M.O. FORM 2373

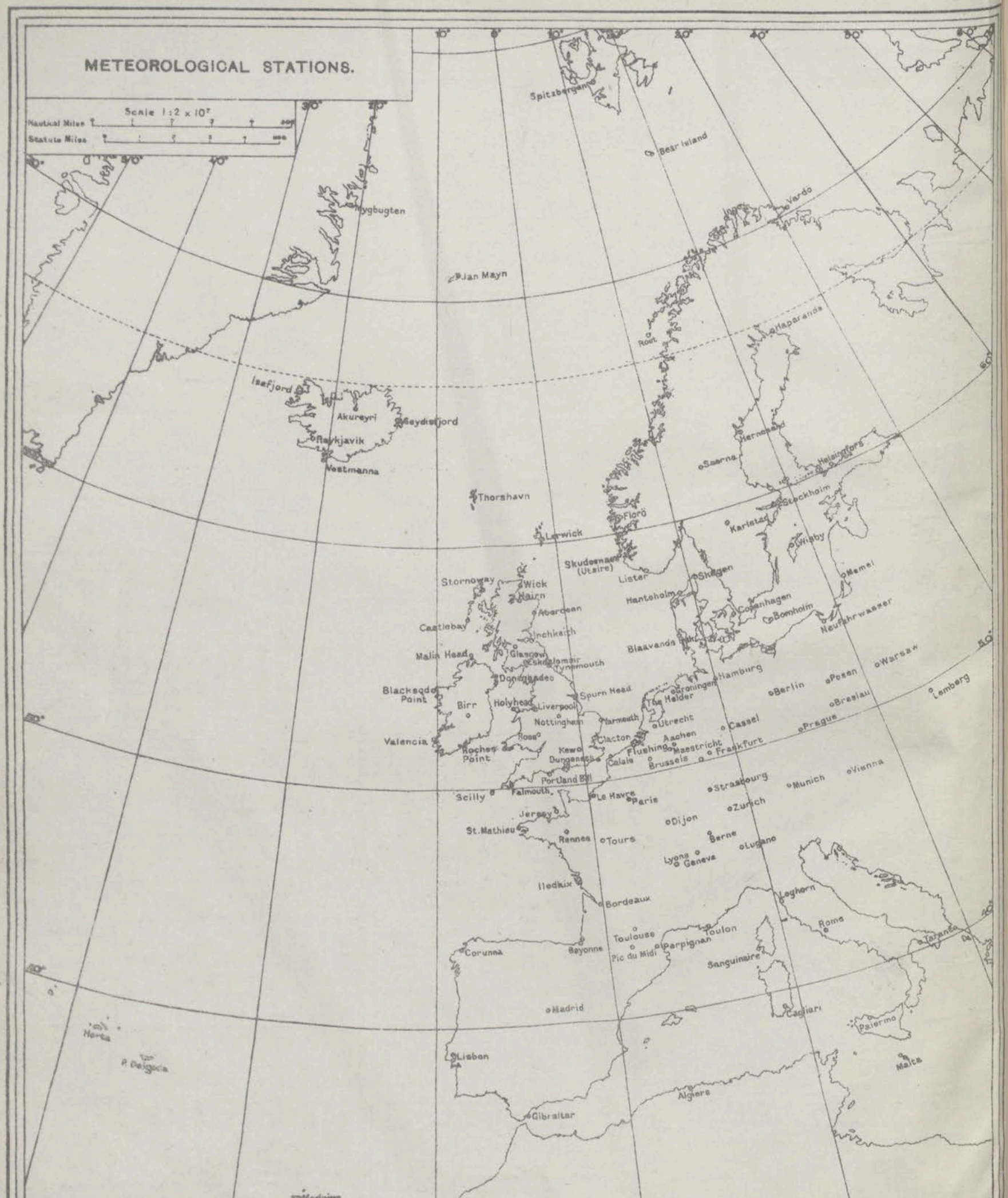
AIR MINISTRY.

METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

1ST JULY TO 30TH SEPTEMBER, 1923.



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

2071

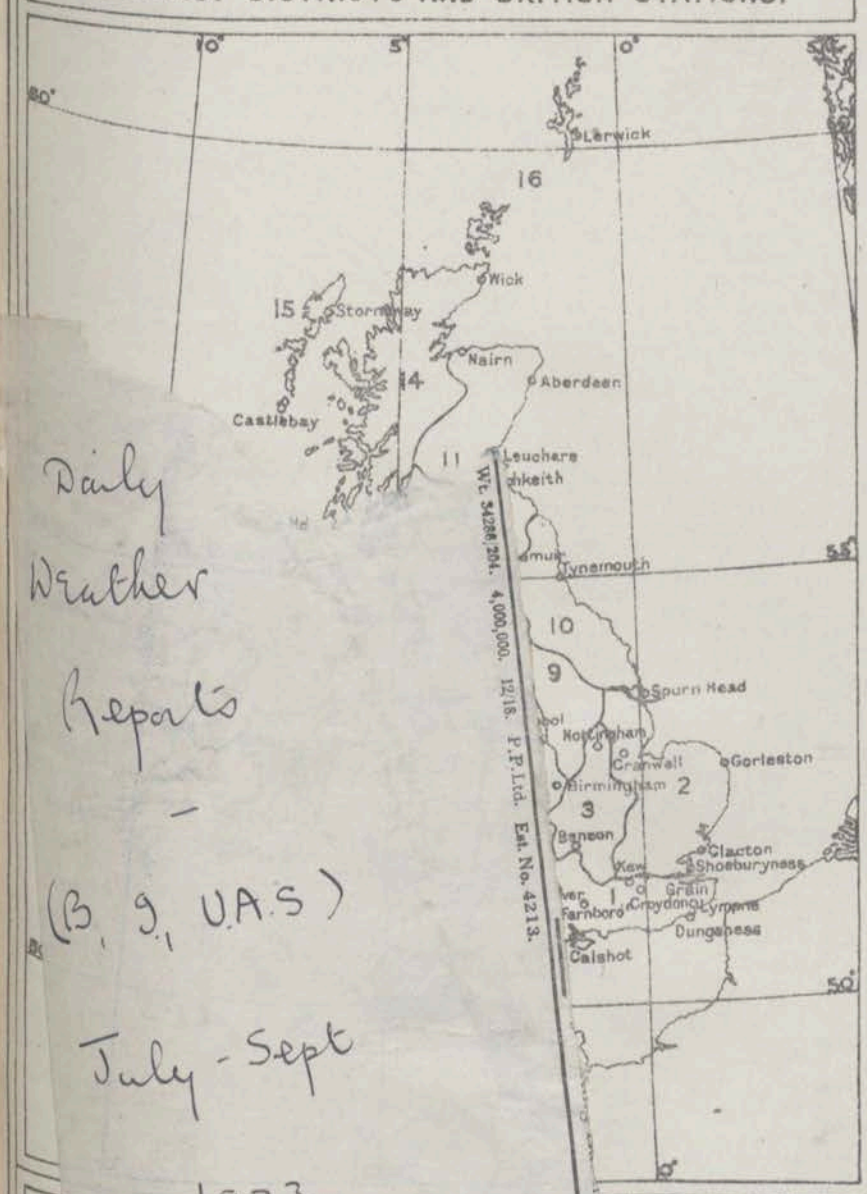
Daily Weather Reports

(B, 9, U.A.S)

July - Sept

1923

FORECAST DISTRICTS AND BRITISH STATIONS.



STATIONS USED FOR UPPER AIR SUPPLEMENT.

THE BEAUFORT SCALE OF WIND FORCE.

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

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
be sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
p precipitation within sight of station.
p passing showers r rain.
s snow. ra sleet t thunder.
v unusual visibility. y dry air.
z dust haze ; the turbid atmosphere of dry weather.

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

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

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

R = heavy rain.
rr = continuous moderate rain.
rororr = continuous light rain.

GALE WARNINGS.

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

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

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

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

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

▼ South Cone hoisted
▲ North " "

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

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

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

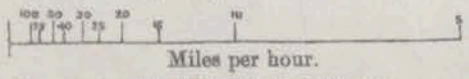
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

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

GEOSTROPHIC WIND SCALE FOR

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



Miles per hour.

This scale applies under the following conditions:—
Pressure, 1,015 mb. Temperature, 283° A=50° F. Latitude, 55°.
Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree *above* 55°. From Latitude 55° to Latitude 45° add 1½% for each degree *below* 55°.

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

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

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

Maximum and Minimum Temperatures entered in the British Section for Liverpool (Bidston) since 1st March, 1921 have been for the 22 hour period commencing at 9 a.m. the previous day.

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

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

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

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

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

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

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

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

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

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

Upper Winds.—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 1,000 feet, 3,000 feet, and 6,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

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

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

Note.—Ships' Reports.

SEA DISTURBANCE.

0 No or slight swell.
1 Moderate swell.
2 Heavy "
3 Long low "
4 Confused "
} and } Sea smooth to moderate.

5 No or slight swell.
6 Moderate "
7 Heavy "
8 Long low "
9 Confused "
} and } Sea rough or above.

DAILY WEATHER REPORT. APPENDIX I.

NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

THIRD QUARTER, JULY TO SEPTEMBER.

(Issued as a Supplement to the Daily Weather Report of October 1st.)

