52	34	31	–	–	–	–	1·2
Tynemouth	oir.	bcc	co	off	53	48	46	0·3	9.00	–	–	•
Blacksod Point ...	b	b	b	c	58	48	•	–	•	Tr.	—	•
Donaghadee	bbc	bcb	bbc	bccz.	59	42	•	–	–	–	–	•
Birr Castle	offc	cm.	cbc	bxff	59	32	23	–	–	–	–	1·5
Holyhead	cmbbcy	bcz.	bcbzoym	bwmo	58	44	36	–	–	Tr.	–	5·3
Liverpool (Bidston) ...	bbccy	cbcbz	zbm.b	oFa	57	43	39	–	–	–	–	4·2
Chester (Sealand) ...	bbcfmzy	bcbyz.	bmf	bfoFFx	61	37	29	–	–	–	–	5·7
Harrogate	c	c	c	cff	53	45	42	–	–	–	–	0·1
Spurn Head	bc	bc	bcbw	bcw	59	48	•	–	–	Tr.	–	7·7
Birmingham (Edgbaston)	mbc	bcb	bm	bmFw	59	38	31	–	–	0·1	–	4·1
Cranwell	afmbc	cbc	bmbcf	bcfc	59	35	29	–	–	–	–	5·6
Gorleston	boz.	bc	bcbbc	bcw	61	44	39	–	–	Tr.	–	0·1
Valentia (Cahirciveen)	bcby	bcb	b	bbcw	62	49	44	–	–	–	–	10·4
Roches Point	bc	bc	bcbw	bbcw	59	49	•	–	–	Tr.	–	•
Pembroke (St. Ann's H.)	bbcm.	bqm.	bcbm.	bm.	60	47	•	–	–	–	–	10·4
Ross-on-Wye	omc	bcb	bwbcbmw	bfoFe	57	34	28	–	–	Tr.	–	5·4
Leafield	cbc	bcb	b	bbcfe	56	34	31	–	–	0·1	–	5·2
Winchester (Worthy Dn.)	offcmbcy	bcm.c	cbm	bff	60	35	28	–	–	Tr.	–	6·7
S. Farnborough ...	pFbcm.	ybc	bm.bm	bmoFe	62	31	23	–	–	Tr.	–	6·6
London (Kew Obsy.) ...	bmwcmy	bcym.	bcbwf	ofxw	60	35	31	–	–	Tr.	–	6·1
Croydon	oFFbcz.	bcbz.y	bmow	bwmfoF	61	36	29	–	–	Tr.	–	7·0
Shoeburyness	bcb	b	b	bm.	62	40	33	–	–	–	–	9·6
Clacton-on-Sea ...	bc	bc	bc	bcz	62	46	41	–	–	–	–	7·6
Felixstowe	bcc	cpr.bc	bw	bbcmo	61	42	32	0·3	12.30	Tr.	–	4·3
Lympne	bcby	by b	bbw	bbcwxm	62	41	29	–	–	–	–	10·4
Scilly (St. Mary's) ...	bc	bc	bc	crobcc	63	55	•	–	–	Tr.	2·30	8·7
Falmouth (Pendennis)	bcq	bcq	bccq	cq	59	57	•	–	–	–	–	9·0
Plymouth (Cattewater)	b	by	bbc	bcbwzo	61	50	45	–	–	–	–	10·4
Portland Bill	bc	bcb	bbcc	cbczo	60	53	•	–	–	–	–	
Southampton (Calshot)	bbc	bcm.	bcmob	bbcwcw	61	46	41	–	–	Tr.	–	9·7
Dungeness	bc	bc	bc	bc	62	54	•	–	–	–	–	
Guernsey	bcq.	bbcq.	bcc	bc	61	55	•	–	–	–	–	8·4

27th September



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	26th 10h	HIBERNIA	E	5	c	56	55	6
1	26th 12h	ST. JULIEN	E	6	c-	59	61	7
3	27th 1h	BRIGHTON	ENE	3	bc	56	61	8

General Inference.

A secondary depression centred near the Shetlands is moving down the North Sea, whilst another southwest of England is spreading northwestward. Rain or showers will occur in Scotland and the eastern coastal districts of England, but elsewhere weather should continue mainly fair. Temperature will continue rather low.

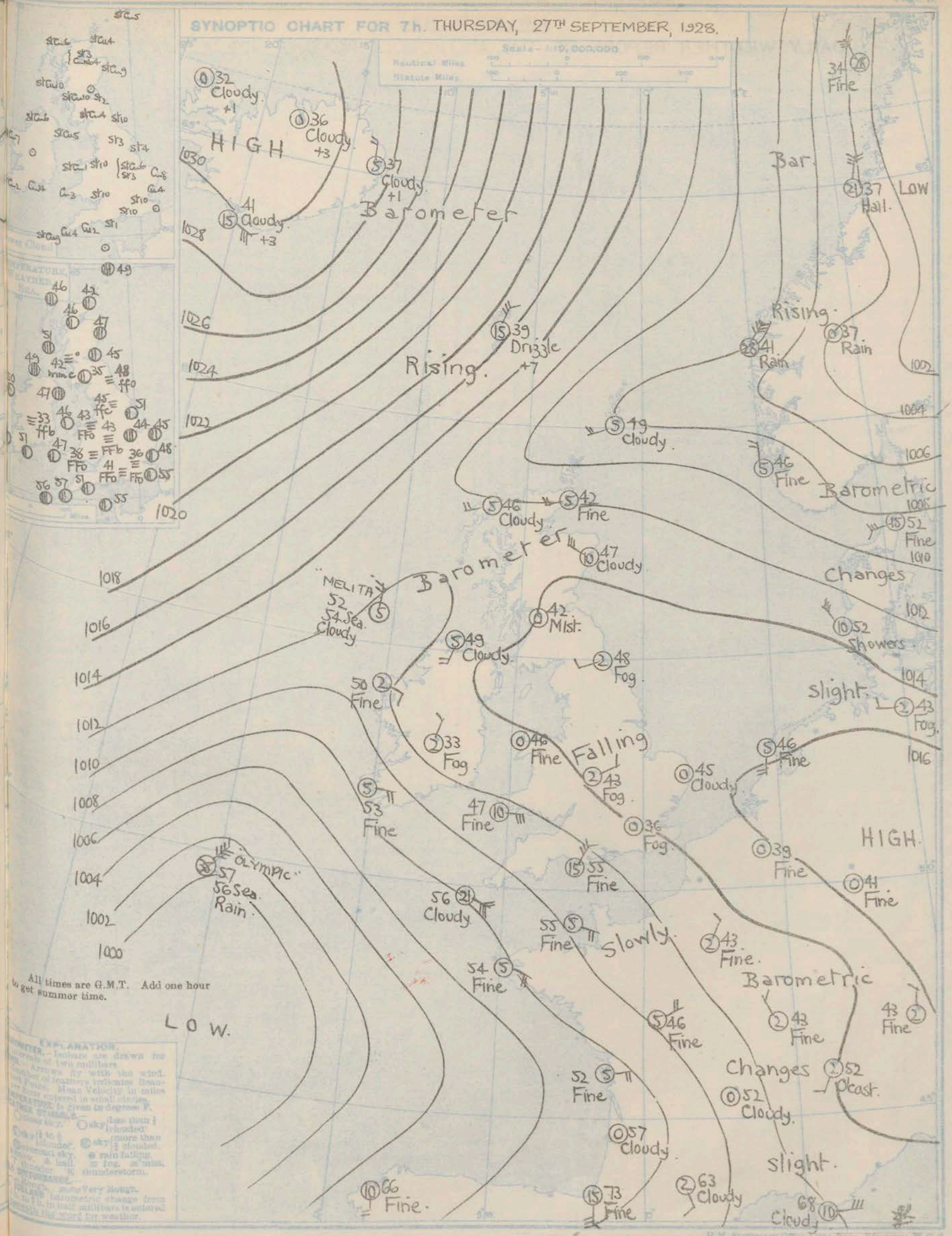
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Thursday, 27th September, 1928.	Further Outlook.
1. S.E. England	Moderate variable winds; fair; moderate temperature during day; cold at night with some ground frost.	Continuing fair in Southeastern and Southern England and Southern Ireland but showers elsewhere. Temperature continuing low.
2. E. England 3. E. Midlands	Light to moderate westerly winds, veering; considerable bright periods at first, perhaps showers later; temperature rather low; ground frost at night.	
4. W. Midlands	As 1.	
5. S.W. England 6. South Wales	Moderate easterly winds; fair; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	As 1.	
10. N.E. England 11. S.E. Scotland	As 2 - 3.	
12. S.W. Scotland & Isle of Man	Light to moderate variable winds becoming northerly; cloudy, some showers later; moderate temperature during day; rather cold at night.	
13. (A.W. Scotland, B.N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland	Moderate westerly winds, veering to northerly; cloudy some showers or rain; temperature rather low and ground frost at night.	
16. Orkney and Shetlands	Moderate to fresh northerly winds; cloudy; showers; temperature low.	
~~17. N.W. Ireland~~		
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate variable winds; fair; moderate temperature during day; cold at night with ground frost inland.	

WHP.

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

‡ For code see page 4.

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


SYNOPTIC CHART FOR 7h. THURSDAY, 27TH SEPTEMBER, 1928.
HIGH
Barometer
Rising.
Falling
Slowly
Bar. Low
Rising.
Barometric
Changes
Barometric
Changes
HIGH.
LOW.
slight.
slight.
"MELITA"
"OLYMPIC"
1030
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
All times are G.M.T. Add one hour to get summer time.
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION..... Thursday 27th September ... 1928. No 271.....

Stations	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	64	1010·1	-4	SW	2	cdd	48	92	7	1500	Nb	7	aSt	9	1008·1	-1	W'S	2	c	49	92	8	2500	StCu	5	aSt	9	*
Stornoway	30	1016·0	-3	NW	1	c	*	*	6	*	*	*	*	10	1012·1	-2	WSW	2	c	46	92	7	4000	StCu	6	aCu	8	1
Wick	81	1014·3	-2	SW	2	c	44	97	8	2500	StCu	6	CiSt	8	1011·9	-3	WSW	2	bc	42	97	8	2500	StCu	4	aCu	5	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·6	-3	ESE	1	c	51	92	7	1500	StCu	10	-	10	0
Nairn	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·7	*	-	0	bc	46	85	8	1500	CuNb	7	-	7	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·5	-1	WNW	3	c	47	85	8	2500	StCu	9	-	9	0
Malin Head	81	1016·2	-2	SSE	2	bc+	47	85	8	-	-	0	aCu	7	1012·9	-2	SW	2	c	49	85	8	5700	StCu	6	aCu	8	0
Renfrew	39	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·0	-2	-	0	mc	42	97	4	5700	StCu	10	-	10	*
Edinburgh (Inchkeith)	190	1015·8	-3	WSW	2	c	47	85	7	1500	St	5	aCu	10	1014·0	-2	WNW	2	bc+	45	92	6	1500	St	2	aCu	6	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·9	-1	WSW	2	b	39	97	8	-	-	0	-	0	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·1	-3	-	0	bc	35	92	7	4000	StCu	4	CiCu	5	*
Tynemouth	97	1016·9	-2	SW	2	o	49	85	6	1500	Nb	10	-	10	1014·7	-2	WSW	1	ffo	48	85	3	1500	St	10	-	10	0
Blacksod Point	18	1014·8	-1	-	0	b	51	92	7	-	-	0	-	0	1012·1	-3	ESE	1	bc	50	85	6	*	StCu	7	-	7	1
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·9	-3	WNW	1	c	47	92	6	4000	StCu	5	aSt	8	1
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·3	*	NNE	1	ffb	33	92	3	-	-	0	CiCu	2	*
Holyhead	28	1015·9	-2	-	0	b	46	85	6	-	-	0	-	0	1013·2	-3	-	0	b	46	92	6	4000	StCu	1	-	1	
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·1	-2	SE	2	FFo	43	97	0	<150	St	10	-	10	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·4	-2	SE'S	2	Fo-	38	97	1	<150	St	10	-	10	*
Harrogate	476	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·3	-1	-	0	ffe	45	97	3	<150	St	3	aSt	10	*
Spurn Head	29	1018·1	-1	E'N	1	b	50	85	7	5700	StCu	2	-	2	1015·1	-2	SE	1	bc	51	85	6	2500	St	4	CiCu	6	2
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·2	-1	ENE	1	FFb	43	97	1	-	-	0	-	0	*
Cranwell	238	1018·6	-1	-	0	fbc+	38	97	2	7200	StCu	3	-	3	1015·9	-2	-	0	c	44	97	6	5700	StCu	9	-	9	*
Gorleston	14	1017·5	-3	NNW	1	bc	48	92	7	1500	St	4	-	4	1014·9	-2	-	0	c+	45	92	6	4000	Cu	8	-	8	0
Valentia (Cahirciveen) P	30	1013·7	-2	E	2	b	50	92	9	-	-	0	-	0	1009·4	-2	E	2	bc+	53	75	8	4000	StCu	2	CiCu	5	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1011·1	-4	E	3	bc	51	92	8	1500	Cu	4	CiCu	6	1
Pembroke (St. Ann's H.)	160	1014·7	-2	E'S	3	b-	49	92	6	-	-	0	-	0	1011·1	-2	E	3	bc+	47	85	6	2500	Cu	3	CiSt	6	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·1	-2	W	1	FFo	38	97	1	<150	St	10	-	10	*
Leafield	618	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·0	-3	NNE	2	FFbc	38	97	1	4000	StCu	3	-	3	*
Winchester (Worthy Down)	273	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·3	-3	NNW	1	fb-	38	97	3	4000	StCu	1	-	1	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·8	-2	NE	2	FFo	41	97	1	<150	St	10	-	10	*
London (Kew Obsy.)	18	*	*	*	*	*	41	*	*	*	*	*	*	*	1014·1	-2	-	0	FFo	36	97	0	<150	St	10	-	10	*
Croydon	244	1017·0	-2	-	0	b	39	97	5	-	-	0	-	0	1014·2	-2	-	0	FFb	37	97	1	-	-	0	-	0	*
Shoeburyness	31	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·1	-1	NNE	1	b+	43	97	5	4000	Cu	2	-	2	*
Clacton-on-Sea	56	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·7	-2	NE	3	bc	45	92	6	4000	Cu	4	-	4	2
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·1	-2	NE	1	bc	46	97	6	4000	Cu	4	-	4	2
Lympne	350	1016·1	-1	ESE	3	b	48	85	7	-	-	0	-	0	1013·8	-1	E'S	3	b	49	92	5	-	-	0	aCu	2	*
Scilly (St. Mary's)	163	1011·6	-3	ESE	5	c+	57	85	7	4000	StCu	10	-	10	1009·2	-2	ESE	5	c	56	85	6	4000	StCu	9	-	9	4
Falmouth (Pendennis)	200	1012·3	-2	E	5	c+	57	97	7	4000	Cu	6	aCu	5	1008·8	-2	ESE	4	bc-	57	92	6	4000	Cu	4	aCu	6	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·2	-3	E	2	bc	51	85	6	4000	Cu	2	Ci	3	0
Portland Bill	83	1013·2	-4	E	5	c	55	85	8	2500	St	8	aCu	9	1010·2	-2	NE	4	bc-	55	85	6	1500	St	1	CiCu	5	4
Southampton (Calshot)	10	1015·5	-3	NE'E	4	b	49	85	7	-	-	0	aCu	1	1012·3	-3	N'E	2	bc+	47	92	6	-	-	0	aCu	3	0
Dungeness	20	1015·5	+2	E	3	bc	56	75	7	-	-	0	CiSt	3	1013·3	-3	SE	2	bc+	55	75	7	-	-	0	CiCu	6	2
Guernsey (Fort George) P	285	1013·0	-2	E	3	c	56	85	6	5700	StCu	8	-	8	1010·4	-3	E'S	2	bc	55	85	7	-	-	0	aCu	4	1

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h 25th to 9h 26th (4) °F	Temperature Max. 9h-17h 26th (5) °F	Rainfall‡ Night 17h-9h 25th-26th (6) mm.	Rainfall‡ Day 9h-17h 26th (7) mm.	Sunshine Sunrise to 17h 26th (8) hr.	Sunshine Sunrise to Sunset 25th (9) hr.
Berwick-on-Tweed	c	c	45	52	-	-	2·8	1·7
Douglas (I. o. M.)	bcc	bcc	45	56	-	-	5·0	0·7
Llandudno	bbc	cbc	45	58	-	-	6·2	5·2
Colwyn Bay	b	b	47	58	-	-	7·3	2·3
Rhyl	bc	bc	43	58	-	-	5·5	4·1
Wallasey	bcc	cbcf	46	57	-	-	3·6	5·2
Southport	bbcc	ccebcz	*44	56	-	-	3·8	6·2
Blackpool	bc	bcc	44	57	-	-	5·1	7·0
Ilkley	c	c	44	54	-	-	0·2	4·4
Cleethorpes	bc	bc	44	57	-	-	5·2	3·3
Skegness	bcw	bbcbo	41	58	trace	-	8·6	7·7
Aberystwyth	zbc	bbcz	45	58	-	-	10·3	8·5
Bath	mc	bcb	41	59	-	-	4·7	6·5
Cheltenham‡	c	cbcb	40	59	trace	-		4·5
Leamington Spa	ceb	cb	43	59	-	-	4·7	0·0
Lowestoft	b	b	43	58	0·5	-	9·2	9·1
Harwich & Dovercourt	bc	bc	43	61	-	trace	7·4	7·3
Maldon	bcb	bcb	41	61	-	-	8·5	5·5
Southend	bczc	cb	42	64	-	-	10·0	5·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	b	48	57	-	-	10·1	9·4
Bude	wbbc	bc	39	62	-	-	9·8	9·7
Penzance	b	b	48	61	-	-	7·3	9·2
Paignton	cbcg	bg	46	60	-	-	9·0	7·3
Torquay	b	b	49	61	-	-	9·6	7·3
Jersey	bc	c	50	62	-	-	6·3	8·0
Weymouth	b	b	44	61	-	-	10·4	8·6
Bournemouth	b	b	40	62	-	-	10·5	6·5
Ventnor	bz	b	48	61	-	-	10·3	6·1
Portsmouth (S'thsea)	b	b	45	62	-	-	9·8	5·3
Bognor	b	b	45	61	-	-	10·5	7·1
Littlehampton	bcb	b	44	61	-	-	10·2	6·7
Worthing	b	b	46	63	-	-	10·2	5·4
Brighton	b	b	45	64	-	-	10·2	3·8
Eastbourne	b	b	45	61	-	-	10·1	5·7
Hastings‡	bcb	b	45	61	-	-	9·8	5·0
Folkestone	b	b	48	63	trace	-	9·3	0·9
Dover	bcb	by	48	62	-	-	9·6	2·2
Tunbridge Wells	cbcb	b	40	62	-	-	9·6	3·8
Ramsgate	b	b	49	60	-	-	10·1	2·5
Margate	bc	bcb	50	61	-	-	10·3	2·2
Deal	b	b	50	62	0·5	-	10·5	2·5

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24417 Friday, 28th September 1928.