	STATIONS.	PRESSURE 1906–1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE. Means of 1906–1915. Dry Bulb 7 a.m.	Means of 1881–1915. Daily Maximum.	Means of 1881–1915. Daily Minimum.	Absolute Extremes. 1881–1915. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL 1881–1915. Days with Rain.	Total Fall.		BRIGHT SUNSHINE. 1881–1915. Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr.	%
JULY.	Lerwick	1012·5	51·7	57·0	48·2	70	1897, 1911	37	1888	17	58	2·29	—	—
	Stornoway	1013·1	53·5	60·2	48·9	76	1894	32	1888	21	77	3·03	4·68	27
	Castlebay (Barra Isd.)	[1013·2]§	[54·4]§	*[58·7]§	[51·6]§	[73]§	[1914]§	[44]§	[1913]§	[18]§	[69]§	[2·70]§	[5·42]§	[32]§
	Eskdalemuir	[1014·8]¶	[53·8]¶	[62·8]‖	[46·9]‖	[83]‖	[1911]‖	[34]‖	[1914]‖	[16]‖	[90]‖	[3·56]‖	[5·10]‖	[31]‖
	Malin Head	1013·4	54·5	[60·6]°	[52·3]*	[79]°	[1911]*	[42]°	[1888, 1902]°	[19]°	[72]*	[2·84]*	—	—
	Blacksod Point	1014·8	56·1	[62·2]°	[51·2]°	[80]°	[1894]°	[42]°	[1898]°	[21]°	[80]°	[3·15]°	—	—
	Valencia	1016·3	56·9	63·8	53·8	81	1911	40	1907	21	96	3·78	5·13	32
	Roche's Point	1016·5	56·6	64·7	53·7	76	1887, 1912	43	1907	15	73	2·88	—	—
	Birr Castle	1015·4	55·2	66·3	51·3	86	1911	37	1889	17	75	2·95	4·65	29
	Donaghadee	1014·6	54·5	61·2	51·8	83	1887	40	1883, 1902	17	71	2·80	—	—
	Liverpool (Observatory)	1015·1	56·6	65·7	54·2	88	1901	45	1888, 1907, 13	15	66	2·59	[6·03]§	[37]§
	Holyhead	1015·1	56·9	63·3	53·6	85	1901	43	1888	16	66	2·61	[5·87]**	[36]**
	Pembroke (St. Ann's Hd.)	1015·7	56·4	62·3	54·5	81	1911	43	1910	14	63	2·47	6·68	42
	Scilly (St. Mary's)	1016·7	57·9	64·8	56·2	78	1911	47	1910	15	56	2·22	6·97	45
	Falmouth	1017·0	58·6	65·8	55·1	80	1885	46	1897	15	72	2·84	7·26	46
	Jersey (St. Aubin's)	1017·4	60·2	68·3	56·4	87	1900, 1901	44	1907, 1909	13	53	2·10	7·94	51
	Portland Bill	1016·2	58·5	64·5	55·8	[79]†	[1901, 1912]†	[49]†	[1900, 1907]†	11	44	1·74	—	—
	Dungeness	1015·6	59·1	66·6	55·1	82	1900	40	1890	12	46	1·81	—	—
	Dover	[1015·5]§	[59·7]§	[66·7]§	[53·8]§	[87]§	[1911]§	[44]§	[1913]§	[14]§	[56]§	[2·19]§	[6·77]§	[43]§
	Wick	1012·9	52·6	60·6	48·4	80	1899, 1901	30	1886	18	67	2·63	—	—
	Nairn	1013·0	53·8	64·5	49·1	85	1901	36	1906	18	68	2·68	[4·52]‡	[27]‡
	Aberdeen	1013·5	55·1	62·8	50·3	83	1885	38	1898, 1903	17	71	2·81	5·13	30
	Leith	1013·7	55·8	65·8	51·4	83	1901	41	1887, 88, 92, 1903	16	65	2·55	—	—
	Tynemouth	1014·2	55·8	64·2	51·3	82	1911	39	1909	14	61	2·40	—	—
	Spurn Head	1014·4	57·4	65·0	54·3	86	1911	41	1888	12	45	1·78	[5·10]**	[31]**
	Yarmouth	1014·8	58·1	66·2	54·7	87	1881	42	1890	13	59	2·34	[6·45]§	[40]§
	Clacton-on-Sea	1015·5	58·8	67·7	54·7	[83]‡	[1911]‡	[40]‡	[1902]‡	11	49	1·92	7·00	44
	Nottingham	1015·2	57·0	69·7	52·2	92	1881	37	1888	15	61	2·38	5·71	35
	LONDON (Kew Obsy.)	1016·1	58·5	71·0	54·3	90	1881	43	1882, 1884	12	55	2·17	6·48	41
AUGUST.	Lerwick	1010·4	52·4	57·1	48·4	82	1910	38	1885, 95, 1909	20	76	3·01	—	—
	Stornoway	1011·4	53·3	62·0	49·0	75	1897, 1899	33	1888	22	101	3·97	4·29	28
	Castlebay (Barra Isd.)	[1012·1]§	[55·0]§	[59·3]§	[52·2]§	[75]§	[1911]§	[44]§	[1912]§	[18]§	[83]§	[3·27]§	[4·65]§	[31]§
	Eskdalemuir	[1014·0]¶	[51·8]¶	[61·8]‖	[46·5]‖	[79]‖	[1914]‖	[31]‖	[1912]‖	[18]‖	[122]‖	[4·79]‖	[4·19]‖	[29]‖
	Malin Head	1011·8	55·0	[61·0]°	[52·8]°	[80]°	[1900]°	[42]°	[1912]°	[21]°	[90]°	[3·52]°	—	—
	Blacksod Point	1013·0	56·6	[62·1]°	[53·4]°	[78]°	[1899, 1911]°	[42]°	[1887, 88, 1912]°	[22]°	[116]°	[4·58]°	—	—
	Valencia	1014·9	57·1	63·9	51·9	81	1899	42	1890, 1912	22	122	4·79	5·00	35
	Roche's Point	1015·3	56·8	64·5	53·7	78	1887	41	1912	18	96	3·78	—	—
	Birr Castle	1014·1	54·7	65·4	50·8	83	1911	35	1885, 1887	19	97	3·81	4·58	32
	Donaghadee	1013·2	54·5	61·1	51·9	78	1899	38	1886	19	84	3·32	—	—
	Liverpool (Observatory)	1014·0	56·7	65·0	53·9	87	1911	44	1885	17	78	3·08	[5·58]§	[38]§
	Holyhead	1014·0	57·5	63·4	54·0	86	1914	45	1888	17	81	3·18	[6·06]**	[42]**
	Pembroke (St. Ann's Hd.)	1014·8	57·4	62·8	55·1	82	1911	46	1912	16	80	3·15	6·16	43
	Scilly (St. Mary's)	1015·8	58·7	65·0	56·6	76	1911	48	1912	16	67	2·62	7·10	50
	Falmouth	1016·3	58·4	65·4	55·1	77	1909	44	1890	16	83	3·25	6·81	48
	Jersey (St. Aubin's)	1017·0	61·2	68·8	57·1	89	1893	45	1890, 1909	14	62	2·44	7·74	54
	Portland Bill	1015·6	59·6	65·2	56·5	[83]†	[1911]†	[47]†	[1912]†	12	54	2·12	—	—
	Dungeness	1015·4	59·7	67·3	55·5	82	1904	39	1890	13	50	1·98	—	—
	Dover	[1015·6]§	[59·9]§	[67·1]§	[54·2]§	[89]§	[1911]§	[44]§	[1911]§	[14]§	[58]§	[2·27]§	[6·87]§	[48]§
	Wick	1011·2	52·6	60·6	48·2	85	1893	30	1886	21	70	2·75	—	—
	Nairn	1011·4	53·2	61·7	48·7	86	1899	33	1885, 91, 1904	19	61	2·41	[4·13]‡	[28]‡
	Aberdeen	1012·2	54·5	62·4	49·9	81	1882, 99, 1905	33	1885	18	70	2·74	4·84	32
	Leith	1012·4	55·5	65·4	51·2	83	1893, 1906	38	1881, 1892	17	73	2·94	—	—
	Tynemouth	1013·2	55·5	64·2	51·1	83	1893	38	1912	16	70	2·75	—	—
	Spurn Head	1013·8	57·7	65·1	54·4	87	1893	45	1909	14	54	2·11	[5·55]**	[38]**
	Yarmouth	1014·7	58·1	66·3	54·2	85	1893	41	1902	14	63	2·47	[6·29]§	[44]§
	Clacton-on-Sea	1015·3	59·1	67·5	54·9	[85]‡	[1911]‡	[43]‡	[1908, 1915]‡	14	47	1·86	6·87	48
	Nottingham	1014·5	55·8	68·4	51·2	94	1911	37	1908	16	63	2·49	5·42	37
	LONDON (Kew Obsy.)	1015·8	58·0	69·7	53·5	94	1911	41	1890	13	57	2·24	6·03	42
SEPTEMBER.	Lerwick	1015·5	49·7	54·6	46·5	69	1898	34	1887, 1888	20	76	3·01	—	—
	Stornoway	1016·5	50·4	57·7	46·2	77	1906	32	1885, 1904	21	100	3·95	3·83	30
	Castlebay (Barra Isd.)	[1016·5]§	[52·8]§	[56·9]§	[50·2]§	[68]§	[1914]§	[39]§	[1915]§	[16]§	[70]§	[2·75]§	[4·00]§	[32]§
	Eskdalemuir	[1017·9]¶	[46·3]¶	[58·1]‖	[41·6]‖	[71]‖	[1914]‖	[27]‖	[1910, 11, 14, 15]‖	[12]‖	[60]‖	[2·36]‖	[4·27]‖	[34]‖
	Malin Head	1016·9	52·9	[58·9]*	[50·6]*	[84]*	[1906]*	[38]*	[1886]*	[17]*	[67]*	[2·62]*	—	—
	Blacksod Point	1017·6	54·6	[60·1]°	[51·1]°	[78]°	[1898]°	[39]°	[1899]°	[19]°	[99]°	[3·88]°	—	—
	Valencia	1018·4	54·1	61·8	51·3	79	1898, 1906	35	1899	18	105	4·14	4·43	36
	Roche's Point	1019·1	54·6	61·8	51·4	73	1895, 1906, 11, 13	39	1893	16	75	2·97	—	—
	Birr Castle	1018·5	50·9	62·1	47·0	80	1906	29	1899	15	58	2·29	4·20	34
	Donaghadee	1018·3	52·2	60·3	49·4	75	1906	36	1882, 94, 99, 1909	16	61	2·39	—	—
	Liverpool (Observatory)	1018·9	52·6	61·4	50·7	87	1906	39	1885, 1914, 15	15	61	2·41	[4·47]§	[36]§
	Holyhead	1018·5	54·9	61·0	51·8	77	1898	41	1912	15	68	2·68	[5·60]**	[45]**
	Pembroke (St. Ann's Hd.)	1018·6	54·7	60·8	52·8	74	1895	40	1885	14	69	2·73	5·00	40
	Scilly (St. Mary's)	1018·5	56·6	62·5	54·7	74	1911	44	1885, 88, 1912	15	62	2·45	5·60	45
	Falmouth	1019·3	55·1	62·1	52·7	75	1906	36	1885	15	74	2·91	5·43	44
	Jersey (St. Aubin's)	1019·3	57·7	66·0	54·6	89	1906, 1911	41	1891	14	61	2·41	6·20	50
	Portland Bill	1018·7	56·8	62·9	54·1	[75]†	[1911]†	[42]†	[1915]†	12	48	1·88	—	—
	Dungeness	1018·4	55·5	64·3	52·0	81	1906	32	1885	13	52	2·05	—	—
	Dover	[1018·5]§	[55·4]§	[63·8]§	[50·9]§	[87]§	[1911]§	[38]§	[1915]§	[12]§	[50]§	[1·96]§	[6·33]§	[51]§
	Wick	1016·2	50·1	57·8	45·9	78	1898	29	1885, 87, 1907	19	64	2·50	—	—
	Nairn	1016·7	48·9	60·4	44·9	84	1906	25	1892	17	56	2·20	[3·87]‡	[31]‡
	Aberdeen	1017·5	50·6	59·2	46·7	82	1906	30	1887	17	56	2·22	4·13	33
	Leith	1017·8	51·2	61·8	47·6	83	1898	33	1886, 1905	13	45	1·76	—	—
	Tynemouth	1018·3	51·2	60·7	47·8	88	1906	34	1885, 89, 93, 1907	13	46	1·80	—	—
	Spurn Head	1018·2	54·3	61·4	51·7	79	1899	38	1892, 1909	12	36	1·42	[5·83]**	[47]**
	Yarmouth	1018·4	54·7	62·5	51·5	80	1911	33	1885	13	50	1·96	[5·23]§	[42]§
	Clacton-on-Sea	1018·8	55·2	63·3	51·6	[79]‡	[1906]‡	[38]‡	[1904, 1915]‡	9	42	1·64	5·87	47
	Nottingham	1019·0	50·7	64·0	47·4	94	1906	30	1887	14	42	1·65	4·20	34
	LONDON (Kew Obsy.)	1019·4	52·3	64·9	49·3	92	1906	33	1887	12	48	1·87	4·83	39

* Results for 30 years, 1886–1915.
† " 16 " 1900–1915.
‡ " 15 " 1901–1915.

‡ Results for 9 years, 1907–1915.
§ " 8 " 1908–1915.
‖ " 6 " 1910–1915.

¶ Results for 5 years, 1911–1915.
** " 2 " 1914–1915.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
March, 1916.

7055—

AIR MINISTRY.

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

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

Notes on the Weather of SEPTEMBER, 1923.

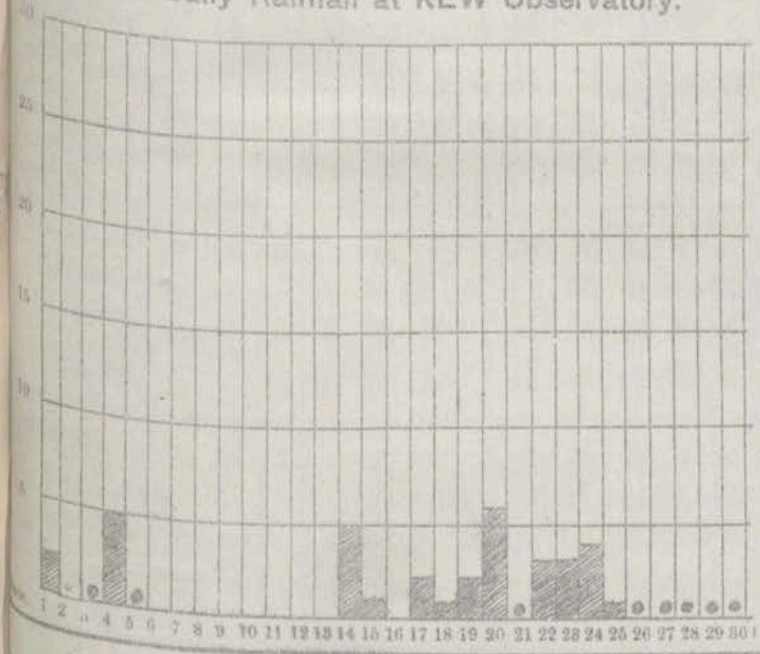
The rough, unsettled weather which prevailed in the British Isles at the end of August improved during the early part of September. Some heavy rain fell at times in the North and West but on the whole the amount of precipitation was small and sunshine records were good while temperature rose somewhat above 70° on several occasions in southern England.

During the second week, however, conditions deteriorated again. High westerly winds or gales occurred in the North on the 11th and 12th and on the 13th unsettled weather spread southeastward also. Thunderstorms developed locally on the 14th and 15th and over 20 mm. of rain were measured in several parts of England and as much as 31 mm. at Spurn Head. The supply of "polar" air brought by northerly winds from the Icelandic region caused a decided drop in temperature on the 15th and there followed a period of cool weather with maxima about 60° or even lower. Centres of depressions frequently crossed our Islands and much rain fell though in some instances the eastern districts were not affected until night time. Thunderstorms occurred in many parts on the 18th and again on the 22nd and 23rd.

High winds were experienced on some or other exposed parts of the coasts almost daily for more than a fortnight and were fairly widespread on the 17th, 20th - 21st and 23rd - 25th on each of which dates gale force was reported locally. Towards the close of the month, however, the anticyclone over France spread northward over the British Isles, causing quiet, warm but somewhat misty weather. In several districts the highest temperatures for the month were recorded on the last day.

Sunshine was above normal in London and some southern and eastern districts and rainfall deficient but in the North and West rainfall was heavy: 183 mm. were measured at Eskdalemuir.

Daily Rainfall at KEW Observatory.



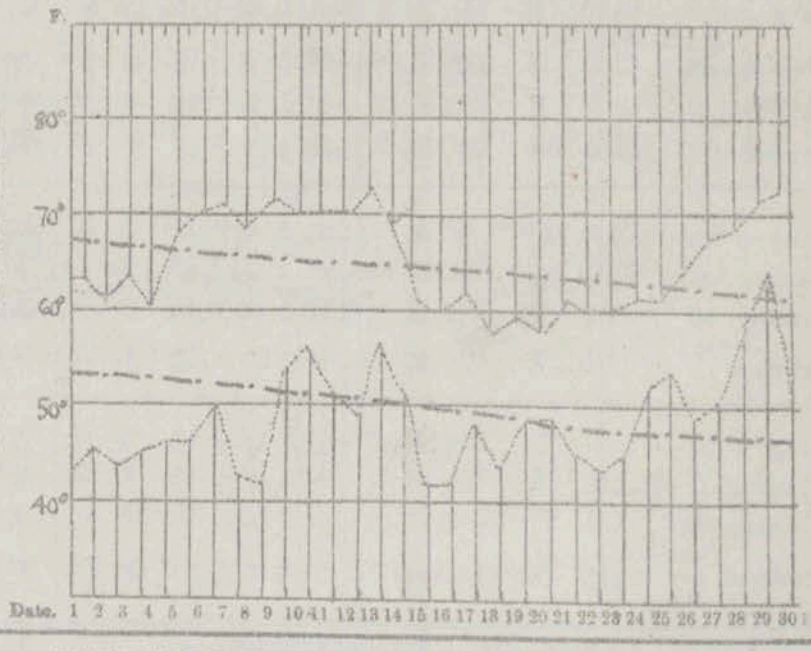
TEMPERATURE.

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

RAINFALL.

⊕ = less than ·5 mm.
Total for month 35 mm.

Daily Range of Temperature at KEW Observatory.

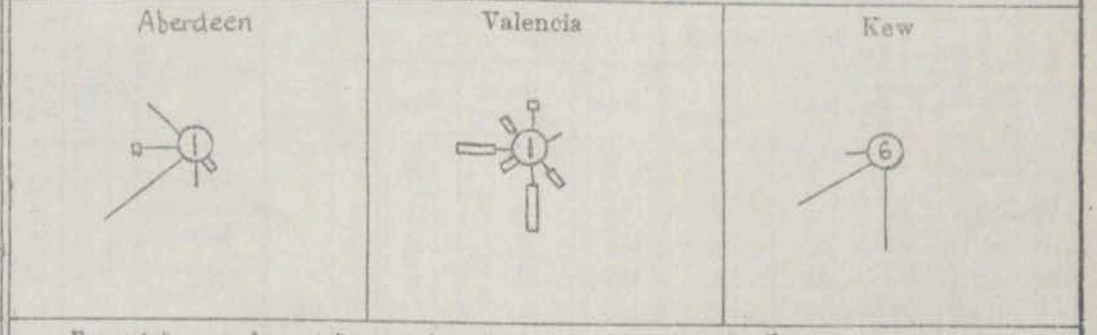


MEAN VALUES FOR THE MONTH.*

	PRESSURE Mean	PRESSURE Difference from average	TEMPERATURE Mean	TEMPERATURE Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1007.5	−7·1	52·1	−1·2
Valencia	1014·9	−1.4	54.7	−2·1
Kew	1016.0	−1.4	56.8	−0·4

* 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: 10mm. to 10 observations
The figure in the centre of the circle gives the number of calms.

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

Pa.1928/809.10.11. D8604/PC.1060. 460. 10/23.

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

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

	Temperature. Number of daily readings within fixed limits. † Maximum. 42 – 50	51 – 59	60 – 68	69 – 77	Normal Max.	† Minimum. 24 – 32	33 – 41	42 – 50	51 – 59	60 – 68	Normal Min.	Extremes—Warmest and Coldest. Days. Highest Max.	Date.	Lowest Max.	Date.	Nights. Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.	Low Cloud. Number of observations within fixed limits. 7h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	13h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	18h. Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.
					°F.						°F.	°F.		°F.		°F.		°F.											
Stornoway ...	1	29	0	0	57·7	0	7	20	3	0	46·2	59	6, 7, 26	50	16	55	9	34	3	*	18	11	0	15	14	0	19	11	0
Aberdeen ...	1	16	11	2	59·5	0	10	14	6	0	46·6	73	30	49	21	56	28	35	20	3	1	18	1	1	26	1	3	23	1
Edinburgh ... (Inchkeith)	0	26	4	0	*	0	0	19	11	0	*	66	30	53	17, 19, 20, 21, 22	56	28	43	3, 20	0	*	*	*	*	*	*	*	*	*
Renfrew					*						*																		
Eskdalemuir ...	2	28	0	0	*	2	14	8	6	0	*	59	2, 7, 28	49	17	53	28, 30	27	3	3	12	17	1	8	21	1	10	20	0
Dublin ... ... (Phœnix Park)	0	10	16	4	61·9	0	10	13	7	0	46·1	73	30	53	15	54	29	34	24	0	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	14	14	2	62·1	0	7	12	11	0	47·0	71	29, 30	54	15, 17, 24	57	29	38	24	2	2	28	0	0	30	0	0	30	0
Valencia ... ... (Cahirciveen)					61·8						51·3																		
Tynemouth ...	1	14	14	1	60·7	0	1	18	11	0	47·8	74	30	50	21	58	28	41	3	0	10	11	0	5	21	0	8	18	0
Holyhead ...	0	16	14	0	61·0	0	0	11	19	0	51·8	63	5, 30	54	23	56	7, 28	45	8	0	4	21	4	2	27	1	3	22	3
Liverpool ... (Bidston)	0	16	13	1	61·4	0	0	20	10	0	50·7	73	30	54	21	55	7, 30	44	16, 23	0	0	26	0	0	30	0	1	24	0
Nottingham ...	0	8	20	2	64·0	0	6	18	6	0	47·4	72	29	55	19	55	7, 14, 30	38	3	0	3	19	0	1	27	1	1	22	0
Cranwell	0	7	19	4	*	0	6	20	4	0	*	72	29, 30	56	21	57	30	38	3	1	3	17	0	1	26	0	0	23	1
Gorleston ...	0	4	22	4	62·5	0	0	19	11	0	51·5	72	30	55	21	59	30	43	17	0	0	9	2	0	22	4	0	16	2
Ross-on-Wye ...	0	10	15	5	65·3	0	4	18	8	0	47·7	73	30	54	19	59	30	35	3	1	2	22	0	0	27	1	0	23	0
Benson	0	5	15	10	*	0	10	17	2	1	*	73	7, 29	58	19, 20	62	30	35	3	7	*	*	*	*	*	*	*	*	*
London ... ... (Kew Obsy.)	0	3	17	10	64·9	0	0	20	9	1	49·3	73	13, 30	58	18, 20	64	30	42	9, 16, 17	1	2	18	0	0	22	2	0	16	5
Croydon	0	3	17	10	*	0	1	23	5	1	*	74	13, 30	57	19	63	30	41	8	0	4	12	3	1	25	0	0	21	1
Grain	0	2	18	10	*	0	3	19	8	0	*	76	30	58	23	59	30	38	3	0	2	7	2	?	?	?	1	14	4
Lympne	0	5	17	8	*	0	4	17	9	0	*	73	10	56	23	57	30	38	16	3	3	17	1	3	23	0	2	18	1
Southampton ... (Calshot)	0	4	21	5	*	0	0	18	12	0	*	72	9	58	15	59	29	43	16	0	1	20	2	1	26	0	1	20	0
Falmouth ... (Pendennis)	0	11	19	0	*	0	0	12	18	0	*	67	7	56	17	57	29	46	16	*	2	16	11	1	10	18	1	14	13

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature	S. Farnborough Mean.	S. Farnborough No. of Reports.	Lympne Mean.	Lympne No. of Reports.	Mean.	No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1860	50	51	8	54	9		
850	4870	44	45	7	46	8		
750	8210	36	33	3	43	5		
650	11950	24	33	2	-	-		
550	16200	11	5	1	-	-		

UPPER WINDS.

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

Station.	Renfrew. 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.	Cattewater. No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	Lympne. No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.
	2,000	23	1	12	8	2	-	23	9	11	3	-	-	78	12	53	13	-	-
	5,000	9	-	2	7	-	-	9	2	6	1	-	-	39	4	16	17	2	-
	10,000	1	-	-	1	-	-	3	1	1	1	-	-	3	-	1	1	1	-
	15,000	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-

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

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

RAINFALL, HUMIDITY AND LOW CLOUD, ...SEPTEMBER.., 1923.

Equivalents of Temperature. A°.	P°.	Sunshine. Number of Days with duration. Nil.	0·1—6h.	3·1—6h.	6·1—9h.	Above 9h.	Maximum Duration. Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Rainfall. Number of days with amount. 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs. mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month.*	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
									hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...		7	9	8	3	3	9·6	7	1172	-87	103	-12	3	4	11	11	0	1	33	8	1215	-51	132	+32	0	0
Aberdeen ...		2	8	9	6	5	10·5	20	1190	-197	143	+19	14	6	2	8	0	0	15	3	838	+90	94	+38	0	0
Edinburgh ... (Inchkeith)		4	9	6	6	5	12·2	7	1385	*	140	*	17	4	6	3	0	0	8	13	470	*	37	*	0	0
Renfrew									1107	*	117	*									971	*	153	*		
Eskdalemuir ...		7	8	7	7	1	10·2	2	1111	*	101	*	5	5	9	7	3	1	33	27	1516	*	183	*	0	0
Dublin ... ... (Phœnix Park)		3	6	8	12	1	10·7	30	1393	-114	148	+9	9	5	14	2	0	0	11	17	693	-12	59	+10	0	0
Birr Castle ...		4	7	8	7	4	10·2	30	*	*	135	+9	6	7	14	2	1	0	23	17	833	+4	85	+27	0	0
Valencia ... ... (Cahirciveen)									1264	-181	120	-13									*	*	143	+38		
Tynemouth ...		*	*	*	*	*	*	*	*	*	*	*	16	6	7	1	0	0	6	24	583	-38	30	16	0	0
Holyhead ...		4	6	4	12	4	12·2	2	1470	*	159	*	11	2	12	3	2	0	21	3	785	-103	101	+33	1	0
Liverpool ... (Bidston)		1	7	10	11	1	10·4	8	1359	*	150	*	11	5	8	6	0	0	12	3	622	-87	80	+19	2	0
Nottingham ...		0	9	14	3	4	10·3	9	1068	-257	141	+15	15	4	8	2	1	0	24	14	589	+17	59	+17	3	0
Cranwell		0	6	10	9	5	11·2	6	1548	*	179	*	15	4	9	1	1	0	18	14	600	*	50	*	5	0
Gorleston ...		0	5	9	11	5	11·0	17	1675	*	189	*	15	3	11	1	0	0	6	21	512	-110	35	-15	3	0
Ross-on-Wye ...		2	7	12	4	5	12·0	6	1419	*	150	*	18	3	5	4	0	0	11	14	671	-47	55	+4	1	0
Benson		*	*	*	*	*	*	*	*	*	*	*	17	4	7	1	1	0	22	14	552	*	50	*	1	0
London ... ... (Kew Obsy.)		2	3	12	8	5	11·0	17	1427	-48	173	+28	17	3	8	2	0	0	6	20	537	-69	35	-13	1	0
Croydon		0	5	10	8	7	11·6	12	1491	*	188	*	17	4	7	2	0	0	8	20	660	*	33	*	0	0
Grain		1	4	4	13	8	11·3	6	1611	*	204	*	17	5	6	2	0	0	10	20	424	*	33	*	2	0
Lympne		1	3	4	14	8	11·7	6	1752	*	223	*	20	3	3	4	0	0	14	20	603	*	46	*	2	0
Southampton ... (Calshot)		0	3	8	13	6	11·8	{8 12	?	*	?	*	16	3	9	1	1	0	16	22	575	*	53	*	1	0
Falmouth ... Observatory		1	6	7	8	8	11·4	11	1656	-103	180	+17	16	4	5	5	0	0	13	24	1046	-61	72	-2	0	0

MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

Station.	95–100 %.	90–94 %.	80–89 %.	70–79 %.	60–69 %.	50–59 %.	40–49 %.	30–39 %.	20–29 %.
Aberdeen ...	0	0	3	4	6	12	5	0	0
Renfrew... ...	0	0	6	5	13	5	1	0	0
Eskdalemuir ...	0	4	3	7	9	7	0	0	0
Valencia... ...	0	1	6	12	11	0	0	0	0
Benson	0	0	0	7	10	11	2	0	0
London ... ... (Kew Obsy.)...	0	0	0	6	8	11	5	0	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 ...	10	18	2	0	0	0	0	0	0	0
Renfrew... ...	3	13	14	0	0	0	0	0	0	0
Eskdalemuir ...	10	13	7	0	0	0	0	0	0	0
Valencia ...	11	16	3	0	0	0	0	0	0	0
Benson	20	9	1	0	0	0	0	0	0	0
London ... ... (Kew Obsy.)	11	17	2	0	0	0	0	0	0	0
Falmouth ...	26	4	0	0	0	0	0	0	0	0

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Scaling to-day in 1300 and 1600 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer.
9=Glazed roads (ice on roads from frozen rain or melted snow).