Observations at 13h. G.M.T. 27th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1010.5	+3	NE	4	orr	45	92	7	1500	Nb	10	-	10	•
Stornoway	1010.4	-3	WSW	2	o	54	75	7	2600	St	10	-	10	•
Wick	1010.4	-1	N	2	c/pr	50	97	8	1500	CuNb	8	ASt	10	•
Tiree	1011.1	-1	NE	2	bc+	56	85	8	1500	Cu	4	ACu	6	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1010.9	-3	WSW	2	c+	56	65	8	4000	StCu	7	ACu	8	1
Malin Head	1011.6	-2	N	1	c	54	85	8	5700	StCu	9	-	9	•
Renfrew	1011.7	-3	WSW	1	c+	56	65	7	7200	StCu	10	-	10	0
Edinburgh (Inchkeith)	1011.0	-3	W	2	bc	54	75	7	800	St	4	ACu	5	•
Leuchars	1010.9	-4	W	1	bc+	57	55	8	4000	Cu	3	ACu	6	0
Eskdalemuir	1012.1	-3	-	0	c	49	65	7	4000	StCu	9	-	9	1
Tynemouth	1012.7	-2	-	0	bc/f	53	75	6	1500	St	5	-	5	•
Blacksod Point	1010.9	-1	N	1	bc	56	65	8	•	Cu	3	•	3	•
Donaghadee	1013.3	-2	E	2	bc-	54	85	6	4000	Cu	4	-	4	•
Birr Castle	1009.8	3	NE	3	bc+	59	76	7	4000	Cu	4	Ci	6	•
Holyhead	1010.9	-5 (3)	NWN	1	c+	59	55	7	5700	StCu	6	Ci	8	0
Liverpool (Bidston)	1011.5	-3	SSE	1	b	57	65	6	2500	Cu	1	Ci	1+	•
Chester (Sealand)	1011.6	-4	SE'S	2	bc	60	65	6	4000	Cu	4	Ci	5	1
Harrogate	1012.7	-2	SE	2	c-	53	85	5	2500	StCu	8	-	8	•
Spurn Head	1012.9	-2	ESE	3	c	56	75	7	4000	CuNb	4	ASt	8	•
Birmingham (Edgbaston)	1011.1	-4	SE	2	bc	59	55	6	2500	Cu	2	Ci	5	0
Cranwell	1013.0	-3	S	1	bc-	61	55	8	4000	Cu	5	-	5	1
Gorleston	1013.0	-2	E	3	bc	59	75	7	4000	Cu	4	-	4	•
Valentia (Cahirciveen)	1006.0	-4	EN	4	bc	58	75	8	2500	Cu	3	ASt	7	
Roches Point	1008.1	-4	SE	4	c	57	85	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1008.6	-3	ESE	3	c	57	75	6	1500	StCu	9	-	9	•
Ross-on-Wye	1010.0	-4	E	3	b	60	65	6	-	-	0	Ci	1	0
Leafield	1010.4	-5	ENE	3	b	62	65	7	5700	Cu	1	Ci	1	0
Winchester (Worthy Dn.)	1009.4	-5	ESE	3	b	64	65	6	4000	Cu	1	Ci	1	0
S. Farnborough	1010.2	-4	ESE	3	b	65	55	6	2600	StCu	1	ACu	2	0
London (Kew Obsy.)	1010.6	-	E	3	bc	63	55	6	5700	Cu	4	ACu	5	0
Croydon	1010.6	-5	ESE	3	bc+	66	45	7	4000	Cu	3	CiCu	4	0
Shoeburyness	1012.2	-2	SE	3	b-	62	75	7	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1012.3	-4	ESE	2	b	63	56	8	4000	Cu	1	-	1	0
Lympne	1011.0	-3	SE'E	3	b-	63	55	7	-	-	0	-	0	0
Scilly (St. Mary's)	1007.7	-1	E'S	4	or	57	92	6	4000	Nb	10	-	10	•
Falmouth (Pendennis)	1005.6	-3	SSE	3	cr0	59	92	6	4000	StCu	5	ACu	9	•
Plymouth (Cattewater)	1007.1	-4	E	4	c	62	75	6	4000	Cu	6	ACu	8	0
Portland Bill	1007.9	-2	ENE	5	bc	61	75	6	1500	St	2	Ci	6	•
Southampton (Calshot)	1009.6	-4	ESE	5	bc+	61	75	6	2500	StCu	1	Ci	3	0
Dungeness	1011.1	-4	E	2	b	65	55	6	-	-	0	-	0	•
Guernsey (Fort George)	1007.9	-3	SE	2	bc	64	65	7	-	-	0	CiSt	3	•

Observations at 18h. G.M.T. 27th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1013.0	+4	NE	5	bc/ps	43	75	8	1500	Cu	5	-	5	•
Stornoway	1011.1	+3	NE	7	orr	47	92	6	1500	St	10	-	10	6
Wick	1010.3	+1	ENE	5	orr	47	97	7	1500	Nb	10	-	10	3
Tiree	1009.6	-1	N	3	c	51	85	8	1500	StCu	8	-	8	1
Nairn	1009.5	•	-	0	crr	49	92	8	1500	Nb	9	-	9	•
Aberdeen	1009.8	-1	-	0	c	51	85	6	2500	Cu	9	-	9	0
Malin Head	1009.4	-1	N	1	c	53	85	7	4000	StCu	9	-	9	0
Renfrew	1012.0	-1	WNW	1	c	51	85	6	4000	StCu	9	-	9	•
Edinburgh (Inchkeith)	1009.7	-2	SW	3	c	52	75	7	800	St	4	ACu	10	1
Leuchars	1009.1	-4	W	2	c+	51	85	7	4000	StCu	10	-	10	•
Eskdalemuir	1009.8	-2	N	1	c	48	85	6	4000	StCu	10	-	10	•
Tynemouth	1010.1	-2	SW	1	fc	53	85	3	1500	St	8	-	8	0
Blacksod Point	1008.1	-2	N	4	bc	56	65	8	•	StCu	7	-	7	4
Donaghadee	1010.5	-2	ESE	1	b	54	85	6	5700	StCu	2	-	2	1
Birr Castle	1007.1	•	E	1	c+	55	85	5	1500	Cu	2	ASt	10	•
Holyhead	1007.7	-3	NEE	3	c+	56	85	6	-	-	0	CiSt	9	1
Liverpool (Bidston)	1008.[illegible]	-2	E	1	mmbc	55	65	4	1500	StCu	3	Ci	5	•
Chester (Sealand)	1008.4	-2	E'S	2	bc	53	75	6	4000	StCu	1	Ci	4	•
Harrogate	1010.1	-3	SE	1	mc+	51	75	4	4160	St	4	CiSt	9	•
Spurn Head	1010.5	-1	E'S	4	bc-	55	75	7	-	-	0	ASt	4	1
Birmingham (Edgbaston)	1008.4	-2	ENE	2	bc+	57	65	5	-	-	0	Ci	7	•
Cranwell	1010.1	-2	E	3	bc+	53	85	8	2500	StCu	3	Ci	4	•
Gorleston	1010.1	-3	E'S	3	bc	58	75	6	-	-	0	ASt	4	0
Valentia (Cahirciveen)	1004.2	-3	EN	4	cr0r0	54	85	8	1500	St	8	ASt	10	1
Roches Point	1005.7	-3	SE	4	or	54	97	7	800	Nb	10	-	10	5
Pembroke (St. Ann's H.)	1005.8	-4	ENE	1	o	55	97	6	1500	St	10	-	10	1
Ross-on-Wye	1007.0	-2	E'S	1	c	57	75	5	2500	StCu	9	-	9	•
Leafield	1007.8	-2	E'S	2	bc+	54	75	7	5700	StCu	3	-	3	•
Winchester (Worthy Dn.)	1007.7	-3	E'S	1	c	56	65	7	5700	StCu	4	Ci	8	•
S. Farnborough	1007.9	-1	E'S	1	bc	56	65	6	-	-	0	Ci	4	•
London (Kew Obsy.)	1008.5	-1	E	3	b	57	65	5	-	-	0	Ci St	2	•
Croydon	1008.4	-1	E	3	bc-	55	75	5	-	-	0	Ci	4	•
Shoeburyness	1009.2	-3	ESE	1	b	54	85	7	-	-	0	Ci	2	•
Clacton-on-Sea	1008.7	-4	ESE	4	bc	58	65	7	-	-	0	CiSt	5	2
Felixstowe	1009.8	-2	E	3	bc+	57	65	7	-	-	0	Ci	6	1
Lympne	1008.6	-1	E	4	b-	55	75	7	-	-	0	Ci	2	•
Scilly (St. Mary's)	1004.6	-3	ESE	4	cr0r0	58	92	7	4000	Nb	10	-	10	5
Falmouth (Pendennis)	1003.1	-2	SSE	3	c+	59	97	7	4000	StCu	10	-	10	2
Plymouth (Cattewater)	1004.5	-3	SE	3	cr0	59	85	6	4000	Nb	8 (9)	-	8 (9)	0
Portland Bill	1004.9	-3	ENE	5	c	61	75	6	2500	St	6	Ci	9	6
Southampton (Calshot)	1007.3	-1	E'S	4	c+	60	75	6	-	-	0	Ci	8	0
Dungeness	1008.7	-4	E	3	bc+	60	65	6	800	St	6	-	6	3
Guernsey (Fort George)	1005.1	-3	NE	2	cr0r0	61	85	7	1500	Nb	9	-	9	1

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

Station	Height above M.S.L. in feet	Weather (24 hours ended 9h) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	cfw	bzy	czm0f0	64	52	45	-	0.1	7.3	•	•	5
Croydon	244	bfmz0	bcybc	bz0om	66	48	38	-	Tr.	8.0	•	•	5
Greenwich (Royal Obsy.)	149	bmz0	bzy	bccr0	65	49	39	-	Tr.	8.3	53	83	5
City (Bunhill Row)	60	•	•	•	•	•	•	•	•	7.6	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	66	53	47	Tr.		7.2	58	80	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	7.1	•	•	•
Camden Square	110	b	b	•	65	51	•	-	Tr.	•	•	86	•
Kensington Palace	80	bc	bc	•	60	51	44	-	0.4	•	(At 18h) 63	57	•
Hampstead Observatory	450	•	•	•	61	49	41	-	1	9.3	•	90	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 28th

	Max.	Time.	Min.	Time.
South Kensington	1.3	9h 27th	<0.3	4h 28th
Kew Observatory	1.1	9h 27th	0.1	13h 27th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 18 h 45 m. to 28th 05 h 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.15	3.30	34
δ Ursae Minoris	10.15	3.27	34

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

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

28th & 29th Sept, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.50	11.44	17.36
	5.52	11.43	17.34
Greenwich	5.57	11.51	17.44
	5.58	11.50	17.41
Wick	6.11	12.3	17.54
	6.13	12.3	17.51
Valentia	6.38	12.32	18.25
	6.40	12.31	18.22

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

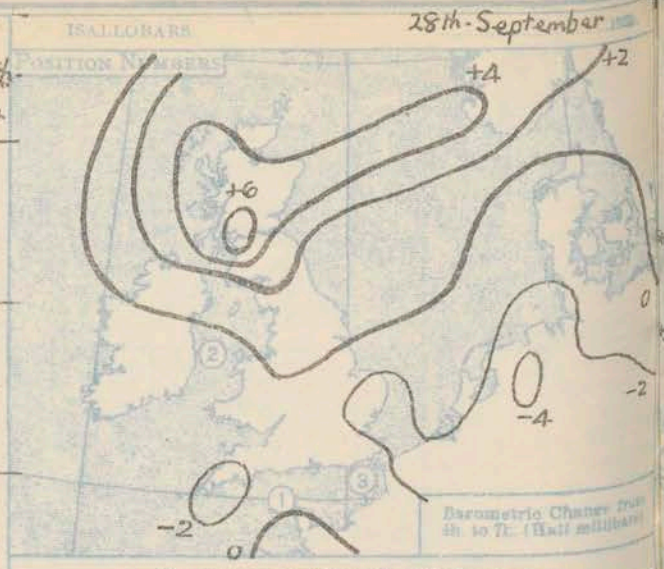
Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 27th.	13h.-18h. 27th.	18h. 27th to 1h. 28th.	1h.-7h. 28th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN on Grass	RAINFALL.† Day 7h.-18h. mm	began.	Night, 18h.-7h. mm.	began.	SUN 27th. Hours.
Lerwick	corr	ornbcpq	bccq	cbc	49	41	•	5	18.00	Tr.	21.00	0.0
Stornoway	p	r	p	r	54	41	•	5	-	6	21.00	0.0
Wick	prpr	oprr	rriro	ciro	63	44	•	6	9.00	1	21.00	•
Tiree	cbc	bcc	bcc	cbcq	57	45	35	-	-	-	-	4.3
Nairn	bc	bcrrc	rcq	prcbcq	56	43	•	2	14.30	8	21.00	5.6
Aberdeen	cb bcc	cpro c	ccrorr	rrciro	57	43	41	Tr.	16.30	6	21.00	2.9
Malin Head	c	c	cro	cro	54	49	•	-	-	1	21.00	0.4
Renfrew	cmbfc	czo	comow	ocpoc	56	45	43	-	-	Tr.	4.30	3.7
Edinburgh (Inchkeith)	bcmm	bcc	c	corr	56	46	44	-	-	4	3.30	6.0
Leuchars	bwbcy	bcyc	c	roRro	60	44	42	-	-	5	1.30	7.5
Eskdalemuir	bcwc	czo	czomo	omoro	52	43	42	-	-	0.1	6.30	1.2
Tynemouth	cffbc	bc	off	c	56	49	39	-	-	-	-	•
Blackscod Point ...	b	bc	c	c	59	53	•	-	•	-	-	•
Donaghadee	cbcmo	bcbmo	bccmo	cmo	56	50	•	-	-	-	-	•
Birr Castle	bbc	bccmo	cmo	ciro	60	48	44	-	-	0.1	3.30	7.3
Holyhead	bmbzy	cybczo	cmmc	iromo	63	53	51	-	-	0.3	22.00	8.2
Liverpool (Bidston) ...	ofcb	bzbcz	bcoro	room	58	50	46	-	-	3	22.00	6.9
Chester (Seaiand) ...	fgbmbczo	bczo	crrmo	foocm	61	47	41	-	-	4	22.00	6.1
Harrogate	cfc	cbccm	cbcmm	cmmiro	54	45	41	-	-	Tr.	2.30	1.5
Spurn Head	bccpmo	cbc	cbcc	oroc	58	54	•	-	-	Tr.	4.30	4.5
Birmingham (Edgbaston)	fbc	bc	bcc	ouromm	61	49	46	-	-	1	1.30	6.8
Cranwell	cbcy	cybc	c	ciro	64	47	41	-	-	1	3.30	7.1
Gorleston	cbc	bc	bc	bccq	59	54	54	-	-	-	-	6.7
Valentia (Cahirciveen)	bc	cir	ir	crr	59	49	48	05	15.30	7	21.00	2.8
Roches Point	bcc	crrour	oircid	oidorr	58	52	•	5	13.30	3	21.00	•
Pembroke (St. Ann's H.)	bccmo	crorm	cmo	cirm	59	52	•	3	14.30	3	21.00	3.6
Ross-on-Wye	fecmb	bzocz	cmb	oroc	63	49	46	01	-	1	22.00	6.2
Leafield	fb	bbc	bcc	c	62	49	48	Tr.	-	-	-	8.3
Winchester (Worthy Dn.)	bfbmzo	bzoic	cbcb	bbccr	66	49	41	-	-	Tr.	6.30	8.9
S. Farnborough ...	ofebzoy	bybc	bccmo	eccrm	66	49	41	-	-	1	4.30	7.5
London (Kew Obsy.) ...	cfw	bzy	cz	emoccmo	64	52	45	-	-	0.1	6.30	7.3
Croydon	bfmzo	bcybczo	bczomo	bcoemcm	66	48	38	-	-	Tr.	—	8.0
Shoeburyness	bmto	b	bbc	cmo	63	51	44	-	-	-	-	9.35
Clacton-on-Sea ...	bc	bc	bc	bcc	62	58	52	-	-	-	-	10.1
Felixstowe	bcmoby	bybc	bc	bccmo	64	57	51	-	-	-	-	9.8
Lympne	bbcmbzo	bybcb	bbc	bccmo	63	49	45	-	-	-	-	9.2
Scilly (St. Mary's) ...	Coir	oir	coirf	ofrr	59	55	•	5	13.30	10	21.00	0.1
Falmouth (Pendennis)	bcmcro	cro m	cr	crmo	60	57	•	Tr.	18.00	14	21.00	1.2
Plymouth (Cattewater)	bczo	czopcbcr	cr	corRmo	63	56	54	0.1	13.30	23	21.00	3.6
Portland Bill	bczo	bczo	czo	ouroorno	62	54	•	-	-	7	1.30	•
Southampton (Calshot)	bbcmo	bccmo	c	cpromo	62	54	52	-	-	0.3	5.30	9.0
Dungeness	bcbzo	bzbcz	bczbc	bcbcc	65	56	•	-	-	-	-	•
Guernsey	bcbzo	bccrro	cccl	corRfq	64	58	•	Tr.	17.30	12	2.30	7.7