NOTES ON CHART OF ISOPLETHS (p. 4).

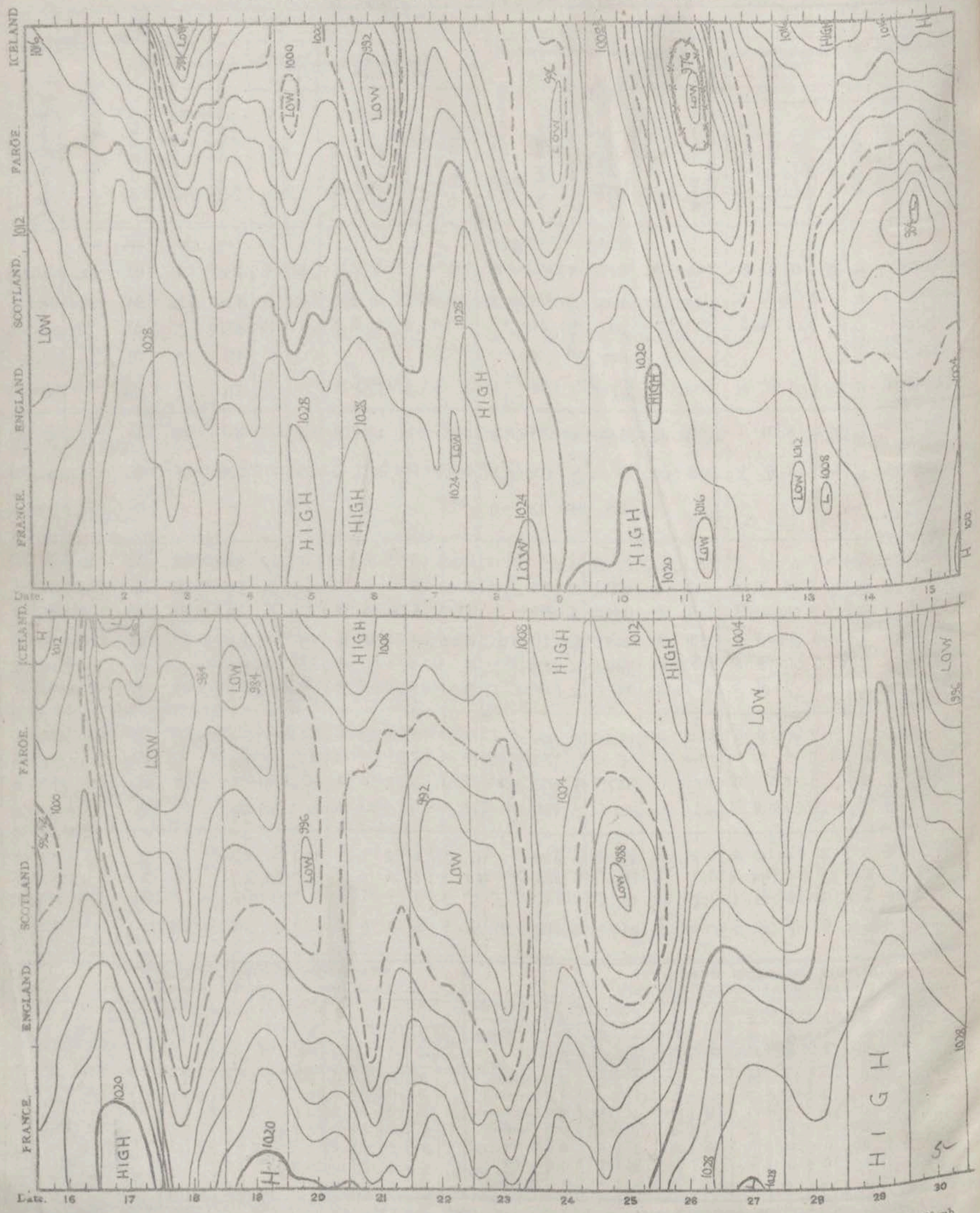
The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to show the variation of pressure from day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

* Based in part on reports made by telegraph in which the daily falls 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 1923.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22563 ...SATURDAY, 1ST SEPTEMBER 1923.

Observations at 1800 G.M.T. 31st

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of Ground.
Lerwick	1006·7	+1	NE	3	od₀	53	92	6	4000	Nb	3	ASr	10	•
Stornoway	1008·7	+2	NE	2	od₀	54	85	6	800	Nb	10	–	10	•
Wick	1006·6	+1	NW	2	o	53	85	8	2500	Cu	10	–	10	•
Castlebay	1008·7	+2	N	4	oPR	51	85	8	1500	Nb	10	–	10	•
Kairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1007·1	+1	SW	2	b	58	75	6	4000	Cu	3	–	3	1
Malin Head	1007·8	+3	NNW	5	cR–	53	75	8	4000	Nb	7	–	7	•
Renfrew	1006·2	0	NE	2	o	54	73	6	4000	StCu	9	–	9	2
Edinburgh (Inchkeith)	1006·4	+0	E	2	c+	54	75	9	–	StCu	7	–	7	•
Leuchars	1006·1	+1	E	2	bc	57	65	8	4000	Cu	3	Ci	6	0
Eskdalemuir	1006·4	0	S	2	or	51	73	7	2500	Nb	10	–	10	1
Tynemouth	1006·5	–1	SW	2	ojp	56	75	6	1500	Nb	8	–	8	•
Blackpool Point	1012·6	+1	NWIN	4	o	56	85	9	*	*	*	*	10	•
Douglas	1006·3	0	NNW	1	cr	53	85	8	1500	CuNb	7	–	7	•
Barr Castle	1012·0	+	W	2	oPR–	51	83	7	4000	Nb	9	–	9	•
Holyhead	1008·7	0	W'S	5	c/r	56	75	8	2500	Cu	8	–	8	1
Liverpool (Bidston)	1009·7	+1	W	3	c/r	53	83	8	2500	StCu	5	CiSt	7	•
Manchester (Shotwick)	1010·2	+0	W	4	cpr₀	59	65	8	2500	CuNb	8	–	8	1
Spurn Head	1011·1	0	SW	4	c+	60	85	7	4000	Cu	8	–	8	•
Birmingham (Edgbaston)	1011·9	–1	SSW	4	ctl.	53	85	8	4000	CuNb	10	–	10	2
Nottingham	1011·4	–1	W	4	opr₀	56	75	6	1500	Nb	10	–	10	•
Cromwell	1011·5	–1	SW'S	4	bc	63	65	8	4000	Cu	5	–	5	0
Gorleston	1014·4	0	SSW	4	bc+	63	45	7	4000	Cu	4	–	4	•
Valentia (Cahirciveen)	1013·5	+0	W	4	bc	57	75	8	2500	Cu	6	–	6	0
Roches Point	1014·0	0	WNW	4	opr₀	55	85	8	4000	CuNb	10	–	10	•
Pembroke (St. Ann's H.)	1013·4	0	W'S	4	bc	55	75	8	4000	Cu	4	–	4	•
Ross-on-Wye	1012·3	0	SW	2	ctl	56	65	8	4000	CuNb	7	Ci	8	1
Hanson	1013·0	–1	WSW	3	c/r	62	65	9	–	CuNb	5	A.Cu	7	1
Andover	1013·4	–1	SSW	5	cjp	62	55	9	4000	Cu	7	–	7	0
S. Farnborough	1013·8	–1	W'S	3	c+	64	55	7	2300	Cu	7	Ci	8	0
London (Kew Obsy.)	1013·4	–2	SSW	3	c	62	55	8	4000	Cu	6	Ci	7	0
Croydon	1013·9	–2	SW'S	3	bc+	63	45	9	4000	Cu	4	Ci	6	10
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Shoeburyness	1014·0	–1	WSW	3	bc+	65	55	8	4000	Cu	2	CiSc	6	•
Grain	1014·3	–3	SW	4	c+	64	45	8	4000	Cu	3	Ci	8	0
Lympne	1014·4	–2	WSW	3	o	61	73	8	4000	Cu	2	CiSr	9	0
Dover (St. Mary's)	1016·0	0	W	4	c	59	75	8	4000	StCu	8	–	8	•
Falmouth (Pendennis)	1014·9	–1	WSW	3	cdo	53	75	8	4000	CuNb	7	–	7	•
Plymouth (Cattewater)	1015·2	0	SW	5	ojp	60	65	8	1500	CuNb	7	–	7	0
Portland Bill	1014·3	0	N	4	o	57	65	7	2500	Cu	3	–	3	•
Southampton (Calshot)	1014·5	–1	SW	5	cjp	59	55	6	4000	CuNb	2	Ci	7	0
Dungeness	1015·2	0	W	3	c	60	65	8	5700	CuNb	4	CiCu	8	•
Jersey	1014·8	0	W	3	c/r	61	65	8	4000	StCu	8	–	8	•
Guernsey	1016·8	–2	WNW	2	bc	56	75	8	5700	CuNb	6	–	6	•

Observations at 1800 G.M.T. 31st

STATIONS.	Barom. at M.S.L. m.b	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	1008·4	+2	NNE	3	od+	52	92	5	4000	Nb	10	–	10	2
Stornoway	1008·7	+1	N	4	opr₀	52	85	6	800	Nb	10	–	10	3
Wick	1007·2	+1	–	0	o	52	85	8	2500	CuNb	5	A.St	9	0
Castlebay	1010·2	+2	NNW	4	c/r	54	85	8	1500	CuNb	5	CiSt	7	4
Kairn	1008·0	*	NW	2	c+	52	85	8	1500	StCu	7	–	7	•
Aberdeen	1008·0	+1	SE	1	b	50	92	7	4000	StCu	1	Ci	2	0
Malin Head	1009·8	+2	NNW	5	c	53	85	8	5700	Nb	6	Ci Cu	8	4
Renfrew	1007·6	+2	N	2	or₀	51	92	8	4000	StCu	10	–	10	•
Edinburgh (Inchkeith)	1006·9	+1	E	1	c	54	75	8	–	Cu	4	Ci	7	1
Leuchars	1006·9	+1	E	1	bc	54	85	8	4000	Cu	1	Ci	5	•
Eskdalemuir	1007·5	+1	–	0	o/r	48	85	8	2500	StCu	9	–	9	•
Tynemouth	1008·2	+1	W	1	c/r	53	85	6	4000	CuNb	3	A St	7	1
Blackpool Point	1014·3	0	WNW	5	o	53	85	8	*	*	*	*	10	4
Douglas	1009·4	+2	NNW	3	bc	53	85	8	1500	St	3	A.Cu	5	3
Barr Castle	1012·4	+	NW	2	cd₀	54	85	7	2500	Nb	8	–	8	•
Holyhead	1010·4	+1	W	5	c/r	54	85	9	2500	StCu	7	–	7	4
Liverpool (Bidston)	1010·0	+1	WSW	3	bc/r	51	85	9	2500	Cu	3	CiSt	6	4
Manchester (Shotwick)	1010·3	0	W	4	o/r	53	85	8	2500	8Cu	7	Ci	9	•
Spurn Head	1010·4	0	S	3	b	57	75	7	–	–	0	A.Cu	2	2
Birmingham (Edgbaston)	1011·3	–1	SSW	3	ojp	57	85	8	4000	CuNb	5	Ci	6	•
Nottingham	1010·3	0	W	3	b–	55	75	7	1500	CuNb	2	Ci	3	•
Cromwell	1011·5	–1	SW	3	bc	55	85	8	2500	StCu	3	A.Cu	4	•
Gorleston	1013·2	–1	SbyW	4	c+	58	75	7	2500	Nb	3	CiSt	7	4
Valentia (Cahirciveen)	1015·1	+1	NW'N	5	bc	56	75	9	2500	StCu	5	A.Cu	6	3
Roches Point	1013·4	0	NNW	4	opr₀	55	85	8	4000	CuNb	10	–	10	0
Pembroke (St. Ann's H.)	1013·0	–1	WbyS.	4	b	55	75	8	4000	Cu	3	–	3	4
Ross-on-Wye	1011·9	0	SW	2	c–	57	65	9	4000	CuNb	5	Ci	7	•
Hanson	1012·1	0	WSW	2	bc	57	75	9	–	Cu	5S	–	3	•
Andover	1013·0	0	WbyS.	3	c/r	54	85	8	4000	Cu	8	–	8	•
S. Farnborough	1013·0	0	W.byS.	2	o	56	85	8	4000	CuNb	2	A.Cu	9	•
London (Kew Obsy.)	1012·6	0	SSW	3	c–	59	65	8	2500	StCu	4	A.Cu	7	•
Croydon	1013·3	0	S.W.	3	ojp	55	75	8	2500	StCu	9	–	9	•
Clacton-on-Sea	1012·4	–1	S.	4	c+	60	75	7	2500	Cu	2	Ci	7	2
Shoeburyness	1013·0	0	S.W.	1	c+	57	65	8	2500	Cu	4	A.St	7	•
Grain	1013·5	+1	SSW	4	ojp	57	65	9	2500	Nb	3	Ci	8	0
Lympne	1013·5	–1	WSW	3	bc	55	75	8	4000	Cu	3	A.St	6	•
Dover (St. Mary's)	1016·1	0	W	5	c	55	85	8	4000	Cu	7	–	7	4
Falmouth (Pendennis)	1014·1	–1	W	3	bc	57	65	8	5700	Cu	4	–	4	0
Plymouth (Cattewater)	1014·5	–1	NW	2	cbr₀	54	85	9	1500	CuNb	7	–	7	0
Portland Bill	1013·4	+1	W	3	bc+	57	65	7	–	–	0	A.Cu	5	3
Southampton (Calshot)	1015·5	0	SW'W	3	bpr₀	57	65	8	4000	CuNb	6	–	6	0
Dungeness	1014·2	–1	WSW	3	c+	58	65	8	5700	Cu	2	Ci Cu	8	3
Jersey	1014·3	0	W.	3	b	58	75	8	–	–	0	A.Cu	1	3