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	27th 10h	Hibernia	E	2	c	55	56
1	27th 12h	St. Helier	E	5	bc+	62	61
3	28th 1h	Dieppe	E	4	c+	60	61

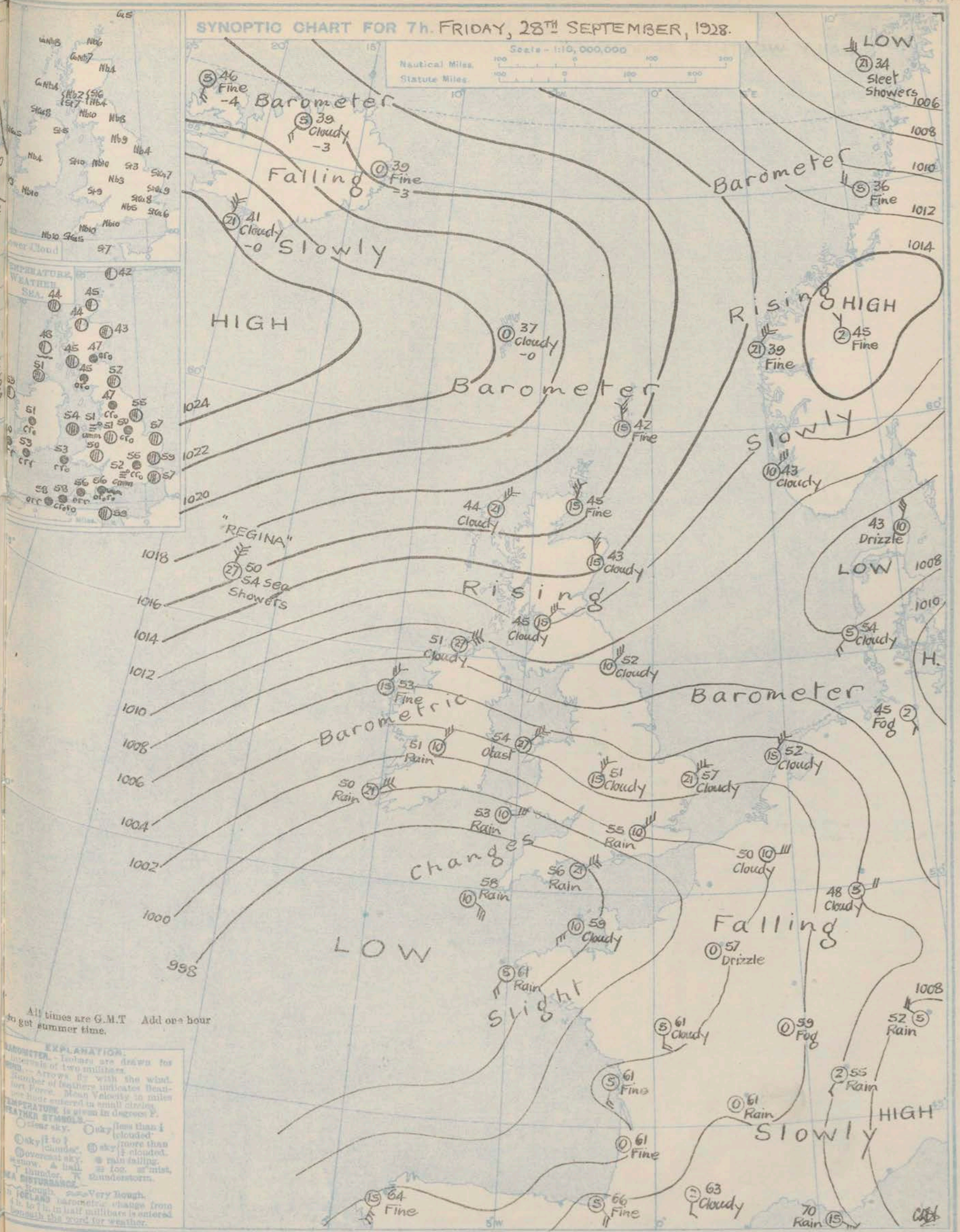
GENERAL INFERENCE.

A depression centred off Southwest England is spreading northeastwards. Rain is likely in England, Wales and Ireland but in Scotland apart from occasional rain in eastern coastal districts weather should be mainly fair. Winds will be mainly from an easterly or northeasterly point.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Friday, 28th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate to fresh easterly winds: dull, some rain; moderate temperature.	Unsettled.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Moderate to fresh easterly to northeasterly winds; cloudy, some rain; moderate temperature.	
13. (A) W. Scotland (B) N.W. Scotland 14. Mid-Scotland	Moderate to fresh northeasterly winds; cloudy, some brighter intervals; moderate temperature.	
15. N.E. Scotland 16. Orkneys and Shetlands	Moderate to fresh northeasterly winds; cloudy, some bright intervals, occasional rain; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Moderate to fresh northeasterly winds: cloudy, with some rain but brighter intervals; moderate temperature.	WHP.

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

§ For code see page 1. † Trace = rain fell, but amount less than 0·1 mm.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Friday, 28th September 1928. No. 272

Stations.	Height above M.S.L. in feet	Observations at 1h. G.M.T. 28th. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 28th. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	1014.8	+2	NE	5	c	43	78	8	1500	Cu	4	aCu	8	1016.9	+3	N	4	bc	42	75	8	1500	Cu	5	aCu	7	•
Stornoway	30	1014.9	+3	ENE	5	c/PR	•	•	7	•	•	•	•	8	1017.0	+4	NE	5	c/r	44	75	7	4000	CuNb	8	–	8	5
Wick	81	1014.4	+3	NNE	5	c/o	47	85	8	1500	Nb	6	CiSt	8	1016.9	+2	NNE	4	bc	45	75	8	1500	Nb	6	–	6	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.4	+4	E'S	6	bc	48	75	9	2500	CuNb	4	aCu	7	6
Nairn	52	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.9	•	NNE	3	bc/r	44	75	8	2500	CuNb	7	–	7	•
Aberdeen	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.8	+4	N	4	c/r	43	75	8	2500	Nb	4	aCu	8	1
Malin Head	31	1008.3	–1	E'N	2	c/o	51	85	7	4000	StCu	10	–	10	1009.3	+2	ENE	6	c/r	51	92	7	5700	StCu	8	aSt	10	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.6	+6	NE	4	c	45	85	6	4000	St	9	–	9	•
Edinburgh (Inchkeith)	190	1008.9	0	N	3	c	48	97	8	1500	St	7	aSt	10	1010.8	+3	NE	6	o/o	47	75	8	800	St	10	–	10	4
Leuchars	30	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	+5	NNE	4	c/r	44	85	8	1500	StCu	5	aCu	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.4	+3	NE	5	o/o	45	92	6	800	Nb	10	–	10	•
Tynemouth	87	1008.8	–1	–	0	c–	51	86	6	1500	St	9	–	9	1008.9	0	NE	3	c	52	85	8	1500	Nb	8	–	8	2
Blackrod Point ...	16	1006.5	–2	N	4	bc	54	85	7	•	CuNb	7	–	7	1008.9	0	NE	4	bc	53	86	8	•	StCu	5	aCu	7	2
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.2	+1	ENE	5	c	53	75	6	2500	St	5	aCu	8	4
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.3	•	NE	3	c/o	51	92	5	1500	Nb	4	aSt	10	•
Holyhead ...	26	1008.8	–2	ENE	3	c/o	53	88	6	2500	St	5	aSt	10	1008.5	0	ENE	6	o/r	54	85	5	4000	St	10	–	10	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.5	0	E	3	mmo	51	75	4	2500	Nb	10	–	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.4	0	E'N	3	c/m	50	85	5	4000	St	5	aSt	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.0	0	ESE	1	c/o	47	92	4	2500	Nb	9	aSt	10	•
Spurn Head	29	1007.5	–3	ESE	3	c	55	85	7	4000	Nb	4	aSt	9	1007.0	0	ENE	3	c–	55	86	7	4000	Nb	4	aSt	9	2
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.9	0	NE	4	c/r	51	75	5	2500	Nb	3	aSt	9	•
Cranwell	238	1007.9	–3	E'S	1	c	48	92	6	4000	St	5	aSt	10	1006.6	0	NE'E	2	c/o	50	85	7	4000	St	3	aSt	10	•
Gorleston	14	1007.7	–3	ESE	4	bc+	57	85	7	–	–	0	CiSt	6	1005.2	–2	NE'E	5	c	57	86	6	4000	StCu	7	aSt	10	1
Valentia (Cahirciveen)P	30	1003.7	–5	E	4	bc/o	51	92	6	•	CuNb	7	–	7	1000.3	0	ENE	5	c/r	50	92	6	2500	St	3	aSt	10	1
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	998.8	–2	NE	4	o/r	53	97	7	800	Nb	10	–	10	1
Pembroke (St. Ann's H.)	166	1001.8	–3	E	3	c/r	53	92	6	800	StCu	10	–	10	998.6	–1	E	3	c/o	53	92	6	800	StCu	10	–	10	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.8	–1	ENE	4	c	50	85	6	2500	St	9	aSt	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.6	–2	NE	3	c	50	85	6	–	–	0	aSt	10	•
Winchester (Worthy Dn.)	372	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.0	–1	NNE	4	c/o	53	85	6	4000	StCu	7	aSt	10	•
S. Farnborough ...	237	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.4	–2	NE'E	3	mmc	52	92	4	4000	Nb	5	aSt	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	54	•	•	•	•	•	•	•	1002.3	–2	NE'E	3	c/o	55	85	5	2500	StCu	8	aSt	10	•
Croydon	246	1005.2	–4	NE	2	bc–	48	92	5	7200	StCu	3	ci	6	1002.6	–1	ENE	3	mmc	53	92	4	4000	StCu	3	aSt	10	•
Shoeburyness	21	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.7	–1	E	3	c+	58	85	6	7200	StCu	10	–	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.2	–4	ENE	4	c	59	76	7	5700	StCu	9	–	9	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.7	–2	NE	5	c	59	75	7	4000	StCu	8	aSt	10	4
Lympne	350	1004.5	–4	E	3	bc	52	78	6	–	–	0	aCu	4	1001.7	–1	E'N	4	c	54	85	5	5700	StCu	9	aSt	10	•
Scilly (St. Mary's) ...	163	1000.2	–4	ESE	3	o/RR	58	97	3	450	Nb	10	–	10	997.8	–1	SE'E	3	o/r	58	97	6	2500	Nb	10	–	10	3
Falmouth (Pendennis)	200	999.1	–4	ESE	3+	c	59	92	7	4000	StCu	10	–	10	996.3	–3	SSE	3	c/o/o	58	97	7	4000	StCu	5	aSt	10	1
Plymouth (Cattewater)	33	•	•	•	•	•	•	•	•	•	•	•	•	•	997.9	–2	E	2	o/r	56	97	6	800	Nb	10	–	10	0
Portland Bill	32	1000.4	–4	ENE	5	c+	61	85	6	2500	StCu	3	aCu	9	997.5	–1	ENE	5	o/o/o	56	85	6	1500	Nb	10	–	10	6
Southampton (Calshot)	16	1002.6	–5	E'N	5	c	57	75	7	–	–	0	aCu	8	1000.3	–1	ENE	4	c/r	55	75	6	2500	Nb	6	aSt	10	3
Dungeness	20	1004.1	–4	E	2	bc	57	75	7	–	–	0	aCu	5	1000.9	–2	E	4	c+	57	85	6	4000	StCu	6	CiSt	10	4
Guernsey (Fort George) P	206	1000.4	–6	–	0	c/L	60	85	6	2500	StCu	8	–	8	997.7	0	WSW	3	c/tlr	59	97	7	800	St	7	aCu	9	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th September 1928

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 26th to 9h. 27th. °F.	Temperature. Max. 9h.–17h. 27th. °F.	Rainfall.† Night 17h.–9h. 26th–27th. mm.	Rainfall.† Day 9h.–17h. 27th. mm.	Sunshine. Sunrise to 17h. 27th. hr.	Sunshine. Sunrise to Sunset. 27th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	c	c	45	56	–	–	4.8	2.9
Douglas (I. o. M.) ...	cbc	bcb	45	59	–	–	8.1	6.1
Llandudno ...	bc	bc	41	61	–	–	7.6	6.2
Colwyn Bay ...	b	b	42	61	–	–	7.0	7.3
Rhyl	bcb	bcb	38	61	–	–	7.8	5.5
Wallasey	fbc3	bc3	44	61	–	–	6.0	3.6
Southport	c3b3	cbcb3	40	61	–	–	5.0	3.8
Blackpool	cbc	bcc	43	60	–	–	6.1	5.1
Ilkley	c	c	44	56	–	–	0.0	0.2
Cleethorpes	fcb	bc	39	58	–	–	4.7	5.3
Skegness	bcbcb	bbc	41	62	–	–	8.2	9.0
Aberystwyth ...	3bc	bco	45	61	–	–	8.4	10.4
Bath	b	bbec	38	65	–	–	7.1	6.0
Cheltenham ...	bmw	bmo	36	64	–	–	8.0	10.2
Leamington Spa ...	b	bco	35	63	–	–	6.6	5.4
Lowestoft	b	b	48	60	–	–	7.2	9.2
Harwich & Dovercourt	bc	bc	44	65	–	–	10.0	7.4
Maldon	3b	b	36	62	–	–	8.5	8.5
Southend	b	b	44	64	–	–	9.7	10.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	bcb	bccob	49	60	–	–	3.3	10.2
Bude	cbcc	cpow	46	62	–	trace	2.0	10.1
Penzance	c/o	c/o	54	62	–	0.2	0.3	7.3
Paignton	c3	cbco	53	63	–	–	3.2	9.4
Torquay	bm	bcc	53	64	–	–	5.9	10.1
Jersey	bc	bc	51	70	–	–	8.5	6.3
Weymouth	b	bbc	47	63	–	–	8.6	11.0
Bournemouth ...	b	bbc	42	64	–	–	9.2	10.8
Ventnor	bc3	bc3	53	63	–	–	8.4	10.6
Portsmouth (S'thsea)	b	b	47	65	–	–	9.4	9.9
Bognor	b	bc	46	62	–	–	9.4	10.5
Littlehampton ...	b	b	44	62	–	–	9.5	10.6
Worthing	bcb	b	47	64	–	–	9.1	10.3
Brighton	b	b	46	66	–	–	9.2	10.7
Eastbourne	b	bbcb	45	64	–	–	9.3	10.5
Hastings‖	b	bbc	48	64	–	–	9.4	10.2
Folkestone	bcw3	bbcw	50	66	–	–	8.6	9.6
Dover	b	bg	52	65	–	–	9.2	10.0
Tunbridge Wells ...	b	b	41	65	–	–	9.2	10.1
Ramsgate	b	b	55	62	–	–	9.9	10.5
Margate	bc	bc	53	62	–	–	10.0	10.9
Deal	b	b	52	64	–	–	8.8	10.5

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24418 Saturday 29th September 1928.

Observations at 13h. G.M.T. 28th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	1017.8	0	N	3	bc	46	55	8	1500	Cu	6	-	6	*
Stornoway	1019.0	+1	ENE	4	c/pR	47	85	7	4000	CuNb	8	-	8	*
Wick	1018.0	+1	NE	3	bc	48	92	8	2500	Cu	4	-	4	*
Tiree	1015.4	+2	NEE	6	b	51	[61]	9	4000	Cu	1	Ci	2	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1016.9	+1	NEN	4	bc	49	92	8	2500	Cu	6	-	6	1
Malin Head	1013.1	+3	ENE	6	c	60	75	7	5700	StCu	10	-	10	*
Renfrew	1014.8	+1	ENE	5	c	50	65	8	4000	Cu	5	ASt	9	0
Edinburgh (Inchkeith)	1013.6	+2	ENE	5	bc-	48	65	9	4000	Cu	5	Ci	7	*
Leuchars	1015.5	0	NE	3	bc	50	55	8	4000	StCu	6	Ci	7	1
Eskdalemuir	1012.6	+1	NE	6	bc	47	65	8	[7]500	Cu	6	ACu	7	1
Tynemouth	1012.7	+4	NE	5	o/r	50	75	8	1600	Nb	10	-	10	*
Blacksod Point	1007.6	+2	NE'E	6	c	54	75	7	*	-	0	ASt	10	*
Donaghadee	1011.4	+2	E	8	c	58	75	8	2500	StCu	6	ASt	8	*
Birr Castle	1005.0	*	NNE	3	or₀+	53	92	6	1500	Nb	10	-	10	*
Holyhead	1006.2	+1	NE'E	6	c	55	85	6	4000	St	5	ASt	10	0
Liverpool (Bidston)	1006.8	0	ENE	4	c-	56	65	6	-	-	0	ACu	3	*
Chester (Sealand)	1006.6	+1	E'N	5	c	56	65	6	5700	StCu	5	ASt	10	1
Harrogate	1009.2	0	E	5	cr₀	52	75	7	2600	Nb	9	ASt	10	*
Spurn Head	1007.5	0	ENE	6	c	56	75	7	4000	Cu	4	CiCu	8	*
Birmingham (Edgbaston)	1006.2	+1	NE	5	or₀	55	65	6	2500	Nb	10	-	10	0
Cranwell	1007.2	+1	NE	5	c	56	85	7	2500	StCu	10	-	10	1
Gorleston	1005.4	0	NE'E	6	c	58	75	6	4000	StCu	10	-	10	*
Valentia (Cahirciveen)	1000.2	0	NE'E	5	cr₀	54	85	7	1500	Nb	8	ASt	10	1
Roches Point	1000.3	+1	E	3	orr	53	97	7	1500	Nb	10	-	10	*
Pembroke (St. Ann's H.)	1001.2	+2	NE	4	cr₀+	54	92	6	800	StCu	10	-	10	*
Ross-on-Wye	1003.8	0	E'N	3	cr₀r₀	52	85	6	2500	Nb	7	ASt	10	1
Leafield	1003.6	0	NE	4	or₀r₀	51	86	6	1500	St	10	-	10	1
Winchester (Worthy Dn.)	1001.9	+1	NE	4	orr	54	97	5	800	Nb	10	-	10	2
S. Farnborough	1002.4	+1	NE	3	orr	54	97	5	1600	Nb	10	-	10	2
London (Kew Obsy.)	1002.8	+1	NEE	4	crr	56	85	5	2500	Nb	9	ASt	10	1
Croydon	1002.6	+1	ENE	4	crr	56	92	5	800	Nb	7	ASt	10	1
Shoeburyness	1003.2	+1	ENE	4	or₀r₀	57	97	7	300	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1004.2	+1	NE	5	c	59	75	7	4000	StCu	8	ASt	10	0
Lympne	1002.0	+1	ENE	3	crr	54	92	5	1500	Nb	7	ASt	10	1
Scilly (St. Mary's)	997.5	0	E'S	4	orr	59	97	6	2500	Nb	10	-	10	*
Falmouth (Pendennis)	998.2	+1	E'N	5	cr₀+	56	97	6	2500	Nb	7	ASt	10	*
Plymouth (Cattewater)	999.2	+1	ESE	4	cr₀r₀	56	85	7	2600	Nb	7	ASt	10	2
Portland Bill	998.6	+1	NE	3	c-	62	92	6	1500	St	3	ASt	8	*
Southampton (Calshot)	1001.8	+3	ENE	5	c/r	56	92	6	1500	Nb	6	ASt	10	1
Dungeness	1001.5	-2	ENE	4	or	57	85	7	2600	Nb	10	-	10	*
Guernsey (Fort George)	1000.0	+2	S'W	3	c/p	62	92	6	800	St	8	-	8	*

Observations at 18h. G.M.T. 28th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	1016.9	-1	N	1	bc	42	75	8	1500	Cu	2	ACu	4	*
Stornoway	1019.1	0	NE	3	bc-	43	85	8	4000	CuNb	6	-	6	2
Wick	1018.4	+1	N	2	bc	44	85	8	1500	CuNb	3	CiSt	5	1
Tiree	1016.8	+3	E'S	5	b	48	65	9	4000	Cu	1	-	1	6
Nairn	1018.2	*	NE	1	bc	44	65	8	2500	Cu	6	-	6	*
Aberdeen	1017.9	+2	N	2	b	43	75	8	2500	Cu	2	-	2	4
Malin Head	1015.2	+3	NE'E	5	bc-	51	75	8	5700	StCu	5	CiCu	7	4
Renfrew	1016.5	+3	ENE	2	bc-	45	75	7	2600	StCu	4	Ci	7	*
Edinburgh (Inchkeith)	1015.8	+4	ENE	5	cr₀	46	75	8	4000	Nb	6	ACu	8	3
Leuchars	1017.1	+3	NE	3	c/pr₀	46	75	8	4000	Nb	8	-	8	*
Eskdalemuir	1015.2	+3	NEN	4	bc	40	75	8	2500	Cu	1	CiSt	4	*
Tynemouth	1014.0	+2	NE	5	c/p	48	75	8	1500	Nb	8	-	8	6
Blacksod Point	1010.9	+2	NE'E	6	c	54	75	7	*	-	0	ASt	10	7
Donaghadee	1014.2	+4	E	7	bc+	51	75 [5]	8	2500	Cu	2	Ci	4	5
Birr Castle	1007.7	*	E	4	c-	53	85	5	1500	Nb	6	ASt	10	*
Holyhead	1009.4	+5	NEE	7	c/p	53	75	7	2500	St	9	ASt	10	5
Liverpool (Bidston)	1010.5	+3	ENE	4	c	50	75	6	2500	St	10	-	10	*
Chester (Sealand)	1009.7	+4	E'N	5	c [r₀r₀]	50	85	6	1500	StCu	10	-	10	*
Harrogate	1012.3	+4	NE'E	4	c	47	75	8	2500	Nb	9	ASt	10	*
Spurn Head	1009.6	+2	NNE	6	c	52	75	7	4000	Nb	4	ASt	10	5
Birmingham (Edgbaston)	1008.9	+4	NNE	4	or₀r₀	51	75	5	7200	Nb	10	-	10	*
Cranwell	1010.5	+5	NE	4	cr₀r₀	51	92	6	1500	StCu	10	-	10	*
Gorleston	1007.0	[+1]	NE	6	or₀r₀	57	75	6	1500	Nb	10	-	10	4
Valentia (Cahirciveen)	1002.2	+3	ENE	6	c	54	75	6	1500	Nb	8	ASt	10	3 [Hum 54 85 Temp]
Roches Point	1003.0	+4	E	4	c/r	[illegible]	[99]	7	1500	CuNb	9	-	9	6
Pembroke (St. Ann's H.)	1003.5	+3	NE	5	cr₀r₀	[illegible]	[97]	6	800	StCu	7	ASt	9	3
Ross-on-Wye	1007.1	+4	ENE	4	or₀r₀	51	85	6	1500	Nb	10	-	10	*
Leafield	1006.9	+4	NE	4	crr	49	92	6	2500	St	7	ASt	10	*
Winchester (Worthy Dn.)	1004.7	+3	NNE	4	od₀d₀	52	97	5	450	Nb	10	-	10	*
S. Farnborough	1006.2	+4	NE	4	or₀r₀	53	92	4	800	Nb	10	-	10	*
London (Kew Obsy.)	1006.3	+4	NE	3	cr₀	54	92	4	1500	Nb	8	ASt	10	*
Croydon	1005.8	+5	ENE	4	OO₀	53	92	5	800	Nb	10	-	10	*
Shoeburyness	1006.2	+5	NE	4	cr₀	55	92	6	1500	Nb	10	-	10	*
Clacton-on-Sea	1006.3	+3	NE	5	o	57	85	7	4000	St	10	-	10	4
Felixstowe	1006.5	+3	NE	5	or₀	57	85	6	2500	Nb	10	-	10	6
Lympne	1004.9	+3	E	4	mmo	54	92	4	800	Nb	10	-	10	*
Scilly (St. Mary's)	1000.2	+2	SSE	3	c/r	60	97	6	4000	StCu	8	-	8	4
Falmouth (Pendennis)	1000.4	+3	ENE	4	c/r	57	97	6	2500	Nb	7	ASt	10	4
Plymouth (Cattewater)	1001.6	+4	NE	3	c-	56	85	6	1500	Nb	9	-	9	1
Portland Bill	1001.7	+5	NE	5	or₀r₀	57	92	6	800	Nb	10	-	10	5
Southampton (Calshot)	1004.0	+3	ENE	5	or₀	56	85	6	1600	Nb	10	-	10	0
Dungeness	1004.2	+4	E	4	o/f	57	92	6	800	St	10	-	10	4 [5]
Guernsey (Fort George)	1002.0	+4	WSW	2	bc/pc	61	97	7	1500	CuNb	7	-	7	3

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

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night (24 hours ended 9h.)	Max. Day °F.	Min. Night °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	cumo	cmor	cmr₀c	58	51	50	5	0.2	0.0	*	*	5
Croydon	264	cmrr	cmorr	odorr	57	50	47	5	1	0.0	*	*	5
Greenwich (Royal Obsy.)	149	crr₀	crrr	cp	59	50	48	4	[0.3]	0.0	89	83	*
City (Bunhill Row)	110	*	*	*	*	*	*	*		0.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	62	52	49	5	*	0.0	92	87	*
Regent's Pk. (Botanic Gdns.)	129	*	*	*				*	1*	0.0	*	*	*
Camden Square	110	or	or	*	58	51	*	5		*	*	86	*
Kensington Palace	80	or	o	*	58	51	48	5	0.3	*	(At 18h) 87	87	*
Hampstead Observatory	450	*	*	*	56	47	44	6	-	0.0	*	90	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 29th

South Kensington Max.	Time.	Min.	Time.
0.6	15h 28m	<0.3	3h 29m

Kew Observatory Max.	Time.	Min.	Time.
0.3	16h 28m	<0.1	3h 29m

Pole Star Record at Greenwich Obsy.

Exposure from 28th 18h 45m. to 29th 05h 00m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10·15	Nil	Nil
δ Ursæ Minoris	10·15	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=Setting to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 29th and 30th Sept., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·52	11·48	17·34
	5·53	11·48	17·32
Greenwich	5·58	11·50	17·41
	6·0	11·50	17·39
Wick	6·13	12·3	17·51
	6·16	12·2	17·48
Valentia	6·40	12·31	18·22
	6·41	12·31	18·20

Beaufort Notation of Weather.

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

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

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

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

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

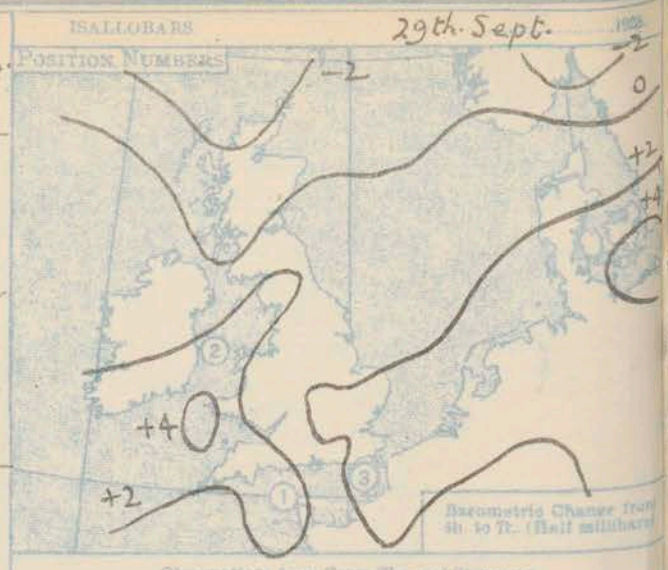
§ Telegraphic Code for Surface Visibility.

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

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

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 28th	Weather. 13h.-18h. 28th	Weather. 18h. 28th to 18h. 29th	Weather. 18h.-7h. 29th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall† Day, 7h.-18h. mm	Rainfall† Day, 7h.-18h. began.	Rainfall† Night, 18h.-7h. mm.	Rainfall† Night, 18h.-7h. began.	Sun 28th. Hours.
Lerwick	cbcy	cbc	c	cipo	46	40	•	–	–	Tr.	5·30	7·4
Stornoway	p	p	b-bc	c	49	34	•	1	<8.00	Tr.	6·30	6·7
Wick	bbc	bbc	b-bc	c	48	35	•	–	–	–	–	•
Tiree	bcq	bc	bcb	bcc	52	34	26	–	–	–	–	6·2
Nairn	bcp	bc	bcprx	bc	48	34	•	01	<8.00	0·5	<21·00	4·7
Aberdeen	pr bc	pbcb	bc	c	50	35	30	Tr.	<8.00	–	–	6·9
Malin Head	c	cbc	bc	pcv	57	46	•	–	–	–	–	0·0
Renfrew	cqy	cqyc	bczo	bmox	50	25	18	–	–	–	–	3·0
Edinburgh (Inchkeith)	oircbc	bcc	cpr bc	bcb	51	40	30	Tr.	<8.00	0·2	<21·00	4·4
Leuchars	pcibr bc	bcyipr	cpobwcr	cbwxbx	51	31	25	Tr.	<8.00	0·1	<21·00	5·2
Eskdalemuir	orrcbc	bc	bcbpx	bx	48	30	25	1	<8.00	–	–	4·8
Tynemouth	coirqq	cpoq	cbc	bcpo	52	46	41	Tr.	11·00	0·6	3·30	•
Blackwod Point ...	c	c	cb	b	55	46	•	–	•	–	–	•
Donaghadee	cmc	cbc	bc	bc	53	45	•	–	–	–	–	•
Birr Castle	orr	orrc	c	c	53	44	41	1	<8.00	–	–	0·0
Holyhead	rcm	cmcq	cmqc	c	56	49	47	Tr.	<8.00	–	–	0·0
Liverpool (Bidston) ...	imz	czo	cozo	oczo	56	46	43	–	–	–	–	0·0
Chester (Sealand) ...	cmm	czicrr	crrm	czom	56	46	43	04	14·30	0·1	<21·00	0·0
Harrogate	cir	codr	c	cbc	53	39	33	05	<8.00	–	–	0·0
Spurn Head	cprc	cq	c	odd	~~8~~ 58	49	•	Tr.	9.00	0·2	3·30	~~0·0~~ 0·6
Birmingham (Edgbaston)	o	cor	orr	orr	55	43	42	1	12·30	3	<21·00	0·0
Cranwell	crc	cr	crr	crr	56	45	44	Tr.	<8.00	1	<21·00	0·0
Gorleston	cq	coq	orrq	orrr	59	52	51	0·2	17.30	5	<21·00	0·0
Valentia (Cahirciveen)	crr	cird	crr	oirc	54	48	43	7	<8.00	3	<21·00	0·0
Roches Point	orr	orrc	corr	oirc	55	49	•	17	<8.00	8	<21·00	•
Pembroke (St. Ann's H.)	crrm	crm	crrrm	crrm	55	49	•	5	<8.00	5	24·00	0·0
Ross-on-Wye	rr	rr	rodr	orqo	52	46	45	4	<8.00	2	<21·00	0·0
Leafield	cir	orr	orr	orrc	52	46	45	4	<8.00	2	<21·00	0·0
Winchester (Worthy Dn.)	crcorrm	orrddm	odorm	ordom	56	48	41	12	<8.00	3	<21·00	0·0
S. Farnborough ...	cmorrm	orrrrm	ocrroorm	orrorr	56	49	48	7	<8.00	1	<21·00	0·0
London (Kew Obsy.) ...	cirm	cmcmcrm	cmrc	crc	58	51	50	5	<8.00	0·2	<21·00	0·0
Croydon	cmrrm	comrrd	odm	orrrm	57	50	47	5	9.00	1	<21·00	0·0
Shoeburyness	omrr	orr	oco	o	61	51	50	3	11.00	0·1	<21·00	0·0
Clacton-on-Sea ...	cp	cporo	opc	cpbc	61	52	50	2	12.30	1	<21·00	0·0
Felixstowe	crm	crrir	crc	cprc	61	51	50	3	9.00	0·3	<21·00	0·1
Lympne	crrrm	corrdm	omdm	codcm	59	53	51	5	9.00	0·1	24·00	0·0
Scilly (St. Mary's) ...	orr	orr	crr bc	bccoffd	62	57	•	11	<8.00	0·2	<21·00	0·3
Falmouth (Pendennis)	crm	cmRq	crm	cm	59	56	•	6	<8.00	5	<21·00	0·0
Plymouth (Cattewater)	ORRm	crrm	cbc	bccm	58	53	52	8	<8.00	–	–	0·1
Portland Bill	orrcz	corrm	orrcz	orrcz	64	52	•	16	<8.00	4	<21·00	•
Southampton (Calshot)	orrrrm	ocqrcor	orddr	odcm	57	52	51	13	<8.00	2	<21·00	0·0
Dungeness	corr	orrcffd	c	cro	58	55	•	7	9.00	Tr.	2·30	•
Guernsey	cbcqv	cpcPRC	bc	bcpr	64	59	•	4	14.30	1	–	3·3