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 1ST.								YESTERDAY.	TO-DAY.	
Kew	18	bcy	oyCpc	bwbnw	*	*	34	tra	tra	8·7	*	*
Croydon (24 hours ended 0700)	244	bwbcy	bcym	obbcw	*	*	37	0·6	1	9·6	*	*
Greenwich (Royal Obsy.)	149	bc	bcco	ob	68	43	29	–	–	9·8	47	75
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	7·4	*	*
Westminster (St. James' Pk.)	27	*	*	*	64	44	38	–	–	8·8	50	73
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	7·4	*	*
Camden Square	110	bbc	coc	*	67	44	40	–	–	*	*	79
Kensington Palace	80	cbc	c	*	66	43	35	–	–	*	65(18h)	80
Hampstead Observatory	450	*	*	*	62	42	35	–	–	8·1	*	86

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1000 G.M.T. 31st

South Kensington

Max.	Time.	Min.	Time.
0·3	30th 21h	<0·3	31st 0-4h
0·6	31st 7h		

Kew Observatory

Max.	Time.	Min.	Time.
0·3	30th 21h	<0·3	rest of day
0·3	31st 7h		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 31st 20h 59m. to 1st 04h 00m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·0	8·0	100
δ Ursae Minoris	8·0	7·55	99

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT UKITOOM.

Time.	Type.	No. per sec.	Stren.	Direc.
18h.	–	–	–	–
19h.	–	–	–	–
20h.	–	–	–	–
21h.	–	–	–	–

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

1ST & 2ND SEPT. 1923

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·3 / 5·7	11·53 / 11·53	6·41 / 6·39
Greenwich	5·14 / 5·16	12·0 / 12·0	6·46 / 6·44
Wick	3·13 / 3·15	12·12 / 12·12	7·11 / 7·9
Valencia	5·54 / 5·56	12·14 / 12·41	7·28 / 7·26

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition or letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain.
rorororro = continuous light rain.

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.

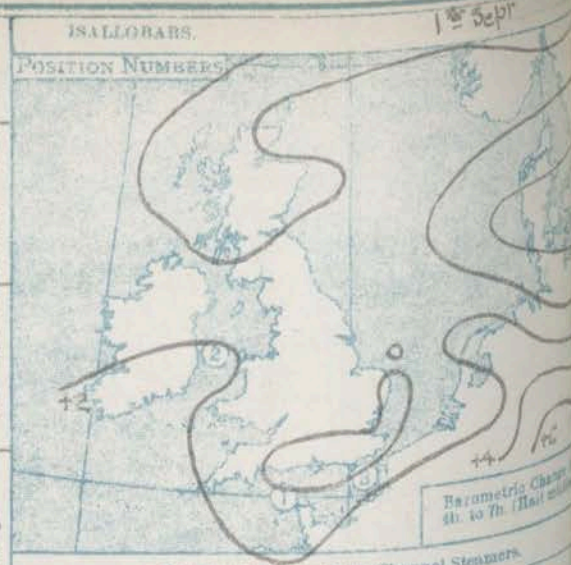
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

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

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

M.O. Form 2370.

Stations.	Weather. 7h.-13h. 31st	Weather. 13h.-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.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 31st Hours.
Lerwick	od	o	od	omr	53	48	•	trace	4	<0800	2400	0.0
Stornoway	oo	p.	p	oo	56	47	•	4	2	0900	-	1.2
Wick	oo	oo	oir.	oir.	55	46	•	0.5	1	13.30	2400	•
Castlebay	op	o P.c.	copc	copc	55	49	•	5	2	-	-	1.2
Nairn	d.c.bc.	bc.cg.	cgiR	irog	59	46	•	0.2	3	<08.00	-	7.8
Aberdeen	bcb	bcm.b	b.bw	bw	58	41	37	-	-	-	-	8.9
Malin Head	coiR	cov.	coir	coir	55	48	•	6	4	<0800	<2100	5.0
Renfrew	oco	o.c.or.	bmo	or.o	57	42	32	0.1	0.1	<08.00	-	3.8
Edinburgh (Inchkeith)	bc	c	c	oom	57	47	43	-	-	-	-	7.5
Leuchars	cbc	bc	bcbbc	bccow	57	40	24	-	-	-	-	8.9
Eskdalemuir	odoop	oPKH.opr	opro	o	54	34	32	7	0.5	<0800	<2100	2.4
Tynemouth	ir.	cp.	bc	mp.	57	46	43	1	0.3	11.00	-	•
Blacksod Point ...	p	p	p	p	53	45	•	4	0.6	-	-	•
Donaghadee	bcp	bcp.	bc	or	56	46	•	0.5	1	<08.00	0530	•
Birr Castle	copre	cpr.	co	co	48	44	37	1	0.3	<08.00	<2100	5.5
Holyhead	cprc	cpr.cv.	cbclcl	bbcc	58	52	49	0.5	trace	<08.00	2400	5.2
Liverpool (Bidston) ...	bcp.	p		d	59	48	44	2	4	13.30	<2100	8.0
Chester (Shotwick) ...	bbccpr	c.or		oPRrcm	63	43	37	trace	3	12.30	2400	7.8
Spurn Head	b-bc	c.	bbm	bbc	63	46	•	-	-	-	-	9.4
Birmingham (Edgbaston)	bcR	cRP.iH.	cbc	bcc	59	43	39	3	-	11.00	-	8.6
Nottingham	cc	p.	b	mcN	60	41	34	0.4	-	12.30	-	6.2
Cranwell	bbc	prh.b	bbc	b.bc	63	42	34	trace	-	14.30	-	10.5
Gorleston	bbc	bcq.cq.	bcco	oo	65	45	42	-	-	-	-	9.8
Valencia (Cahirciveen)	cp.bc	bc.c.bc.	b	bwbc	58	52	44	trace	-	-	-	10.3
Roches Point	bbcop	b.bc.cp.	b.bc	obw	60	47	•	trace	trace	-	-	•
Pembroke (St. Ann's H.)	b-bc	b-bc	b.bc	bbc	56	51	•	-	-	-	-	9.1
Ross-on-Wye	bcoPHbc	P.u.t.oP.	bccpbv	wbcoc	60	45	39	6	0.2	11.00	<2100	5.0
Benson... ...	bcs.cp.	bc.	bc'b	bw	64	38	29	trace	-	-	-	•
Andover	bbccy	c.cpr.	cbc	bccm	64	37	31	0.1	-	17.30	-	7.5
S. Farnborough ...	bccpre	p.c.c.o	ob	bow	64	41	•	trace	-	11.00	-	8.8
London (Kew Obsy.) ...	bcy	oy.ip.c.	cbw	bwbcwm	64	43	34	trace	trace	16.30	-	8.7
Croydon	bwbcy	bcy.rr.	obb	bcwb	64	45	37	0.6	1	15.30	<2100	9.6
Clacton-on-Sea ...	b.bc.	bc.c.	cbc	bcr	63	46	42	-	-	-	-	9.6
Shoeburyness	bbcy	b.bc.c.	bc	cbc	66	45	38	-	-	-	-	9.7
Grain	bbccy	oy.v.cv.	cyrdc	bbcwm	65	43	35	-	0.1	-	-	9.5
Lympne	bcopro	o.c.bc.	bcco	ocbcw	61	41	29	trace	trace	<08.00	-	7.8
Scilly (St. Mary's) ...	bcc	c	bc	bc	61	53	•	-	-	-	-	9.2
Falmouth (Pendennis)	bccp	bcp.bc	bc	bc	58	49	•	5	0.5	11.00	2200	8.2
Plymouth (Cattewater)	bcp	bcp.	bcp	bcpr	61	44	38	2	4	<08.00	<2100	6.3
Portland Bill	b-bc	b-bc	b.bc	bc	60	53	•	-	2	-	<2100	•
Southampton (Calshot)	cbcypr	bcp.o.	bcjpbw	owbcw	61	45	41	trace	-	16.30	-	11.0
Dunganess	c	c	c	c	62	44	•	trace	-	<08.00	-	•
Jersey	op.oc.o	o.c.bc.	bcb	b	62	50	•	trace	-	08.00	-	7.3
Guernsey	c		c	cbc	59	51	•		-		-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	31st 1600	Cambria	WSW	5	bc	56	54
1	" 1100	Ibex	NNW	3	bv	57	59

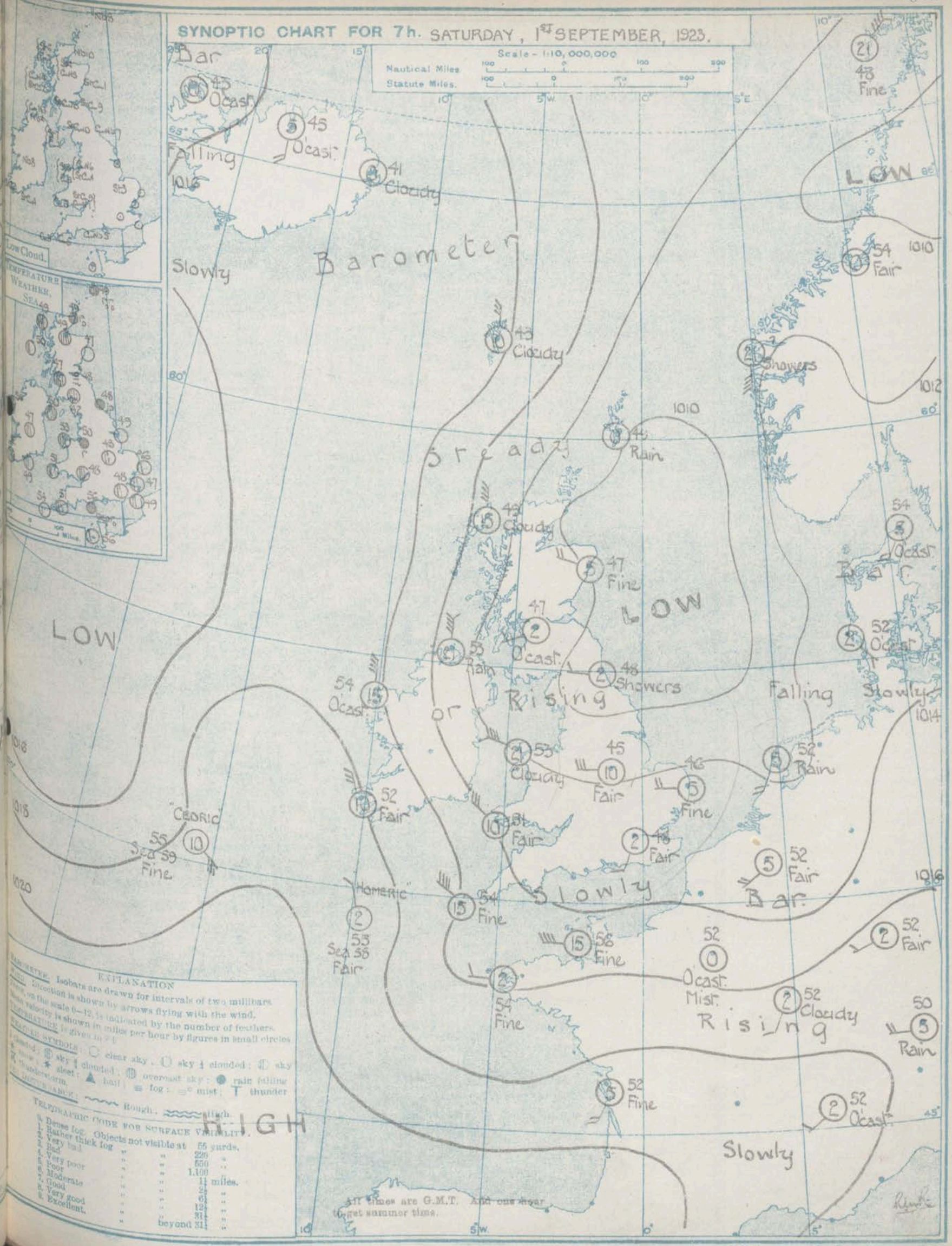
GENERAL INFERENCE.