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Comments.
2	28th 10h	Hibernia	E'N	7	c	56	56	6
1	28th 12h	St. Julien	W'N	5	c	65	62	7
3	29th 2h	Brighton	NE	2	c+	60	62	5

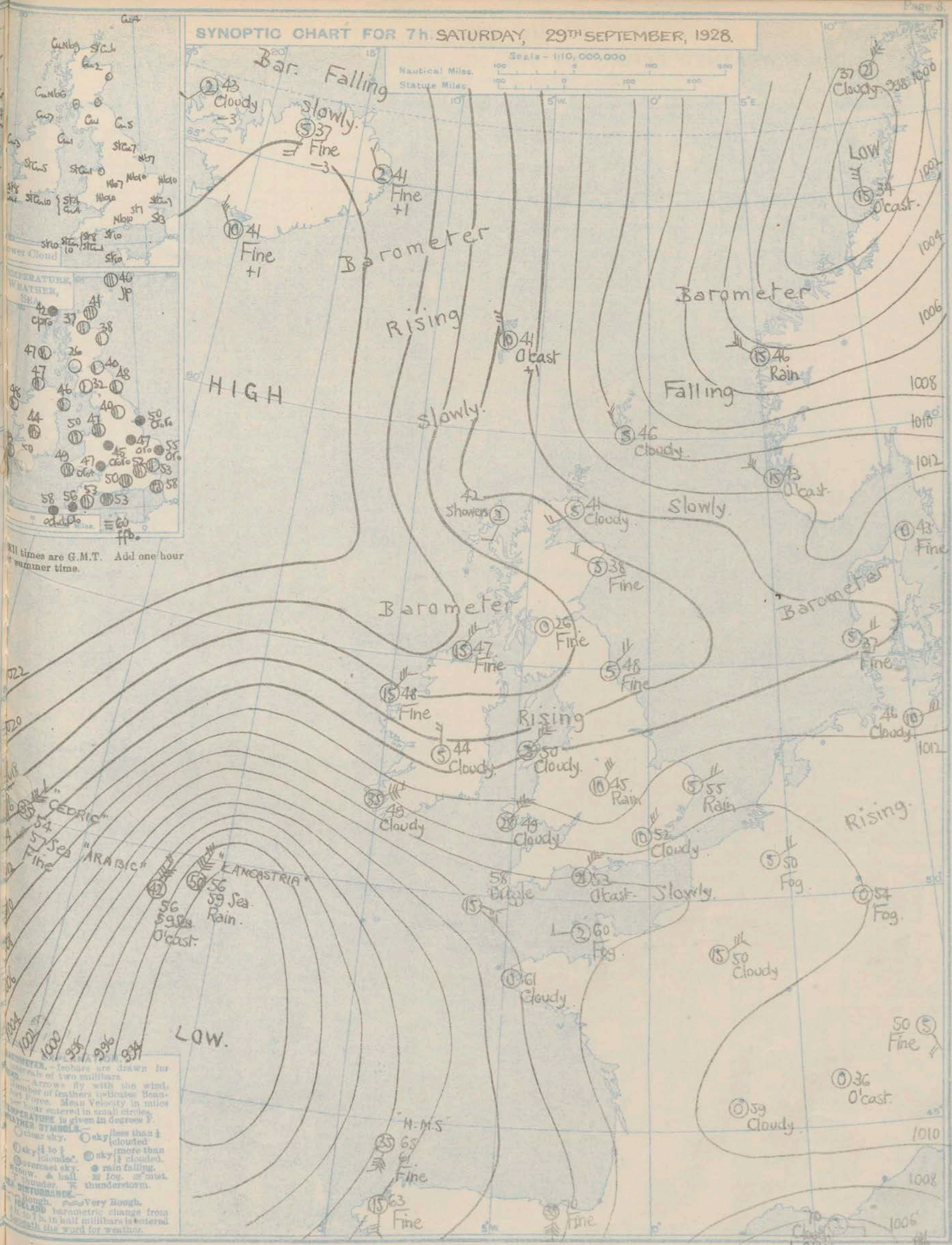
General Inference.

A deep depression off our southwest coasts is moving slowly northwestwards and another depression is moving southwards over Scandinavia. Associated secondaries to these depressions will maintain a rather unsettled type of weather with rainy and bright periods in most districts. Over Southern Scotland and Northern Ireland there will be considerable bright periods today.

Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Saturday, 29th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Easterly to variable winds, mainly light to moderate; cloudy, occasional rain; mist or fog locally at night; rather low to moderate temperature.	Rather unsettl generally.
5. S.W. England 6. South Wales	Easterly winds, veering temporarily, backing later, strong at times at first; cloudy, occasional rain; local coastal mist or fog; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	Easterly to variable then northerly winds, light or moderate; cloudy and bright periods, occasional rain; mist or fog locally at night; rather low to moderate temperature, ground frost locally at night.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Variable to northerly winds, light to moderate; bright periods at first, less settled later; morning mist or fog; rather cold with frost locally at night.	♠ North Cone hoisted 8h.20m G.M.T. today.
13 (A) W. Scotland (B) N.W. Scotland 14. Mid Scotland	Moderate northerly winds; cloudy, occasional rain; rather cold.	
15. N.E. Scotland		
16. Orkneys and Shetlands	As 10 - 12	
17. N.W. Ireland	As 13A - 13B.	
18. N.E. Ireland 19. S.E. Ireland	E. to N.E. winds, fresh at times; bright periods, local showers; rather low to moderate temperature with ground frost locally at night.	
20. S.W. Ireland ♠	As 5 - 6	

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

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday, 29th September 1928. No. 273.

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	54	1013.2	-2	NW	2	c	45	65	7	2500	Cu	10	-	10	1010.0	-2	NW	2	c/p	46	85	8	1500	Cu	4	ast	8	.
Stornoway	30	1020.1	-1	N	1	b-	.	.	8	.	.	.	.	2	1018.8	-2	SW	1	c/pr0	42	97	7	4000	CuNb	9	-	9	0
Wick	81	1018.1	-1	WNW	2	bc	36	97	8	2500	StCu	3	-	3	1015.1	-2	WSW	2	c	41	97	8	2500	StCu	6	ast	10	0
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.9	0	N	4	bc-	47	75	9	2500	CuNb	6	acu	7	4
Nairn	20	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.8	.	-	0	bc	37	85	8	2500	Cu	2	acu	4	.
Aberdeen	37		.	.	.	.	.	.	.	.	.	.	.	.	1017.6	0	WNW	2	bc	38	85	8	-	-	0	acu	7	0
Malin Head	61	1018.4	+2	NE'E	5	bc	48	65	8	4000	Cu	2	FCu	3	1018.6	+1	NE	4	bc	47	65	9	4000	Cu	7	acu	7	3
Renfrew	36	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.1	0	-	0	b	26	97	6	-	-	0	-	0	.
Edinburgh (Inchkeith)	100	1016.4	+1	NNE	4	bc	42	75	9	4000	Cu	3	FCu	6	1017.7	+2	W	2	b	40	75	8	-	-	0	acu	2	0
Leuchars	30	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.5	+1	[illegible]	2	b	33	92	8	-	-	0	-	0	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.0	0	N	1	b	32	97	8	2500	Cu	1	Ci	2	.
Tynemouth	87	1015.5	+1	NNE	4	bc	48	75	8	1500	Cu	3	-	3	1016.8	+1	NE	2	bc/r	48	75	8	1500	Cu	5	-	5	4
Blackwod Point	18	1015.7	+2	NE'E	5	b	49	75	7	.	Cu	2	-	2	1016.8	+1	NE'E	4	bc	48	75	8	.	Cu	3	-	3	4
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.8	+1	ENE	3	bc	46	65	8	4000	Cu	1	Ci	3	3
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.0	.	N	2	c-	44	85	7	2500	StCu	5	acu	8	.
Holyhead	26	1012.4	+2	NE'E	6	c	51	75	7	2500	StCu	1	FSt	10	1013.5	+2	NE'E	5	c	50	75	7	2500	StCu	1	CiSt	8	5
Liverpool (Bidston)	169	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.5	+1	ENE	2	c	47	65	6	-	-	0	ast	9	.
Chester (Sealand)	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1013.6	+1	ENE	1	c-	46	85	6	1500	St	2	ast	9	.
Harrogate	476	.	.	.	.	.	.	.	.	.	.	.	.	.	1015.6	0	N	1	bc	40	85	6	4000	StCu	7	-	7	.
Spurn Head	29	1012.0	+1	NNE	5	c	51	75	7	4000	CuNb	5	FSt	10	1012.5	0	NE'N	4	cr0r0	50	97	6	4000	Nb	7	ast	9	5
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.	1013.4	+2	NNE	2	c0r0	45	85	5	2500	Nb	7	ast	10	.
Cranwell	238	1012.7	+3	N	2	cr0	46	97	6	2500	Nb	5	FSt	10	1013.4	+1	N	3	or0	47	97	6	1500	Nb	10	-	10	.
Gorleston	14	1010.3	+2	E	4	or0	54	97	6	1500	Nb	10	-	10	1010.7	+2	NE'E	2	or0	55	92	7	2500	Nb	10	-	10	0
Valentia (Cahirciveen) P	50	1007.3	+5	NE	5	bcr	52	92	5	-	CuNb	7	-	7	1009.0	+3	ENE	7	c/r	49	86	8	1500	St	9	-	9	3
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1010.3	+3	E	3	c	50	92	7	1500	StCu	10	-	10	4
Pembroke (St. Ann's H.)	160	1007.5	+2	ENE	5	cr0	52	85	6	800	StCu	10	-	10	1010.9	+4	NE	6	c/r	49	92	6	1500	St	8	-	8	4
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.1	+1	NE	2	c/b+	47	92	5	1500	Nb	10	-	10	.
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	1011.3	+2	NE'N	4	c	47	97	8	2500	StCu	8	ast	10	.
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.7	+1	N	3	0	50	92	6	800	St	10	-	10	.
S. Farnborough	33		.	.	.	.	.	.	.	.	.	.	.	.	1010.2	+2	NE	1	0	50	97	6	800	Nb	10	-	10	.
London (Kew Obsy.)	18		.	.	.	.	53	.	.	.	.	.	.	.	1010.8	+3	NE	3	c	52	85	5	1500	St	1	ast	10	.
Croydon	344	1008.7	+2	ENE	3	0	52	92	5	800	St	10	-	10	1010.6	+1	NE'N	2	0	51	92	5	1500	St	10	-	10	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1010.1	+3	NE	2	c	53	97	6	1500	StCu	8	ast	10	.
Clacton-on-Sea	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1010.1	+3	NNE	3	bc-	53	92	6	4000	StCu	7	-	7	2
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1010.8	+2	NNE	3	c	53	92	6	4000	StCu	6	acu	9	1
Lympne	350	1007.8	+1	E	4	cd0	55	85	5	1500	St	9	-	9	1009.3	+2	ENE	4	c	54	75	6	1500	St	10	-	10	.
Scilly (St. Mary's)	169	1003.7	+3	SE'S	3	bc	60	97	7	4000	StCu	5	-	5	1006.5	+2	E'S	4	od0d0	58	97	5	1500	St	10	-	10	4
Falmouth (Pendennis)	200	1004.1	+2	E	5	c-	56	97	6	2500	St	6	FCu	8	1006.4	+2	E	5	cr0	56	97	6	2500	StCu	10	-	10	2
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.9	+2	ENE	5	c	53	92	6	800	St	9	-	9	1
Portland Bill	32	1006.1	+2	NE	5	0	55	92	6	1500	St	10	-	10	1007.7	+2	NE	5	0	53	92	6	1500	St	10	-	10	0
Southampton (Calshot)	10	1007.9	+2	NE'N	3	od0	54	85	6	1500	St	10	-	10	1009.7	+2	NE	3	bc	53	85	7	1500	StCu	7	ast	7	0
Dungeness	20	1006.6	+3	E	4	c	58	85	7	1500	StCu	10	-	10	1008.3	+3	E	4	c	58	75	7	800	St	3	ast	10	3
Guernsey (Fort George) P	205	1006.5	+2	SSW	1	bc	60	97	6	-	-	0	FCu	4	1007.5	+3	W	1	ffb	60	97	2	-	-	0	-	0	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th SEPT.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 27th to 9h. 28th.	Temperature. Max. 9h.-17h. 28th.	Rainfall.† Night 17h.-9h. 27/28.	Rainfall.† Day 9h.-17h. 28th.	Sunshine. Sunrise to 17h. 28th.	Sunshine. Sunrise to Sunset. 27th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	0	c	47	49	Trace	-	3.7	4.8
Douglas (I. o. M.)	c	c	48	53	5	-	0.2	8.5
Llandudno	0	0	47	57	0.5	-	0.0	7.6
Colwyn Bay	0	0	50	57	1	-	0.0	7.0
Rhyl	0	0	50	57	2	-	0.0	7.8
Wallasey	0	0	45	57	2	-	0.0	6.0
Southport	0	0c0	*49	57	1	-	0.0	5.0
Blackpool	0T0	0c	48	55	2	-	0.0	6.1
Ilkley	0	0	41	55	0.3	-	0.0	0.0
Cleethorpes	c0	0.b.0	47	56	-	-	0.4	4.8
Skegness	bcpr	0	52	57	2	0.5	0.0	8.2
Aberystwyth	cr0r0	0	50	55	1	2	0.0	8.4
Bath	crr	crr	47	54	3	13	0.0	7.1
Cheltenham	0rr	0r0	50	57	2	4	0.0	8.1
Leamington Spa	0r	0r	49	?	1	2	0.0	6.6
Lowestoft	c	c	55	59	-	-	0.0	7.2
Harwich & Dovercourt	0c	00r	46	60	-	4	0.0	10.0
Maldon	0	0r	47	60	-	3	0.0	8.5
Southend	0r	0r	55	60	Trace	4	0.0	9.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	rr	0	52	55	17	3	0.0	3.3
Bude	rr	rr	48	56	13	5	0.1	2.0
Penzance	c	c0rr	57	60	12	7	0.0	0.3
Paignton	0rm	0Rpd0	55	57	21	10	0.0	3.2
Torquay	0rrpm	0rm	54	57	24	5	0.0	5.9
Jersey	bc	cr	56	64	8	3	3.0	8.5
Weymouth	rr0	0pcp	51	62	16	11	0.0	8.7
Bournemouth	r	r	50	56	13	10	0.0	9.2
Ventnor	0r	0ru	53	56	10	5	0.0	8.4
Portsmouth (S'thsea)	0rr	0	53	58	6	6	0.0	9.4
Bognor	rr	r0c	53	56	2	11	0.0	9.4
Littlehampton	cr	cr0c	53	57	3	5	0.0	9.5
Worthing	crc	crc	53	57	0.3	4	0.0	9.1
Brighton	cr0	0cbc	53	58	8	6	0.7	9.2
Eastbourne	r0r0	r0m	53	60	1	3	0.0	8.3
Hastings†	0pr0	0rdm	53	58	2	3	0.0	9.4
Folkestone	0mrr	0rrm	52	61	-	8	0.0	8.6
Dover	c0rr	0rrd0	55	60	-	9	0.0	9.2
Tunbridge Wells	c0r	0r0	50	57	-	10	0.0	9.2
Ramsgate	0r	0r	55	60	-	10	0.0	9.9
Margate	bcc	cr	57	60	-	8	0.0	10.2
Deal	000r	r0d	56	60	-	6	0.0	8.8

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24419 Sunday, 30th September 1928. Page 1.

Observations at 13h. 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	1011.1	0	NW	2	c/p	47	75	8	1500	Cu.Nb.	3	A.St.	8	•
Stornoway	1016.9	+1	NNW	3	bc/r	50	75	7	4000	Cu.Nb.	7	–	7	•
Wick	1014.1	-1	NNW	3	bc	49	85	8	1500	Cu.Nb.	4	–	4	•
Tiree	1018.3	0	W	4	bcv	50	85	9	2500	St.Cu.	7	–	7	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1015.4	-2	WNW	2	cf₀	48	75	7	2500	Nb.	9	–	9	/
Malin Head	1018.4	0	NNE	3	bcv	51	65	9	–	–	0	A.Cu.	7	•
Renfrew	1017.1	-2	WNW	1	b	53	45	8	–	–	0	–	0	0
Edinburgh (Inchkeith)	1015.9	-2	WSW	3	bv	49	55	9	–	–	0	A.Cu.	1	•
Leuchars	1015.9	-3	W	3	b	51	55	8	4000	St.Cu.	1	–	1	/
Eskdalemuir	1016.0	-2	NE	2	bc	49	45	8	4000	Cu.	5	–	5	/
Tynemouth	1016.6	0	NNE	2	bc/p	51	65	8	1500	Cu.	5	–	5	•
Blacksod Point	1018.3	+1	NE'E	4	bcv	52	65	9	•	Cu.	4	–	4	•
Donaghadee	1018.1	0	NE	3	b	51	55	8	4000	Cu.	2	–	2	•
Birr Castle	1015.5	•	NE	4	bc-	53	65	7	1500	Cu.	6	–	6	•
Holyhead	1014.4	0	NNE	4	bc-	53	65	8	2500	Cu.	3	Ci.St.	3	0
Liverpool (Bidston)	1014.2	-1	NE'N	2	c	53	65	6	4000	St.Cu.	9	–	9	•
Chester (Sealand)	1013.8	-1	E	3	bc-	56	65	5	4000	Cu.	5	–	5	/
Harrogate	1015.0	0	N	3	c	50	75	8	5700	St.Cu.	9	–	9	•
Spurn Head	1013.2	0	NNE	4	c	52	85	7	4000	Cu.Nb.	6	A.St.	9	•
Birmingham (Edgbaston)	1013.7	0	NNE	3	mmo	48	85	4	800	St.	10	–	10	/
Cranwell	1013.5	+1	NNE	3	od₀o₀	51	97	6	450	Nb.	10	–	10	2
Gorleston	1011.5	+2	ENE	3	orr	54	97	5	800	Nb.	10	–	10	•
Valentia (Cahirciveen)	1012.7	+4	NE'E	5	bc	53	75	8	1500	St.Cu.	7	–	7	0
Roches Point	1013.3	+3	ENE	3	c	54	85	8	1500	St.Cu.	10	–	10	•
Pembroke (St. Ann's H.)	1011.8	+2	NE	4	cf₀f₀	51	85	6	800	St.Cu.	10	–	10	/
Ross-on-Wye	1012.8	+1	NNE	2	mmo	49	85	4	800	St.	10	–	10	/
Leafield	1012.1	+1	N'E	3	o	49	92	7	1500	St.	10	–	10	/
Winchester (Worthy Dn.)	1010.4	0	N'E	4	c	54	85	7	1500	St.Cu.	9	–	9	/
S. Farnborough	1010.9	0	NNE	2	c	56	85	6	2500	Nb.	3	A.St.	10	2
London (Kew Obsy.)	1011.1	-1	NE	3	c	58	75	6	2500	St.	5	A.St.	10	/
Croydon	1010.8	0	NE	3	c-	57	75	6	1500	St.Cu.	9	–	9	/
Shoeburyness	1011.7	+1	NE	3	c	59	85	6	2500	St.Cu.	4	A.St.	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1011.1	0	NNE	3	c	60	75	7	4000	Cu.	6	A.St.	9	/
Lympne	1009.9	0	ENE	3	bc⊕	62	55	7	4000	Cu.	1	Ci.	7	0
Scilly (St. Mary's)	1007.7	0	E	5	of₀f₀	59	97	6	4000	Nb.	10	–	10	•
Falmouth (Pendennis)	1007.9	+2	E	4	cf₀	56	97	6	2500	Nb.	8	A.St.	10	•
Plymouth (Cattewater)	1008.9	+1	E	4	orr	54	92	6	1500	Nb.	10	–	10	2
Portland Bill	1009.2	+1	NE	4	o	57	85	6	1500	St.	10	–	10	/
Southampton (Calshot)	1010.2	-2	NE'E	4	bc-	59	75	6	–	–	0	A.Cu.	5	0
Dungeness	1009.7	+1	E	4	bc	63	65	7	4000	Cu.	4	A.Cu.	7	•
Guernsey (Fort George)	1008.1	0	ENE	2	c+	62	92	6	1500	St.	8	A.Cu.	9	•

Observations at 18h. 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	1012.6	+1	NW	3	bc/p	42	75	8	1500	Cu.Nb.	3	A.St.	6	•
Stornoway	1018.3	+2	N	3	c	46	85	7	4000	Cu.Nb.	9	–	9	2
Wick	1015.5	+2	NNW	2	bc	45	97	8	1500	Cu.Nb.	6	–	6	0
Tiree	1017.5	0	N'E	5	bc/p	50	75	8	1500	Cu.Nb.	6	–	6	3
Nairn	1016.0	•	NW	2	bc+	47	75	8	2500	Cu.	6	–	6	•
Aberdeen	1014.8	0	WNW	2	bc	46	75	8	2500	Cu.Nb.	3	–	3	0
Malin Head	1017.7	-1	NNW	3	bc/p	50	75	9	4000	Cu.Nb.	2	A.Cu.	6	/
Renfrew	1015.0	-1	WNW	3	bv	49	75	9	4000	Cu.	1	–	1	/
Edinburgh (Inchkeith)	1014.4	0	W	3	c+	51	75	8	4000	Cu.	8	A.Cu.	9	/
Leuchars	1015.4	+1	NW	1	c-	49	75	8	4000	St.Cu.	8	–	8	5
Eskdalemuir	1016.0	0	–	0	b	38	85	6	–	–	0	A.Cu.	1	•
Tynemouth	1015.7	-1	NE	1	bc-	47	75	8	1500	Cu.	3	–	3	2
Blacksod Point	1017.9	0	NEE	5	bcv	52	65	9	•	St.Cu.	6	–	6	5
Donaghadee	1017.8	-1	NNE	3	bc+	49	65	8	4000	Cu.	3	–	3	3
Birr Castle	1015.5	•	NE	3	b-	50	75	7	4000	Cu.	1	Ci.	2	•
Holyhead	1014.4	+1	NNE	4	bc+	51	65	8	4000	Cu.	2	Ci.	3	4
Liverpool (Bidston)	1014.4	0	NE	1	b-	51	75	6	4000	St.	1	–	1	•
Chester (Sealand)	1013.7	+1	ENE	1	c	50	85	5	4000	St.Cu.	9	–	9	•
Harrogate	1015.2	0	NE	2	c	46	75	7	4000	Nb.	7	A.St.	9	•
Spurn Head	1013.2	0	NNE	4	c	51	75	7	4000	Cu.Nb.	6	A.St.	9	4
Birmingham (Edgbaston)	1013.6	0	N	3	mmo	49	92	4	800	St.	10	–	10	•
Cranwell	1013.7	0	NNE	4	orr	49	97	6	220	Nb.	10	–	10	•
Gorleston	1011.8	0	NE	4	or₀	53	92	6	6500	Nb.	10	–	10	/
Valentia (Cahirciveen)	1014.3	+3	NE'E	4	bc	52	75	8	2500	St.Cu.	3	Ci.Cu.	4	0
Roches Point	1013.6	+2	NE	3	bc	53	85	8	2500	St.Cu.	4	Ci.Cu.	6	5
Pembroke (St. Ann's H.)	1011.3	0	NE'N	3	c	52	85	6	1500	St.Cu.	10	–	10	/
Ross-on-Wye	1012.6	0	NE'N	2	mmo	50	85	4	800	St.	10	–	10	•
Leafield	1012.4	0	N'E	3	of₀	49	97	6	1500	Nb.	10	–	10	•
Winchester (Worthy Dn.)	1010.7	0	N	3	c	52	85	7	4000	St.Cu.	6	A.St.	10	•
S. Farnborough	1010.8	0	N'E	1	c+	52	92	6	5700	St.Cu.	8	–	8	•
London (Kew Obsy.)	1011.0	0	NNE	2	c	55	85	6	2500	St.	8	A.St.	10	•
Croydon	1010.6	0	NE'E	3	bc-	54	85	5	2500	St.	3	A.Cu.	7	•
Shoeburyness	1010.7	0	NE	3	c	53	97	6	5700	St.Cu.	5	A.St.	10	•
Clacton-on-Sea	1010.6	0	NNW	2	bc+	56	85	7	5700	St.Cu.	7	–	7	0
Felixstowe	1011.1	+1	NE	3	cf₀f₀	53	97	6	1500	St.	9	A.St.	10	/
Lympne	1010.1	+1	NE	3	c+	53	85	6	–	–	0	Ci.Cu.	8	•
Scilly (St. Mary's)	1008.8	+1	ENE	4	c	56	97	6	4000	St.Cu.	10	–	10	4
Falmouth (Pendennis)	1008.8	+1	E	4	c	55	97	7	2500	Nb.	5	A.St.	10	2
Plymouth (Cattewater)	1009.6	+1	NE	3	cf₀f₀	53	92	6	2500	Nb.	8	A.St.	10	/
Portland Bill	1008.6	0	NE	4	of₀f₀	55	85	6	1500	Nb.	10	–	10	4
Southampton (Calshot)	1010.1	0	NE'N	2	bc+	56	85	6	4000	St.Cu.	5	A.Cu.	7	0
Dungeness	1009.9	0	NE	2	bc	57	75	7	4000	St.Cu.	4	Ci.Cu.	6	/
Guernsey (Fort George)	1008.5	0	ENE	3	of₀f₀	59	97	4	800	Nb.	10	–	10	3

LONDON OBSERVATIONS. Day: 7h-18h., Kew & Croydon. 9h-18h., Kensington. 9h-21h., other stations.	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Max. Day °F.	Min. Night °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.
		24 Hours ended 9h.											
Kew	18	cm₀	cm₀	c,cb	58	45	43	Tr	–	0.1	*	*	*
Croydon	244	ocm,z	cbcz,	bc,ov,c	58	45	42	–	0.5	0.0	*	*	*
Greenwich (Royal Obsy.)	149	cd	c	cdrcb	59	44	39	Tr	1	0.0	74	70	6
City (Bunhill Row)	60	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	59	45	42	NIL		0.0	77	69	*
Regent's Pk. (Botanic Gdns.)	188	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	oc	c	*	56	44	–	–	–	*	*	74	*
Kensington Palace	80	o	c	*	58	45	41	–	–	*	(At 15h.) 81	66	*
Hampstead Observatory	480	*	*	*	56	39	35	–	–	0.0	*	78	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 30th

South Kensington			
Max.	Time.	Min.	Time.
0.5	9h 29m	<0.3	2h 30m
Kew Observatory			
Max.	Time.	Min.	Time.
0.1	11h 29m	<0.1	4h 30m

POLE STAR RECORD at Greenwich Obsy.

Exposure from 29th 18 h. 30 m. to 30th 05 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10 45	0.17	3
δ Ursae Minoris	10.45	0.12	2

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET. 30th Sept. – 1st Oct. 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.53 5.55	11.43 11.43	17.32 17.29
Greenwich	6.0 6.2	11.50 11.50	17.39 17.37
Wick	6.16 6.18	12.2 12.2	17.48 17.45
Valentia	6.41 6.43	12.31 12.31	18.20 18.18

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

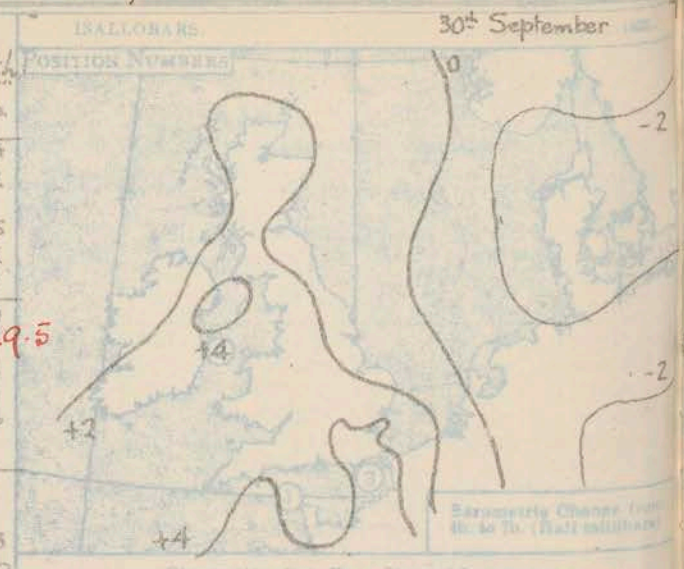
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 29th	Weather. 18h.-18h. 29th	Weather. 18h.29th to 18h.30th	Weather. 18h.-7h. 30th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min on Grass	Rainfall† Day 7h.-18h. mm.	Rainfall† Day 7h.-18h. began.	Rainfall† Night 18h.-7h. mm.	Rainfall† Night 18h.-7h. began.	Sun. 29th Hours.
Lerwick	cpr	cpprbc	bcprq	bcpr	50	41	•	2	18:00	1	<21:00	5.4
Stornoway	p	c	b-bc	c	51	36	•	1	18:00	—	—	2.2
Wick	prbc	prpr	b-bc	bcpr	50	41	•	3	9:00	0.1	1:30	•
Tiree	cbcc	cpp	cbc	cbc	52	46	40	—	—	—	—	4.5
Nairn	bcprc	cbc	bcprc	bc	49	41	•	0.4	11:00	0.5	22:00	3.5
Aberdeen	bbccr	crbc	bcpr	bcprb	51	38	35	0.2	12:30	0.5	<21:00	4.8
Malin Head	bcv	bcv	bcpbcc	cv	51	49	•	—	—	Tr	<21:00	8.9
Renfrew	bzy	by	bu'c	bz	54	31	23	—	—	—	—	9.5
Edinburgh (Inchkeith)	bbcv	bbcc	cbc b	bcb	52	41	33	—	—	—	—	10.1
Leuchars	bxby	bbcyc	cb	bbw	55	39	32	—	—	—	—	8.1
Eskdalemuir	bxbbcy	bcybz	bz, bm	bmbz	54	32	27	—	—	—	—	9.6
Tynemouth	bcp	bc	bcmbc	bcp.	52	42	31	0.1	9:00	1	5:30	•
Blacksod Point	bbc	bcc	c	c	53	51	•	—	•	—	•	•
Donaghadee	bcb	bbc	bc	bc	51	46	•	—	—	—	—	•
Birr Castle	cbc	bcb	bz	bzm	54	31	22	—	—	—	—	8.3
Holyhead	cbbbc	by	bccbcb	bcc	53	48	44	—	—	—	—	9.0
Liverpool (Bidston)	cbbcc	zcm	bbcc	cbcbz	54	39	30	—	—	—	—	3.3
Chester (Sealand)	cprbzy	bcmz	cbm	bbcm	57	33	25	Tr	18:00	—	—	3.1
Harrogate	bac	c	cb	bcb	52	36	30	—	—	—	—	0.8
Spurn Head	robbc	cpr	cprbcb	bbcqpr	54	43	•	0.2	18:00	1	<21:00	0.1
Birmingham (Edgbaston)	crf	o	oid	cb	50	37	31	0.2	18:00	0.1	<21:00	0.0
Cranwell	drdd	idrm	robcb	bbm	52	35	32	1	18:00	2	<21:00	0.0
Jersey	rrq	rpq	rcpr	bcc	55	41	39	8	18:00	1	<21:00	0.0
Valentia (Cahirciveen)	cbc	bcb	bc	bcwb	55	43	34	—	—	0.1	—	4.7
Roches Point	cq	cbc	bcbw	bw	56	41	•	—	—	Tr	—	•
Pembroke (St. Ann's H.)	crm	crm	cbc	b	54	43	•	2	11:00	—	—	0.0
Ross-on-Wye	rrom	omq	qmrbc	cbb	54	38	31	1	18:00	Tr	<21:00	0.0
Leafield	oiro	c	cv	cbcb	52	37	33	Tr	9:00	0.2	22:00	0.0
Worcester (Worthy Da)	ocm	c	cbc	bc	58	44	39	—	—	—	—	0.4
S. Farnborough	crc	cbcc	cm	cbc	57	44	40	0.2	18:00	—	—	0.6
London (Kew Obsy.)	cm	cm	c	cb	58	45	43	Tr	—	—	—	0.1
Croydon	cmz	cbcz	bcomrrom	omrrbc	58	45	42	—	•	0.5	24:00	0.0
Shoeburyness	cm	cm	crr	rbc	61	43	41	—	—	1	<21:00	1.3
Clacton-on-Sea	bac	obc	bcowr	orbc	61	43	40	—	—	4	<21:00	0.4
Felixstowe	cmc	cpwr	crr	bcb.	60	42	38	0.3	16:30	3	<21:00	0.1
Lympne	cmbc	bcbcm	cbccr	odcr	62	47	46	—	—	0.2	22:00	3.5
Scilly (St. Mary's)	orm	oram	corr	orrc	60	53	•	3	18:00	3	22:00	0.0
Falmouth (Pendennis)	crm	crm	cm	cmbc	58	51	•	0.3	18:00	—	—	0.0
Plymouth (Cattewater)	cmrar	orrm	crmbc	bcbw	55	49	45	10	9:00	0.1	<21:00	0.0
Portland Bill	orora	orrorr	orrroc	cbc	58	47	•	3	18:00	2	<21:00	•
Southampton (Calshot)	ampcm	bcm	bcomrrr	cm	60	48	45	Tr	9:00	Tr	<21:00	1.1
Dungeness	corcbc	bc	bccdcrr	ccrc	63	50	•	—	—	0.2	22:00	•
Guernsey	offbcm	cirrm	orrqtirc	cirq	63	54	•	4	15:30	4	<21:00	0.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	29th 10h	Hibernia	NE	7	c	52	55	7
1	29th 12h	St Helier	NE	5	mmo	61	61	5
3	30th 1h	Dieppe	NE	4	o R	57	61	0

GENERAL INFERENCE.

An anticyclone to the west of the British Isles is moving slowly southwards while pressure is low to the South. A deep depression centred over Southern Scandinavia is moving southwards while another depression indicated to the north of Iceland will probably move southeastwards. Considerable bright periods will be experienced in all parts of the British Isles but showers will occur in the extreme North and in eastern coastal districts.