The shallow depression over the North Sea continues to fill up, and there are indications of a new disturbance over the Atlantic southwest of Iceland. Weather will be mainly fair, but there is a likelihood of local showers, probably accompanied by thunder, the Southeast. Some rain may occur later in the extreme West.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 1st September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light westerly or variable winds; mainly fair or fine but local thundery showers probable; morning mist; cold with ground frost locally at night, rather low day temperature.	Unsettled.
4. W. Midlands 5. S.W. England	Wind N.W. to variable, light or moderate; mainly fair or fine but local showers; morning mist; cold with ground frost locally at night; rather low day temperature.	
6. South Wales 7. North Wales	Wind mainly N.W., light or moderate; fair; visibility good; rather cool.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland	Wind N.W. to variable, light or moderate; mainly fair or fine but local showers; morning mist; cold, ground frost locally at night.	
15. Hebrides 16. Orkneys and Shetlands	Wind northerly to variable, light or moderate; mainly fair, local showers; visibility good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.W., backing, light or moderate; fair or cloudy, local rain or showers; visibility good; rather cool.	

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

† For Code see opposite page



H.M. Stationery Office, Press, Kingsway.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.... SATURDAY, 1ST SEPTEMBER 1923. No. 244.

Observations at 0100 G.M.T. 1st

Stations	Height above M.S.L. in feet	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1009.5	0	NNE	2	od	52	97	6	1500	Nb	10	-	10
Stornoway	51	1011.4	+2	NE	4	PR	*	*	5	*	*	*	*	*
Wick	61	1008.5	+2	W	1	c	48	92	9	2500	CuNb	5	CiCu	7
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	1011.6	+1	NNW	5	cr	53	85	8	4000	CuNb	8	-	8
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1008.2	+1	W	3	bc	49	85	7	-	St	2	ACu	6
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1008.6	0	W	1	0	48	97	6	4000	StCu	10	-	10
Blacknod Point	10	1015.5	+3	NW	2	c-	50	92	7	*	*	8	*	8
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1011.3	+1	NNW	5	b-	53	92	8	2500	Cu	3	-	3
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1011.0	0	SW	3	b	49	92	6	-	-	0	CiSt	2
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1012.4	0	SW'N	1	b	45	97	7	-	-	0	-	0
Gorleston	13	1012.1	-1	SW'N	1	0-	51	75	6	-	-	0	ASt	10
Valencia (Cahirciveen)	30	1017.5	+1	NNW	3	cdz	52	92	9	-	StCu	8	-	8
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	148	1013.2	0	NNW	3	bc	53	79	8	4000	Cu	5	-	5
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	186	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	48	*	*	*	*	*	*	*
Croydon	244	1013.1	-1	WSW	2	b	48	85	7	4000	StCu	2	-	2
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1012.9	0	NW'N	2	0⊠	45	92	7	-	-	0	CiSt	9
Scilly (St. Mary's)	131	1016.7	0	W'N	4	bc	54	85	8	4000	Cu	4	-	4
Falmouth (Pendennis)	200	1014.7	0	W	3	b	51	85	8	5700	Cu	2	-	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1014.2	0	W	3	b-	55	65	7	2500	Cu	2	-	2
Southampton (Calshot)	12	1013.7	0	W	3	b	48	85	8	-	-	0	ACu	1
Dungeness	21	1013.1	0	NNW	2	bc	49	85	8	-	-	0	CiCu	6
Jersey	25	*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—	1015.7	0	W	1	c	53	85	7	-	CuNb	7	-	7

Observations at 0700 G.M.T. 1st

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun.
Lerwick	1010.2	+3	-	0	or	49	97	6	4000	Nb	8	CiSt	9	0
Stornoway	1013.2	+3	N	4	c-	49	97	7	800	St	8	-	8	3
Wick	1009.4	+1	W	1	or	49	97	8	2500	Nb	10	-	10	0
Castlebay	1014.2	+3	NNW	4	bc	50	75	8	2500	CuNb	6	-	9	0
Nairn	1010.1	*	-	0	or	49	92	6	1500	CuNb	9	-	1	*
Aberdeen	1010.3	+3	NNW	2	b	47	92	7	4000	StCu	1	-	7	4
Malin Head	1013.0	+1	N	5	cr	53	85	8	4000	Nb	7	-	10	*
Renfrew	1010.7	+4	WSW	1	or	47	97	7	4000	StCu	10	-	9	*
Edinburgh (Inchkeith)	1010.2	+2	WSW	1	mmc	48	92	6	*	StCu	9	-	10	*
Leuchars	1009.9	+3	WSW	1	0	48	92	8	5700	StCu	10	-	7	0
Eskdalemuir	1010.1	+1	-	0	0	42	97	7	4000	StCu	7	-		
Tynemouth	1009.2	+1	W	1	cjp	48	92	6	1500	CuNb			10	3
Blacknod Point	1017.2	+1	N	4	0	54	85	9	*	*	10	-	9	*
Donaghadee	1011.0	0	WSW	3	or	50	92	9	1500	St	9	-	8	2
Birr Castle	1015.3	*	W	1	c	47	85	7	2500	Nb	8	-	10	3
Holyhead	1012.0	+2	WNW	3	c	53	92	8	1500	Cu	8	-	4	*
Liverpool (Bidston)	1011.2	+2	W'S	3	or	50	92	8	1500	CuNb	10	-		
Chester (Shotwick)	1011.3	+1	WSW	3	cjp	51	92	8	450	CuNb	8	-		
Spurn Head	1010.8	+1	WSW	3	b	49	85	6	-	-	0	-	0	2
Birmingham (Edgbaston)	1012.8	+1	SW	2	c-	47	85	7	4000	StCu	8	-	9	*
Nottingham	1011.6	+1	W	3	bc	45	97	5	1500	St	3	ACu	0	*
Cranwell	1012.3	0	WSW	3	b	46	97	6	-	-	0	-	0	0
Gorleston	1012.2	0	W	2	b-	46	92	6	-	-	0	CiCu	2	*
Valencia (Cahirciveen)	1018.6	+3	NNW	3	bc	52	85	9	1500	StCu	3	ACu	4	3
Roches Point	1017.5	+2	NNW	2	bc	49	92	8	2500	StCu	4	-	4	0
Pembroke (St. Ann's H.)	1014.6	+1	NW	3	bc	51	85	8	4000	Cu	5	-	7	*
Ross-on-Wye	1013.1	+1	SW'S	2	c-	48	85	8	4000	StCu	7	-	3	*
Benson	~~1013.2~~ 1014.1	+2	-	0	b	44	97	7	-	-	0	Ci		
Andover	1013.8	+1	-	0	c	42	97	6	4000	CuNb	2	ACu	7	0
S. Farnborough	1013.3	0	W	1	or	45	97	6	1500	StCu	1	Ci	4	*
London (Kew Obsy.)	1013.7	+1	SSW	1	bc	48	92	6	-	-	0	ACu	1	*
Croydon	1013.4	0	W	1	b	48	92	6	-	-	0	Ci		
Clacton-on-Sea	1012.4	+2	W	3	bc	47	97	6	-	-	0	Ci	3	0
Shoeburyness	1012.9	+1	W	2	bc	51	75	6	-	-	0	CiSt	5	0
Grain	1013.3	0	NSW	3	bc+	49	92	6	-	-	0	CuCi	5	*
Lympne	1013.4	+1	NNW	2	bc	46	97	7	4000	CuNb	4	ACu	3	0
Scilly (St. Mary's)	1017.3	+3	NNW	4	b	54	85	8	4000	Cu	3	-	5	0
Falmouth (Pendennis)	1015.3	+1	NW	2	bc	51	85	7	4000	Cu	5	-	2	2
Plymouth (Cattewater)	1015.1	+1	-	0	b/r	50	97	8	2500	St	2	-	5	0
Portland Bill	1013.7	0	W	3	bcpc	56	65	8	2500	CuNb	5	-	2	0
Southampton (Calshot)	1013.8	0	W'N	2	c+	48	85	8	4000	CuNb	2	ACu	0	0
Dungeness	1013.1	0	NNW	2	bc+	49	92	6	-	-	0	ACu	4	0
Jersey	1015.8	+1	W	4	b	56	75	8	-	-	0	-	4	0
Guernsey	1015.7	+2	W	1	bcpc	58	75	8	4000	Cu	4	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31ST AUGUST.

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 30th-31st °F.	Temperature. Max. Day. 31st °F.	Rainfall.† Night 17h.-9h. 30th-31st mm.	Rainfall.† Day 9h.-17h. 31st mm.	Sunshine. Sunrise to 17h. 31st hr.	Sunshine. Sunrise to Sunset. 30th hr.
Montrose	ocmbc	bcbz	38	55	1	-	6.4	0.0
Berwick-on-Tweed	bcoog	prbcw	42	55	-	3	3.0	0.9
Llandudno	cp	cp	50	56	1	3	4.6	7.8
Colwyn Bay	cp	crp	48	59	3	3	7.2	10.4
Rhyl	bcc	cr	44	58	1	3	5.3	11.5
Southport	bcsr	pcpc	50	53	1	3	6.3	8.9
Blackpool	pcr	bcc	51	58	0.2	4	5.5	6.7
Ilkley	sscbc	bc	50	57	1		4.2	4.6
Harrogate	c	bcp	45	57	1	1	6.3	7.5
Skegness	b	bo	43	63	-	-	10.3	1.7
Aberystwyth	rcc	b	52	58	4	-	5.0	5.0
Bath	bccp	pcbc	42	59	1	1	6.7	11.7
Leamington Spa	bc	bcpbc	40	62	-	-	6.3	11.7
Lowestoft	b	bco	45	65	-	-	10.6	12.4
Felixstowe	bz	bbco	47	62	-	-	9.7	12.4
Southend	bbc	bc	46	57	-	-	9.5	12.3

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 30th-31st °F.	Temperature. Max. Day. 31st °F.	Rainfall.† Night 17h.-9h. 30th-31st mm.	Rainfall.† Day 9h.-17h. 31st mm.	Sunshine. Sunrise to 17h. 31st hr.	Sunshine. Sunrise to Sunset. 30th hr.
Ilfracombe	bcp	bcp	52	59	4	0.1	8.4	10.9
Bude	pbc	bc	40	59	1	3	7.2	10.4
Penzance	bcpbc	bcpbc	46	61	2	Trace	*	*
Paignton	ocbcc	pcbp	45	61	-	1	7.3	10.7
Torquay	bp	bp	48	63	-	-	7.5	10.4
Weymouth	cbc	bc	52	65	0.4	-	10.2	11.3
Bournemouth	b	o	45	63	-	-	11.0	10.3
Portsmouth (S'thsea)	b	b	50	64	-	-	10.7	11.3
Littlehampton	ocmbc	bc	45	60	-	-	9.4	11.1
Worthing	bbc	bcb	43	64	-	-	9.0	7.0
Brighton	c	c	47	65	-	-	6.2	11.4
Eastbourne	pc	c	43	62	2	0.2	5.3	
Hastings	bcobc	bbcc	46	62	4	-	6.8	11.8
Folkestone	bc	bc	43	63	-	0.4	5.7	11.5
Tunbridge Wells	bbc	bbc	40	64	-	-	6.6	12.2
Ramsgate	b	b	43	65	-	-	3.3	12.4
Margate	bbcc	c	46	64	-	-	5.0	11.9
Deal	bc	bc	43	64	-	-	4.4	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22564 SUNDAY, 2ND SEPTEMBER 1923.