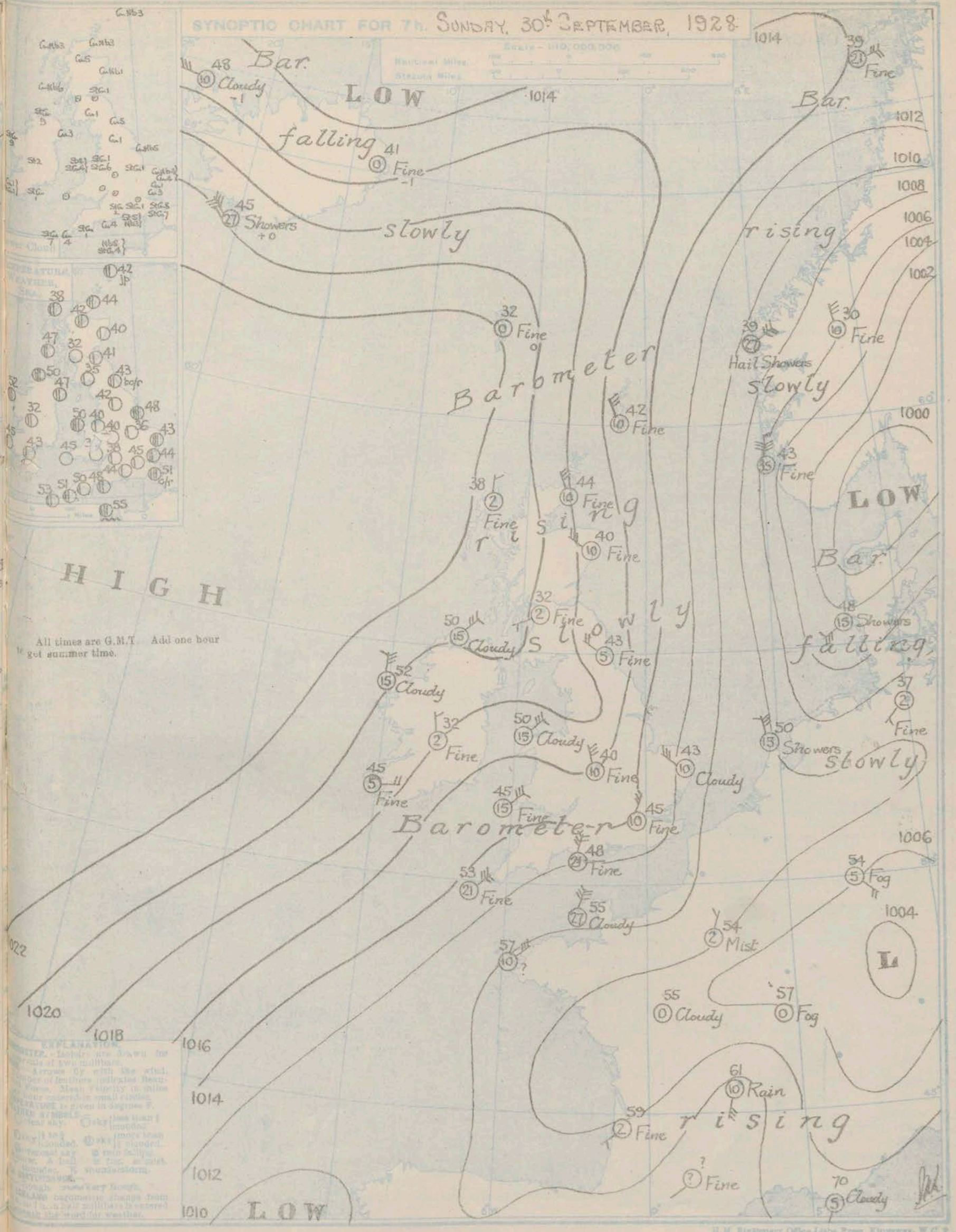
Districts.	Forecasts for the 24 hours commencing 12 Noon G.M.T. Sunday, 30th September, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light to moderate north to northeast winds; considerable bright periods, local showers, chiefly in coastal districts; cool, ground frost at night.	Mainly fair in England and Ireland; rather unsettled in Scotland.
4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate northeast winds; fine; local morning mist or fog; cool, ground frost at night.	
7. North Wales 8. N.W. England 9. N. Midlands	Light northeast winds, becoming variable; fine; local morning mist or fog; cool, ground frost at night.	
10. N.E. England 11. S.E. Scotland	Light northerly winds, backing; considerable bright periods, local showers; local morning mist or fog; cool, ground frost at night.	
12. S.W. Scotland & Isle of Man	Light north to northeast winds, backing; fine; local morning mist or fog; cool, ground frost at night.	
13 (A. W. Scotland 13 (B. N.W. Scotland	Light variable winds, becoming westerly; fine today; perhaps some rain to-morrow; cool.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 12 - 13A.	
17. N.W. Ireland	Light northerly winds, backing to west; bright periods, local showers to-day; perhaps some rain to-morrow; cool.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light northeast to east winds, becoming variable; fine; morning mist or fog; cool, ground frost locally at night.	L.D.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1130 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1

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

SYNOPTIC CHART FOR 7h. SUNDAY, 30th SEPTEMBER, 1928.



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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION Sunday 30th September 1928. No. 274

Stations	Height above M.S.L. in feet	1h. G.M.T. 30th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 30th: Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1014·1	+3	N	5	bjp	44	65	8	1500	CuNb	2	–	2	1015·4	+1	NNW	3	bcjp	42	85	8	1500	CuNb	3	ASt	4	*
Stornoway	80	1020·5	+2	N	3	bc-	*	*	8	*	*	*	*	3	1021·5	+2	N	1	bc	38	75	7	4000	CuNb	3	–	3	0
Wick	81	1017·1	+1	NW	2	bc	42	97	8	1500	CuNb	4	–	4	1017·9	+2	NNW	3	bc	44	85	8	1500	CuNb	3	CuSt	5	1
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·8	+1	NE	4	bc	47	75	9	2500	CuNb	6	–	6	3
Nairn	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·0	*	NNW	2	bc	42	75	8	2500	Cu	5	–	5	*
Aberdeen	37	*	*	*	*	*	*	*	*	*	*	*	*	*	1017·7	+2	NW	3	b	40	75	8	2500	CuNb	1	–	1	3
Malin Head	61	1018·5	+1	NNE	5	c	51	75	8	5700	StCu	9	–	9	1020·0	+2	NE	4	c	50	~~75~~ 65	6	5700	StCu	9	–	9	3
Renfrew	88	*	*	*	*	*	*	*	*	*	*	*	*	*	1019·9	+2	WSW	1	b	32	97	9	–	–	0	–	0	*
Edinburgh (Inchkeith)	299	1017·4	+2	N	2	bc-	43	75	9	4000	Cu	3	ACu	7	1017·8	+1	N	4	b	41	65	9	–	–	0	–	1	0
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1018·0	+2	NW	3	b	41	75	8	5700	StCu	1	–	1	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1018·9	+2	N'E	3	b	35	75	8	4000	Cu	1	ACu	2	*
Tynemouth	67	1015·1	0	NW	2	bc	42	85	7	1500	Cu	6	–	6	1016·6	+2	NW	2	bcjp	43	85	7	1500	Cu	5	–	5	4
Blacksod Point	18	1018·2	0	N	3	bc	51	85	7	*	StCu	7	–	7	1020·0	+1	N	4	c	52	65	9	*	StCu	9	–	9	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1019·6	+4	ENE	4	bc	47	75	8	4000	Cu	3	Ci	4	3
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1016·9	*	NNW	1	bc	32	92	5	450	St	2	ACu	3	*
Holyhead	28	1015·1	+1	NE'N	4	bc+	51	75	8	4000	Cu	3	–	3	1017·0	+3	NE'N	4	c	50	75	8	2500	St	8	–	8	3
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1017·6	+2	NE	2	b	40	85	7	2500	StCu	1	ACu	1	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1016·9	+3	NW	2	bc+	40	85	6	5700	StCu	10	–	10	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1018·9	+2	NNW	2	b	42	75	8	4000	Cu	1	ACu	2	*
Spurn Head	29	1013·0	0	NW'N	4	b	44	85	7	4000	Cu	2	–	2	1013·3	0	N'E	5	c	48	85	7	4000	CuNb	5	ASt	8	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1016·4	+3	NNW	3	b	40	85	6	–	–	0	–	0	*
Cranwell	236	1014·7	+1	NNW	2	b-	39	97	7	–	–	0	ACu	1	1015·5	+2	NW	3	b	36	97	6	5700	StCu	1	–	1	*
Gorleston	14	1011·8	-2	N'E	4	bc-	51	85	7	2500	Cu	6	–	6	1011·9	+1	NW	3	c	43	85	7	2500	CuNb	8	–	8	0
Valentia (Cahirciveen)	30	1015·7	+3	NE	5	b	46	92	9	–	–	0	–	0	1018·3	+3	E	2	b	45	75	8	1500	Cu	2	–	2	0
Roches Point	72	*	*	*	*	*	*	*	*	*	*	*	*	*	1017·7	+3	N	3	b	43	92	8	2500	StCu	1	–	1	0
Pembroke (St. Ann's H.)	150	1012·8	+1	NNE	2	b-	48	85	6	–	–	0	–	0	1018·2	+3	NE	4	b	45	85	7	–	–	0	–	0	2
Ross-on-Wye	227	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·7	+2	N	2	b	39	92	6	–	–	0	–	0	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*	1015·1	+3	N	3	b	38	85	7	–	–	0	ACu	1	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·5	+3	N	3	bc	44	85	7	4000	StCu	2	ACu	4	*
S. Farnborough	237	*	*	*	*	*	*	*	*	*	*	*	*	*	1013·2	+4	NNE	2	b	44	85	7	5700	StCu	1	–	1	*
London (Kew Obsy.)	18	*	*	*	*	*	51	*	*	*	*	*	*	*	1014·0	+5	NNE	3	b	45	75	6	–	–	0	ACu	1	*
Croydon	246	1011·3	0	NE'N	3	ocr₀	48	97	6	1500	Nb	10	–	10	1013·2	+3	NNE	4	b-	45	85	6	4000	StCu	2	Ci	3	*
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·8	+5	NNW	3	b	45	92	8	4000	StCu	1	–	1	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·5	+3	N	3	bc	44	92	7	4000	Cu	3	CuSt	5	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·6	+2	N'W	3	b	44	85	8	4000	Cu	1	Ci	2	1
Lympne	280	1009·5	0	NE	3	od₀d₀	52	97	5	800	St	10	–	10	1011·5	+3	NNE	5	cr₀	45	85	8	5700	StCu	8	–	8	*
Scilly (St. Mary's)	163	1010·4	0	NE	4	orr	55	97	6	2500	Nb	10	–	10	1012·6	+3	NE	5	bc	53	85	7	4000	StCu	7	–	7	4
Falmouth (Pendennis)	200	1009·8	+1	NE'N	3	c	53	92	6	4000	StCu	10	–	10	1012·2	+3	NNE	3	bc-	51	92	8	4000	Cu	4	ACu	7	1
Plymouth (Cattewater)	69	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·7	+4	NE	3	b-	50	75	7	4000	StCu	1	–	1	1
Portland Bill	52	1009·2	0	NE'N	5	c-	53	85	8	2500	StCu	7	ASt	9	1011·7	+3	NNE	5	bc-	48	75	8	2500	Cu	4	ACu	5	4
Southampton (Calshot)	10	1010·5	0	NE'N	5	c/r	53	92	6	1500	St	10	–	10	1012·9	+3	N'E	3	c-	48	85	6	1500	St	8	–	8	0
Dungeness	20	1009·0	-2	E	3	c/r	56	85	7	2500	StCu	9	–	9	1010·9	+4	NNE	4	c/r	51	75	8	4000	StCu	7	CiCu	9	5
Guernsey (Fort George)	265	1009·2	+1	NE	4	cr	58	85	7	2500	StCu	10	–	10	1010·8	+3	NNE	6	c	55	85	8	1500	Nb	9	–	9	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th Sept. 1928

Stations (1)	Weather: Forenoon (2)	Weather: Afternoon (3)	Temperature: Min. 9h. 28th to 9h. 29th (4) °F.	Temperature: Max. 9h.–17h. 29th (5) °F.	Rainfall: Night 17h.–9h. 28th–29th (6) mm.	Rainfall: Day 9h.–17h. 29th (7) mm.	Sunshine: Sunrise to 17h. 29th (8) hr.	Sunshine: Sunrise to Sunset 28th (9) hr.
Berwick-on-Tweed	cbc	bc	44	51	/	–	7·8	3·7
Douglas (I. o. M.)	b	b	?	53	–	–	10·1	0·2
Llandudno	bc	bbcc	48	55	–	–	6·0	0·0
Colwyn Bay	cb	bbcc	47	55	–	–	6·6	0·0
Rhyl	b	bc	47	55	–	–	5·5	0·0
Wallasey	bccz	cbcc	?	56	–	–	3·5	0·0
Southport	bc	c	44	56	–	–	7·4	0·0
Blackpool	bc	bcc	40	55	–	–	6·7	0·0
Ilkley	c	c	39	51	–	–	0·9	0·0
Cleethorpes	odo	o	49	52	/	0·2	0·0	0·4
Skegness	oro	o	51	55	9	Trace	0·3	0·0
Aberystwyth	bc	cbc	47	56	0·3	–	2·1	0·0
Bath	c	cg	49	53	?	Trace	0·0	0·0
Cheltenham	od	om	47	54	/	Trace	0·0	0·0
Leamington Spa	o	o	46	52	4	–	0·0	0·0
Lowestoft	crr	crr	53	54	/	3	0·0	0·0
Harwich & Dovercourt	bcr	ocm	51	62	/	0·2	0·5	0·0
Maldon	o	c	51	59	/	Trace	0·0	0·0
Southend	o	oc	52	60	0·4	–	0·6	0·0
Ilfracombe	o	o	50	54	3	–	0·0	0·0
Bude	bcco	oqc	50	55	2	–	3·2	0·1
Penzance	ocr	or	56	59	2	–	0·0	0·0
Paignton	rom	ormorp	54	55	5	10	0·0	0·0
Torquay	oqorp	orm	53	55	12	9	0·0	0·0
Jersey	c	d	55	67	–	Trace	2·7	3·0
Weymouth	c	cr	51	57	6	/	0·2	0·1
Bournemouth	o	o	49	58	5	–	0·1	0·0
Ventnor	roz	oc	52	59	4	–	1·3	0·0
Portsmouth (S'thsea)	o	c	52	61	/	–	0·8	0·0
Bognor	c	cbcc	51	60	/	–	1·8	0·0
Littlehampton	c	bc	52	60	0·2	–	1·0	0·0
Worthing	c	c	52	60	0·3	–	0·6	0·0
Brighton	bc	cbc	53	61	–	–	0·2	0·7
Eastbourne	o	ocbc	53	62	3	–	0·5	0·0
Hastings	ocbc	cbcc	53	63	0·2	–	1·3	0·0
Folkestone	omc	bc	55	65	Trace	–	3·3	0·0
Dover	obc	bc	55	64	0·4	–	4·5	0·0
Tunbridge Wells	o	oco	51	59	2	–	0·6	0·0
Ramsgate	cbc	bc	53	61	/	–	4·0	0·0
Margate	bc	bc	55	61	Trace	–	3·3	0·0
Deal	oc	cbc	55	64	/	–	4·0	0·0