Observations at 1800 G.M.T. 1st

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	1011.6	+1	NNE	1	ojp	52	85	6	4000	CuNb	9	-	9	•
Stornoway	1014.3	+2	NE	4	o	50	92	7	800	Nb	9	-	9	•
Wick	1010.6	+2	NNW	2	c d+	51	92	6	1500	Nb	10	-	10	•
Castlebay	1016.7	+2	NW	4	b	54	65	8	4000	Cu	1	Ci.St	2	•
Nairn	*	*	*	*		*	*							•
Aberdeen	1010.9	+1	ESE	3	bc/r	58	85	8	2500	CuNb	6	-	6	1
Malin Head	1016.1	+3	NNW	5	bc	55	75	9	5100	Cu	4	-	4	•
Renfrew	1012.1	+1	WNW	3	o+	62	75	8	1500	CuNb	10	-	10	1
Edinburgh (Inchkeith)	1011.;	+1	WSW	4	o/pr	53	85	8	-	Cu	8	Ci.St	9	•
Leuchars	1010.4	0	NW	3	c	59	65	8	4000	StCu	7	Ci.St	8	0
Eskdalemuir	1011.8	+2	NW	4	o	52	75	7	4000	StCu	10	-	10	1
Tynemouth	1010.5	+2	NW	3	bc/jp	55	75	7	1500	CuNb	6	-	6	•
Blacksod Point	1019.3	+2	N	4	o	55	75	9	*	*	*	*	10	•
Donaghadee	1014.7	+3	NNW	4	bc-	55	85	5	800	St	5	-	5	•
Birr Castle	1018.0	x	WNW	3	c-	58	65	8	2500	Cu	7	-	7	•
Holyhead	1013.6	+1	NW	6	o/r	55	85	8	4000	StCu	9	-	9	1
Liverpool (Bidston)	1011.7	+1	SW'W	5	bc/r	53	92	8	1500	CuNb	6	-	6	•
Chester (Shotwick)	1012.6	+1	W	4	o/r	55	85	7	1500	St	10	-	10	2
Spurn Head	1011.5	0	SW	2	c tkr	52	85	6	2500	CuNb	8	-	8	•
Birmingham (Edgbaston)	1013.3	+1	SW	3	cjp	56	65	8	2500	CuNb	8	-	8	1
Nottingham	1012.8	0	WNW	4	o tkr	54	75	6	1500	Nb	10	-	10	•
Cranwell	1012.6	0	WSW	3	o	56	85	8	1500	CuNb	8	A.Cu	9	5
Gorleston	1013.1	+1	SW	3	c+	61	75	7	4000	Cu	7	-	7	•
Valencia (Cahireiveen)	1021.0	+3	NW	4	bc	57	85	9	4000	Cu	4	Ci.Cu	5	0
Roches Point	1019.0	+1	WNW	3	o+	59	75	8	4000	StCu	8	Ci	9	•
Pembroke (St. Ann's H.)	1017.0	+2	WNW	3	bc	55	75	8	4000	Cu	6	-	6	•
Ross-on-Wye	1013.3	+2	W	3	bc	59	65	9	4000	CuNb	4	-	4	2
Benson	1013.8	0	W	3	c	60	55	8	-	Cu	7	-	7	0
Andover	1014.0	0	W	4	bc	61	65	8	4000	Cu	6	-	6	0
S. Farnborough	1014.2	0	W	3	bc/r	60	75	7	4000	Cu	6	-	6	0
London (Kew Obsy.)	1014.1	0	SSW	3	bc	60	65	8	4000	Cu	5	-	5	1
Croydon	1014.4	+1	WSW	3	bc-	61	65	8	2500	CuNb	4	Ci	5	1
Gleston-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1014.0	0	SW	2	c+	61	65	7	4000	StCu	8	-	8	*
Grain	1014.0	0	W's	5	cjp	60	55	9	2500	CuNb	9	-	9	0
Lympne	1014.2	+1	WSW	4	c	61	55	8	4000	Cu	4	A.St	7	1
Scilly (St. Mary's)	1020.1	+2	NW	3	b	61	75	9	4000	Cu	3	-	3	•
Falmouth (Pendennis)	1018.9	+4	NW	4	c	60	65	8	4000	Cu	7	-	7	•
Plymouth (Cattewater)	1017.8	+3	WNW	3	bc/r	57	65	9	2500	Cu	6	-	6	1
Portland Bill	1014.3	+2	W	3	b	60	55	8	-	-	0	A.Cu	3	•
Southampton (Calshot)	1015.1	0	W'S	4	c	60	55	8	4000	Cu	7	-	7	0
Dungeness	1014.8	0	SW	4	bc	62	65	8	4000	Cu	5	-	5	•
Jersey	1017.5	0	W	4	b/r	59	75	8	-	-	0	A.Cu	2	•
Guernsey	1018.2	+2	W'N	2	bc+	56	65	8	4000	Cu	6	-	6	*

Observations at 1800 G.M.T. 1st

STATIONS.	Barom. at M.S.L. m.b	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	1012.2	+2	NNE	2	ojp	51	92	6	800	CuNb	10	-	10	1
Stornoway	1017.1	+2	NNW	3	c	50	85	7	800	St	7	-	7	2
Wick	1013.3	+3	NNW	3	or-	50	97	7	2500	Nb	10	-	10	0
Castlebay	1018.0	+1	NW	4	bc	52	85	8	2500	StCu	6	-	6	4
Nairn	1014.3	*	NNW	2	c/r	51	85	8	1500	CuNb	8	-	8	•
Aberdeen	1012.7	+2	NW	1	c/r	51	97	6	2500	CuNb	8	-	8	0
Malin Head	1018.2	+1	NW	5	c+	53	75	9	5700	Cu	3	A.Cu	7	4
Renfrew	1014.6	+4	WNW	2	o	55	75	8	5700	StCu	8	Ci	9	•
Edinburgh (Inchkeith)	1013.2	+3	N	2	o/r	53	75	8	-	StCu	8	Ci	9	2
Leuchars	1012.8	+3	-	0	opo	53	85	8	4000	Nb	10	-	10	•
Eskdalemuir	1013.8	+3	NW	1	o/r	50	85	7	1500	StCu	9	-	9	•
Tynemouth	1012.6	+2	N	2	c/r	54	85	7	800	CuNb	7	-	7	2
Blacksod Point	1024.5	+3	NW	4	o	54	75	9	*	*	*	*	10	0
Donaghadee	1017.1	+3	N	3	bc	55	75	8	800	Cu	2	Ci.St	4	1
Birr Castle	1018.4	*	NW	2	c+	57	65	8	4000	StCu	6	Ci.Cu	8	•
Holyhead	1016.8	+3	NW'N	5	b	56	85	68	4000	Cu	2	-	2	5
Liverpool (Bidston)	1015.0	+3	WNW	4	c/r	57	85	9	2500	Cu	5	Ci.Cu	7	5
Chester (Shotwick)	1015.2	+3	WNW	5	c/r	55	85	8	1500	StCu	4	Ci	7	•
Spurn Head	1013.4	+2	WSW	3	o	53	75	7	4000	St	8	Ci	9	1
Birmingham (Edgbaston)	1015.4	+2	W	4	c/r	54	75	8	4000	CuNb	8	-	8	•
Nottingham	1013.7	+2	W	2	c-	54	85	6	2500	StCu	4	Ci.St	7	•
Cranwell	1013.8	+1	WSW	2	o	54	92	7	5700	StCu	6	A.St	9	•
Gorleston	1015.9	+1	W'N	2	cd	56	65	6	4000	StCu	8	-	8	0
Valencia (Cahireiveen)	1022.6	+2	NW	3	b	56	65	9	4000	Cu	2	-	2	3
Roches Point	1020.7	+2	WNW	3	bc-	59	75	8	-	-	0	Ci	4	0
Pembroke (St. Ann's H.)	1018.9	+2	WNW	3	c	56	75	8	4000	StCu	7	-	7	4
Ross-on-Wye	1016.4	0	W	3	c	55	75	8	4000	StCu	7	-	7	•
Benson	1015.7	+3	WSW	1	c	55	85	8	-	StCu	7	-	7	•
Andover	1016.4	+2	W	4	cjp	55	75	8	2500	StCu	8	-	8	•
S. Farnborough	1016.2	+2	W	2	c/r	55	85	8	2500	Cu	8	-	8	•
London (Kew Obsy.)	1015.9	+3	W	2	b	58	65	8	5700	CuNb	2	A.Cu	3	•
Croydon	1015.7	+3	W	3	b-	58	65	8	4000	Cu	2	-	2	•
Gleston-on-Sea	1014.6	+2	SW	4	c tk	59	75	7	1500	CuNb	5	A.St	7	2
Shoeburyness	1015.0	+1	SSW	1	cjp	57	75	7	2500	StCu	7	-	7	•
Grain	1015.5	+2	SSW	4	cjp	58	65	9	2500	CuNb	8	-	8	0
Lympne	1016.5	+3	W	3	bc	59	65	7	2500	Cu	5	-	5	•
Scilly (St. Mary's)	1021.3	+1	WNW	4	b	58	85	8	4000	Cu	2	Ci	3	3
Falmouth (Pendennis)	1021.4	+3	WNW	3	bc	56	75	8	5700	Cu	5	-	5	0
Plymouth (Cattewater)	1020.2	+4	NW	3	b-	57	65	9	4000	St	1	A.St	2	0
Portland Bill	1016.9	+1	W	5	b	59	55	8	2500	Cu	2	-	2	4
Southampton (Calshot)	1017.5	+3	W'N	4	b-	59	75	8	4000	CuNb	1	A.Cu	2	0
Dungeness	1016.1	+1	SW	4	bc-	59	75	8	4000	Cu	4	-	4	4
Jersey	1019.7	0	W	4	b	59	75	8	-	-	0	A.Cu	3	3
Guernsey	1020.4	+2	WNW	3	b	56	75	9	4000	Cu	2	-	2	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 18h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 1900 G.M.T. 2ND						YESTERDAY.			TO-DAY.	
Kew (24 hours ended 0700)	18	bcmkh	bcky fjb	bcbhw	*	*	39	2	-	8.3	*	*
Croydon (24 hours ended 0700)	244	bcpm	bcy	bcbw	*	*	41	06	-	9.5	*	*
Greenwich (Royal Obsy.)	149	bcr	c	cob	36	46	36	1	-	5.6	52	65
City (Bunhill Row)	80	*	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	27	*	*	*	62	47	39	-	-	9.4		
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	6.1	*	*
Camden Square	110			*						*	*	
Kensington Palace	80	bcp	bc	*	65	46	39	04	-	*	5)(18h)	65
Hampstead Observatory	450	*	*	*	62	43	36	-	-		*	

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 1st

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

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

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

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

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per 4 sec.	Strength.	Direc.
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-
21h.	-	-	-	-
22h.	-	-	-	-
23h.	-	-	-	-

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

2ND & 3RD SEPT., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.7	11.53	6.39
	5.8	11.51	6.37
Greenwich	5.16	12.0	6.44
	5.17	11.59	6.42
Wick	5.18	12.12	7.9
	5.17	12.11	7.6
Valencia	5.56	12.41	7.26
	5.54	12.40	7.24

BEAUFORT NOTATION OF WEATHER.

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

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain ; | = intermittent ; - = "decreasing" ; + = "increasing" ; h(r) = "hail" or "rain and hail" ;

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

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

SEA DISTURBANCE.