TERMS OF SUBSCRIPTION.—5/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

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

‖ At stations marked thus the maximum temperature is for the period 9h.–17h., the minimum for the period [illegible]h.–9h. ◆ [illegible]h.–9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, September 1928.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Plymouth	13h. Bar. 1023.1 mb.
-	Edinburgh	18h Weather c/m: Vis. 6.
	Cranwell	" Hum. 92%.
	Guernsey	" Wind force 1.
	Pembroke	7h Weather iFbc.
	Tiree	Grass Min. 29°
	Renfrew	7-18h Weather cffcr.
	Holyhead	13-18h " r.C
	Roches Pt.	18-1h " bcvbw
	Leafield	Night rain Tr: Suns. 2.3 hrs.
	S. Farnboro'	13-18h Weather cp.cm.: Min. 42°
	Scilly	Min. 55°
	Guernsey	Night rain. NIL.
2nd	Liverpool	Wind dir. N.W. 13h
	Roches Pt.	Clouds. Cu 3. CuCu 4. "
	Lerwick	18h. Wind force 1
	Nairn	" " dir. E.
	Birmingham	18h Weather b
	Gorleston	" Wind dir. SE'S
	Westminster	68°: 51°: 42°: NIL: 55%: 61%
	Greenwich	19.45-4.15: Exp. 8h30m
	"	Alaris:-8.30. 100%: Ursae:-8.30. 100%
	Portland Bill	1hr. Wind dir. ENE.
	Lerwick	7h. Cloud height 4500'
	Stornoway	" Weather c
	Southport	Min. 51°
	Ilfracombe	b: bcb: 51°: 66°: NIL: NIL: 10.1: 3.6
	Stornoway	1-7h Weather c: Night rain NIL.
	Clacton-on-Sea	Sunshine 12.2 hrs.
3rd	Wick	13h Low cloud St. 3.
	Birmingham	18h Hum. 45%
	Tynemouth	1h Wind force 2.
	Croydon	" Hum. 85%
	Portland Bill	" Weather bc+
	Dungeness	" Bar 1023.2 mb.
	Tiree	7h Bar. tendency 0
	Donaghadee	" Temp. 59°: Hum. 92%
	Scilly	" Temp. 59°
	Aberdeen	18-1h Weather cor.
	Clacton-on-Sea	Sunshine 12.1 hrs.
4th	Malin Head	13h Wind dir. N.W.
	Gorleston	" Weather C
	Leuchars	18h. Bar. 1011.8 mb: Wind SSW: Cl. am't. 9.
	Cranwell	" Bar. tend. -1: High cloud CiSt.
	Falmouth	" Wind force 3
	Leafield	7h Bar. 1020.1 mb.
	Leuchars	Max. 64°
	Spurn Hd.	" 70°
	Clacton-on-Sea	Sunshine 8.0 hrs.
	Lympne	Grass Min. 49°
	Guernsey	18-1h Weather b
5th	Edinburgh	13h. Temp 55°
	Birr Castle	" " 68°
	Cranwell	" Bar. tendency -1
	Wick	18h Bar. 1011.5 mb.
	Leafield	" Wind dir S'W.
	Cranwell	1h Temp. 55°
	Scilly	" Wind force 3
	Ross-on-Wye	7h. Temp. 57°: Hum. 75%
	Lympne	" Bar. tend. -2.
	Nairn	Max. 58°
	Leuchars	18-1h. Weather oDrr.: Day rain 2 mm.
	Donaghadee	" " cbc.
6th	"	13h Temp. 55°
	Liverpool	" Hum. 45%
	Portland Bill	" Weather C+: Cloud am't. 8.
	Renfrew	18h " Cr-
	Cranwell	" Cloud Cu 7. ASt 8
	Leafield	" Temp. 65°
	Dungeness	" Bar. 1013.4 mb.
	Holyhead	7h " 1015.9 mb.
	Portland Bill	" Hum. 65%: Vis 8
	Bournemouth	Min. 46°
	Harrogate	Max 76°
	Cranwell	13-18h Weather bbc: 1-7h. cp.c
	Winchester	7-13h " bcy: 18-1h. cbccr
	Scilly	Night rain began <21.00
	Plymouth	18-1h. Weather oRrm.bc
7th	Birr Castle	13h. Weather bc+
	Holyhead	18h Temp. 60°
	Guernsey	7h Wind dir SSE.
	Cheltenham	bbcc: bc: 53°: 67°: 3mm: NIL: 8.8: 8.9
7th	Edinburgh	7-13h Weather cprbc: 13-18h. bc
	Eskdalemuir	Night rain began 1.30
	Spurn Hd.	Min. 53°
	Roches Pt.	Day rain began 12.30
	Ross-on-Wye	7-13h. Weather bbccp.
	Winchester	1-7h " bcco fefe
	Croydon	Day rain began 17.30
	Clacton-on-Sea	Sunshine 9.0 hrs.
8th	Plymouth	13h Hum. 65%: 18h. Total cloud 6.
	Liverpool	7h Bar. 1014.2 mb
	Scilly	" Weather c/f.
	Ilfracombe	bcb: bbc: 57°: 70°: 1mm: NIL: 8.4: 7.4.
	Littlehampton	Weather forenoon:- bcb
9th	Eskdalemuir	13h Wind S: 18h. Wind S'W
	Stornoway	18h Temp 58°
	Westminster	83°: 60°: 53°: Trace: 43%: 73%
	Regents Park	Suns. 7.1 hrs.
	S. Kensington	13.8h 8th: <0.3 13h 8th
	Greenwich	19.15-4.30: 9h.15m
	"	5.42: 62%: 5.34-60%
	Croydon	7h Bar. 1017.3 mb
	Scilly	" Temp. 61%
	Stornoway	Night rain began 3.30
	Eskdalemuir	18-1h Weather oirm.
	Holyhead	13-18h " ct: 18-1h. rrr.R
	Gorleston	Grass min. 57°
	Valentia	18-1h Weather cp: Night rain began 24.00
	Leafield	Max 78°.
	Dungeness	Min 55°.
10th	London	13h Bar. 1017.8 mb
	Harrogate	18h Wind force 3.
	Greenwich	Closed 4.30. Exposure 9h.15m.
	S. Farnboro'	7h. Wind dir. SW'S
	Wick	Day rain began <8.00
	Holyhead	1-7h Weather bcy.r.
	Harrogate	Grass min 45°: Sunshine 0.1 hrs.
11th	Lerwick	13h. High cloud CiCu: 18h Wind W.
	Dungeness	18h Cloud height 1500'
	Greenwich	Closed 4.30: Exposure, 9h.15m.
	Leafield	7h Wind dir SWW
	Harwich	Min. 51°
	Bude	wbc: cbc: 57°: 65°: 1mm: NIL: 2.7: 7.0:
	Cranwell	13-18h Weather cjpd.: 18-1h. cbc: 1-7h. bcc
	S. Farnboro'	Sunshine 4.2 hrs.
12th	Harrogate	Cloud StCu 3 Total 3 18h
	Cranwell	7h Visibility 1
	Bognor	Max 69°
	Renfrew	18-1h Weather bc
	Edinburgh	Grass min 39°
	Blackseal Pt.	Day rain 0.2 mm.
	Chester	1-7h Weather bFFbf: Min. 41°
13th	Pembroke	13h Bar 1023.9 mb
	Leafield	" High cloud CiSt. (<1)
	Lerwick	18h Hum. 92%
	Guernsey	" Temp. 61°
	Dungeness	1h " 59°
	Llandudno	Max 64°
	Chester	7-13h Weather fbbcm.
14th	Edinburgh	13h Vis. 7
	Cranwell	- Ground 0
	Lerwick	18h Vis. 8
	Malin Hd	- Weather bc+
	Renfrew	- Bar 1025.0 mb: Wind dir. S.
	Leafield	- Wind dir. E'N
	Dungeness	" High Cloud CiSt.
	Cheltenham	Sun. (to 17h) 10.1 hrs.
	Bude	Min 40°: Sun (to Sunset) 9.2 hrs.
	Lerwick	Sunshine 2.6 hrs.
	Birr Castle	Min 55°
	Chester	7-13h Weather bFmm.
	Southampton	13-18h " by
15th	London	13h Bar tend -1
	Falmouth	- Low cloud Cu 4.
	Guernsey	- Bar. 1023.4 mb.
	Tiree	18h " 1024.7 mb.
	Leuchars	- Wind force 3
	Gorleston	1h " dir. NE'E
	Edinburgh	7h Weather Cfc: Total cloud 9.
	Dungeness	" Temp 55°
	Cheltenham	Sun. (to Sunset) 10.5 hrs.
	Ilfracombe	Max 62°
	Bognor	Sun (to 17h) 10.1 hrs
15th	Tiree	Max 63°
	Chester	13-18h Weather bccm.: 18-1h cm.b.
16th	Birmingham	13h Bar 1029.3 mb.
	Dungeness	" Wind force 4
	Clacton-on-Sea	18h " dir. ENE
	Westminster	66°: 54°: *: NIL: 49%: 89%
	Camden Square	c: cbc: 66°: 53°: NIL: 80%
	Greenwich	19.0: 44S: 9h 45m.
	"	4.49-49°: 4.39-48°
	Lerwick	7h. Cloud height 2500'
	London	" Bar. 1027.9 mb
	Cheltenham	Sunshine (to 17h) 2.2 hrs.
17th	Holyhead	13h Total cloud 9.
	Dungeness	1h Temp. 49°
	Valentia	7h Vis. 7
	Dungeness	" Wind dir. NNW.
	Cheltenham	Sunshine (to Sunset) 2.2 hrs.
	Leuchars	1-7h Weather corrm.
	Falmouth	Sunshine 6.0 hrs
18th	Birr Castle	13h Vis. 9
	Wick	18h Weather or
	Dungeness	" " C+
	Blacksod	1h Hum. 65%
	Renfrew	7h Wind dir WSW
	Roches Pt.	" Bar. tendency -3
	Harwich	Min. 50°
	Renfrew	7-13h ordd
	Holyhead	Day rain 2 mm.
	Gorleston	Max 68°
19th	Lerwick	13h. Bar 1007.1 mb: tend. +14: Wind SW.
	Chester	" Weather C-
	Dungeness	" Vis 7
	Guernsey	18h. Temp. 59°: Hum 92%: No cloud.
	Renfrew	7h. Vis. 6
	Harrogate	" Hum. 92%
	Bath	Sunrise (to 17h) 8.6 hrs
	Cheltenham	" " 5.2 "
	Penzance	" " 7.2 "
	Torquay	" " 8.6 "
	Margate	" " 10.2 "
	Lerwick	1-7h Weather cirbc
	Tiree	Max 53°
	Ross-on-Wye	Day Rain Trace began 17.30
	Dungeness	Max 68°
20th	Tynemouth	13h Bar. tend. -1
	Stornoway	18h Bar. 1015.8 mb.
	Donaghadee	" Low cloud CuNb 2.
	Spurn Head	" Wind dir. WNW
	Wick	7h Weather bclpr
	Chester	" " bc-
	Cranwell	" Bar. 1023.8 mb
	Spurn Hd	" Sea dist. 2
	Gorleston	" Wind WNW: Total cloud 2
	Bath	Sun (to Sunset) 8.6 hrs
	Cheltenham	" " 5.2 "
	Torquay	" " 8.9 "
	Cranwell	7-13h Weather bbc
	Roches Pt.	18-1h " cvbcb
	Winchester	Sunshine 8.1 hrs
	S. Farnboro'	7-13h. Weather d.cm.bcy
	Plymouth	13-18h " bcybv
21st	Donaghadee	13h Low cloud CuNb.
	Pembroke	" Weather C+: Cloud am't 8: Temp 59°
	Croydon	" Hum 55%
	Dungeness	" Temp 63°
	Nairn	18h Cloud height 2500'
	Lerwick	1h Temp 45°: 7h Weather bc
	Pembroke	" Bar tend +1: Temp. 50°
	Spurn Hd	7h Wind NW.
	Cranwell	" " NW'W
	Dungeness	" Bar 1025.7 mb
	Guernsey	" Hum 75%
	Lerwick	Sunshine 2.1 hrs.
	Malin Hd.	Night rain began 22.00
	Leuchars	1-7hr Weather bbcxc
	Cranwell	7-13hr " bc
	Southampton	Max 65°
	Dungeness	" 65°
	Guernsey	18-1hr Weather b
22nd	Donaghadee	13h Temp 56°
	Leafield	" Total cloud 5
	Lerwick	18h Wind force 3

‡ The barometric change is expressed in half millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON

BRITISH SECTION. CORRECTIONS AND ADDITIONS, September 1928.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
22nd	Dungeness	18h. Hum. —
	Portland Bill	1h. " 55°
	Malin Head	7h. High cloud CiCu
	Chester	" Bar 1030·2 mb
	Spurn Hd	" Sea dist. 3
	Birmingham	" Bar 1029·8 mb
	Falmouth	" Wind dir. NNE
	Dungeness	" Weather bc/d.
	Southport	Min. 45°
	Margate	" 48°
	Leuchars	13-18h Weather bcc,b
23rd	Wick	13h. Total Cloud 8
	Felixstowe	" Temp 59°. Hum. 45%
	Greenwich	18·45 - 5·0: Exposure 10h 15 m. 9·0, 88%: 8·54, 87%: Weather morn^g by
	Westminster	62°: 45°: 39°: NIL: 55%: 97%
	Pembroke	1h. Weather b-
	Ross-on-Wye	7h Wind dir. N'W.
	Deal	Sunshine (to 17h) 8·0hrs.
	Liverpool	Max. 53°
	Winchester	7-13h Weather bbcy
	S Farnboro'	18-1h " bbm.
	Croydon	Max 60°: Day rain began 15·30
	Plymouth	Min. 45°
	Dungeness	Max 61°
24th	Spurn Hd.	13h Cloud Cu 4 CiSt 8.
	Winchester	" Cloud height 2500'
	Dungeness	" Bar. 1021·7 mb
	Pembroke	18h Bar. tend. -5: Temp. 50°: cloud height 2500
	Tynemouth	7h Sea dist. 2
	Harrogate	" Cloud --:-:0: CiSt 8.
	Shoeburyness	" Wind dir. NW'W
	Scilly	" " force 2
	Dungeness	" Bar. 1013·3
	Dover	Sunshine (to Sunset) 9·7 hrs.
	Tynemouth	Night rain 0·1 mm.
	Pembroke	Max 58°
	S. Farnboro'	7-13h Weather ommc
	Shoeburyness	18-1h. " " c
25th	Tynemouth	13h Cloud Cu 6: Weather bc
	Holyhead	" High cloud Aci.
	Spurn Hd	18h. low cloud amt 4
	Valentia	1h. Wind E: Hum. 85%: Vis 8.
	Lerwick	7h Bar. 1016·9 mb
	Eskdalemuir	" " 1015·2 mb.
	Pembroke	" Temp 49°
	Dungeness	" low cloud amount 8.
	Harwich	Weather Aft. bccur: Day rain Trace.
	Ilfracombe	Min 50°
	Valentia	Grass Min —
	Pembroke	Min. 48°
25th	Ross-on-Wye	Night rain 3 mm.
	Leafield	7-13h Weather crc
	Winchester	18-1h " crcorl
	S. Farnboro'	18-1h " cpcor
	Croydon	1-7h " orrcmm
26th	Valentia	1h. Bar. 1018·6 mb
	Harrogate	Min. 45°
	Valentia	Grass Min. —
	Roches Pt.	18-1h Weather cvbcw
	S. Farnboro'	" " bcbm.
	Plymouth	7-13h " bcvby
27th	Gorleston	13h No high cloud
	Kew Obs.	Atmos. Polln Min 0·2
	Edinburgh	1h Wind force 3
	Holyhead	7h Sea dist. 0
	Cheltenham	Sunrise (to 17h) 5·1 hrs
	Harwich	Weather afternoon dcbc
	S. Farnboro'	13-18h. Weather ybc
28th	Wick	13h " c/PR
	Holyhead	" Bar. tendency -3
	Leafield	" Wind dir ESE
	Holyhead	18h High cloud CiSt.
	Liverpool	" Bar. 1008·5 mb
	Harrogate	" Weather mc+
	Plymouth	" Total cloud 9
	Greenwich	Night Rain 0·3 mm.
	Falmouth	1h Wind force 3
	Cheltenham	Sunshine (to Sunset) 5·2 hrs.
	Holyhead	18-1h Weather crcrc
	Liverpool	Grass Min. 46°
	Shoeburyness	Sunshine 9·5 hrs.
29th	Tiree	13h Hum. 65%
	Eskdalemuir	" Cloud height 2500'
	Donaghadee	18h Hum. 55%
	Chester	" Weather crr.
	Birmingham	" " orr.
	Gorleston	" Bar. tendency +1
	Pembroke	" Weather cr; Temp. 52°: Hum 97%
	Dungeness	" Sea dist. 5
	Greenwich	Night rain 0·3 mm.
	Leuchars	7h Bar. tendency +1
	Eskdalemuir	" Hum 97%
	Tynemouth	" Bar 1016·0 mb.
	Dungeness	" Total cloud 7: Weather bc
	Margate	Sunshine (to 17h) 0·0 hrs.
	Leuchars	7-13h Weather cipr,bc: 13-18h bcvipr.
	Chester	18-1h " crm.
	Spurn Hd.	Max 58°: Sunshine 0·6 hrs.
	Valentia	Grass Min. 47°
30th	Malin Hd.	13h Bar. 1018·4 mb.
	Renfrew	" " 1017·1 mb.
30th	Spurn Hd.	13h. Clouds. CuNb. 6. ASt 9
	Birmingham	" Weather mmo: 18h mmo.
	Gorleston	" Wind force 3
	Leafield	" " " 3
	Guernsey	" Bar. 1008·1 mb.
	Dungeness	18h Wind NE: Temp. 57°
	S. Kensington	Poll: 0·5, 9h 29 µ: <0·3 2h 30th
	Westminster	59°: 45°: 42°: NIL: 77%: 69%
	Greenwich	18·30, 5·15: Exposure, 10h 45 m
	"	0·17; 3% 0·12; 2%
	Malin Hd.	7h Hum. 65%
	Spurn Hd.	" Wind dir N'E
	Malin Hd	18-1h Weather bcpcbcc
	Renfrew	Grass Min. 23°: Sun. 9·5 hrs.
	Birr Castle	Max 55°
	Holyhead	Grass Min 44°
	Portland Bill	Max 58°

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9	SUMMARIES FOR THE PAST 24 HOURS. WEATHER. 7h.-13h.	WEATHER. 13h.-18h.	WEATHER. 18h.-1h.	WEATHER. 1h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h.	RAINFALL.† Night. 18h.-7h.	RAINFALL.† Precipitation began.	SUN. Hours.
8th	Blacksod. Pt. 7h	1010·9	+2	SW	3	bc	57	85	7	*	CuNb	7	-	7	2				p.c	61	54	*		1	*	*

‡ The barometric change is expressed in half millibars.