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

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

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 1st	Weather. 13h.-18h. 1st	Weather. 18h. 1st to 1st 2nd	Weather. 1h.-7h. 2nd	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 1st Hours.
Lerwick	ompr	ompr	ompr	ompr	55	48	•	0.4	1	<0800	<2100	0.6
Stornoway	c	c	c	c	55	42	•	0.1	–	–	–	4.5
Wick	oidym	orr	oir₀	oir₀	54	47	•	4	1	<0800	<2100	•
Castletoy	cb	boc	cobcb	bc	55	47	•	–	0.5	–	–	10.4
Nairn	iRgo	cdg	cdg	cg	54	41	•	8	0.3	<0800	<2100	0.1
Aberdeen	bcpr	PRml	cbcml	coirc	58	47	42	9	5	1100	0130	5.3
Malin Head	cobcv	bccov	cobcv	coiR	55	47	•	–	1	–	0530	8.6
Renfrew	oo	oRro	oor₀	cbcb	61	39	29	4	0.1	1100	<2100	4.8
Edinburgh(Inchkeith)	cmc	ir₀	oo	mr	57	48	45	1	1	1530	0430	2.8
Leuchars	obcc	cobr	oir₀	oo	60	45	38	0.3	0.4	1430	<2100	6.5
Eskdalemuir	oco	cocR	oc	cbcb	57	40	34	0.2	–	1730	–	4.6
Tynemouth	p₀	bcp₀	bcm	oir	56	48	45	0.3	0.4	<0800	0130	•
Blacknod Point ...	oo	oo	c	bbc	57	46	•	–	–	–	–	•
Donaghadee	bcqp	bcq	bc	bc	58	44	•	0.1	–	<0800	–	•
Birr Castle	co	cobr	CO	cobr₀	60	44	35	0.1	0.1	1630		8.2
Holyhead	o₀pr	ocbcb	bbcbo	oc	57	52	49	1	–	<0800	–	4.3
Liverpool (Bidston)...	cop	cop	bcc	bcc	58	47	43	4	–	0900	–	4.6
Chester (Shotwick) ...	obrord	obror	ocbc	bccbc	57	48	41	5	–	0900	–	2.6
Spurn Head	bcept	cptlc	cbcb	c	58	49	•	0.5	–	1230	–	5.6
Birmingham (Edgbaston)	bccrb	cbr	bcb	crbbc	59	44	35	1	0.3	1230	<2100	5.7
Nottingham	cp₀	oir₀	cp	bbc	60	44	38	0.6	0.5	1100	<2100	3.1
Cranwell	~~bbpmbb~~	or₀	b	bm	61	44	40	0.1	0.3	1100	<2100	7.2
Gorleston	bcc	obtlc	bcl	bccbw	62	46	42	0.4	Trace	1330	–	6.6
Valencia (Cahirciveen)	cpbc	bv	bbc	bbc	58	47	39	0.4	–	0900	–	9.4
Roches Point	bcco	obc	bw	bbc	61	45	*	–	Trace	–	–	*
Pembroke(St.Ann's H.)	c	c	cbc	c	59	50	•	–	–	–	–	7.0
Ross-on-Wye	bvcvp₀	pccoc	bcbvc	oc₀	61	43	39	0.1	–	0900	–	6.1
Benson...	c	c	bcb	bw	64	38	29	–	–	–	–	•
Andover	cmcbc	bcopr	cbcb	bbcc	63	40	34	0.2	–	1530	–	7.0
S. Farnborough ...	bccrbc	cbrc	cprb	bw	65	44	36	0.4	0.2	<0800	<2100	7.4
London (Kew Obsy.)...	bcmobbc	bcbcyb	bbcb	bbw	63	45	39	2	–	1100	–	8.3
Croydon	bobm	bccy	bcb	bw	63	46	41	0.6	–	1100	–	9.5
Clacton-on-Sea ...	bcgc	cbc	cblr	cbcb	64	46	42	Trace	1	1430	<2100	8.7
Shoeburyness	bcc	blrcbc	bccbcb	b	65	46	42	Trace	1	1430	<2100	8.0
Grain	bccov	obbcttrv	tlrbm	bbwm	63	45	40	1	3	1330	<2100	6.8
Lympne	ocoy	cbc	bcbl	bw	62	42	37	Trace	Trace	1230	–	8.8
Scilly (St. Mary's) ...	bbc	bc	bcb	bbc	62	52	•	–	–	–	–	10.9
Falmouth (Pendennis)	bcp	bc	bc	bc	60	51	•	2	–	–	–	9.5
Plymouth(Cattewater)	pbc	pbcb	obcp	bc.cp	60	45	34	0.3	0.4	0000	0800	9.8
Portland Bill	bbc	bbc	bbc	bbc	60	54	•	–	–	–	–	•
Southampton(Calshot)	c	c	bc	bcc	63	46	43	0.2	–	1430	–	7.5
Dungeness	c	c	bbc	bbc	63	53	•	0.2	–	–	–	•
Jersey	bobob	b	b	b	62	51	•	0.2	–	0900	–	10.8
Guernsey	bcc	bc	bbc	bbc	58	53	•	Trace	–	0100	–	•

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1st 1000	CAMBRIA	NW	5	cv	54	55
1	1st 1100	REINDEER	WNW	5	pr₀	61	59
3	2nd 0100	DIEPPE	WNW	4	bc	57	60

GENERAL INFERENCE.

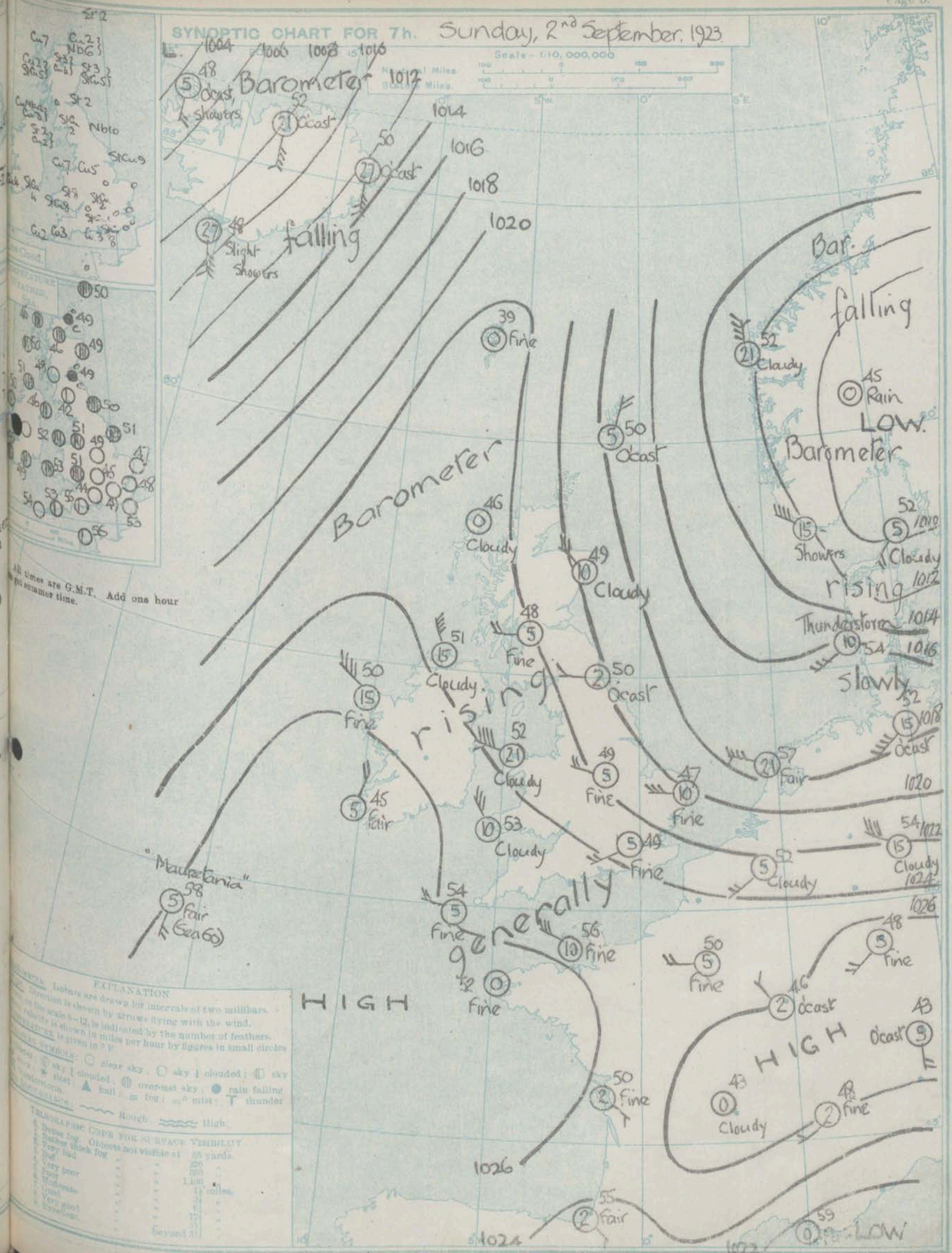
A ridge of high pressure off the Western Coasts is spreading East, while a depression is approaching Iceland. Fair weather is probable in the South, but in the North and extreme West conditions, after being fair at first, are likely to deteriorate with rain later.

Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 2nd September, 1923.

Districts.	Forecasts	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light westerly winds; fair; visibility good apart from some morning mist; moderate or rather low day temperature; local ground frost tonight.	Unsettled.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate westerly winds, backing; fair to cloudy; visibility mainly good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind W. to S.W. or S., light to moderate or fresh; fair at first, rain probable later; visibility moderate or good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides	Light or moderate southwesterly winds, freshening; fair at first, rain later; visibility moderate or good; moderate temperature.	
16. Orkneys and Shetlands ~~17. N.W. Ireland~~	Light variable wind becoming S.W. or S. and freshening; fair at first, rain probable later; visibility moderate or good; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 11 - 13.	

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

† For Co's see opposite page.


SYNOPTIC CHART FOR 7h. Sunday, 2nd September, 1923.
Scale - 1:10,000,000
Barometer falling
Barometer
Bar. falling
LOW.
Barometer
rising
Thunderstorm
slowly
rising generally
HIGH
HIGH
LOW
"Mauretania"
All times are G.M.T. Add one hour for summer time.
EXPLANATION
TRANSPARENCY
TRANSPARENCY CODE FOR SURFACE VISIBILITY

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION.....SUNDAY 2ND SEPTEMBER 1923. No. 245.

Observations at 0100 G.M.T. 2ND

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1014.0	+1	NNW	2	c-	50	92	6	4000	Cu	3	A.Cu	7
Stornoway	51	1020.6	+3	N	2	bc	•	•	5	•	•	•	•	•
Wick	81	1016.3	+2	NW	2	0r₀r₀	49	97	8	2500	Cu.Nb	6	A.St	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1020.6	+1	NNW	5	b-	51	75	9	5700	Cu	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1016.4	+3	WNW	3	0	50	75	9	-	St	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1015.5	+2	W	1	od₀	50	92	7	800	Nb	10	-	10
Blacksod Point ...	10	1023.8	+2	-	0	0	55	85	7	•	•	•	(-)	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1020.0	+1	NW	4	0+	54	85	8	2500	St.Cu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1016.0	+2	WNW	5	b	49	92	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1017.0	+3	WS	23	b	47	97	6	-	-	0	-	0
Gorleston	13	1016.5	0	W'S	2	b-	48	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1016.0	0	W	1	bc	53	85	9	-	Cu	3	Ci	5
Rooches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1022.6	+2	NW	3	bc	54	75	8	4000	Cu	5	-	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	*	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	*	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	*	•	•	•	•	51	•	•	•	•	•	•	•
Croydon	244	1020.2	+3	W'S	3	b	49	92	7	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1019.8	+3	NW'W	4	b	48	92	7	-	-	0	A.St	1
Scilly (St. Mary's) ...	131	1024.4	+2	WNW	3	b	54	85	8	4000	St.Cu	1	-	1
Falmouth (Pendennis)	200	1024.1	+1	WNW	3	b	52	85	8	5700	Cu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1020.9	+4	NW	3	bc+	56	75	8	-	-	0	A.Cu	6
Southampton (Ca.shot)	12	1021.6	+3	W'N	3	bc+	48	92	8	-	-	0	Ci	6
Dungeness	21	1019.4	+2	NNW	2	b	48	97	8	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1023.5	+2	NW'N	2	bc	53	85	7	-	Cu.Nb	4	-	4

Observations at 0700 G.M.T. 2ND

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1019.0	+3	NNE	2	o	50	85	6	2500	St	2	A.St	9
Stornoway	1022.3	+3	-	0	c	46	85	8	4000	Cu	7	-	8
Wick	1019.5	+5	NNW	2	c/g	49	85	8	4000	Nb	8	-	7
Castlebay	1023.2	+2	NNW	1	c	50	75	8	2500	St.Cu	7	-	7
Nairn	1021.4	•	-	0	c	46	85	5	1500	Cu	7	-	8
Aberdeen	1020.2	+6	NW	3	c	49	97	8	800	St.Cu	8		3
Malin Head	1023.6	+4	NNW	4	c/r	51	75	9	4000	Cu.Nb	7	-	0
Renfrew	1022.1	+5	W	2	b	48	92	8	-	-	0	Ci.St	8
Edinburgh (Inchkeith)	1024.4	+6	W	2	c/r₀	49	75	8	-	St	2	-	9
Leuchars	1020.6	+6	W	1	0	49	85	8	4000	St.Cu	9	-	2
Eskdalemuir	1021.5	+5	N	1	b	42	85	7	4000	St.Cu	2	-	10
Tynemouth	1020.0	+4	W	1	o/r	50	85	7	800	Nb	10		10
Blacksod Point ...	1025.2	+1	NW	4	b	50	85	9	•	•	•	*	4
Donaghadee	1022.8	+4	W'S	3	bc	46	92	8	1500	St	4	-	9
Birr Castle	1026.0	+.	SSW	1	o+	46	92	8	2500	St.Cu	9	-	7
Holyhead	1023.3	+4	WNW	5	c	52	85	8	2500	Cu	7	-	8
Liverpool (Bidston) ...	1022.7	+3	W	4	c	51	85	9	2500	St.Cu	8	-	5
Chester (Shotwick) ...	1023.3	+4	WNW	2	bc-	52	~~78~~ 85	~~9~~ 8	2500	Cu	5		
Spurn Head	1023.7	+4	WNW	5	o	51	85	6	5700	St.Cu	9	-	9
Birmingham (Edgbaston)	1023.6	+4	WSW	3	b+	47	75	7	4000	St.Cu	2	A.Cu	2
Nottingham	1021.6	+5	WNW	2	b	49	85	6	4000	Cu	1	A.Cu	1
Cranwell	1021.5	+5	WSW	3	b	46	97	6	-	-	0	-	0
Gorleston	1020.0	+3	W	3	b	~~47~~ 48	92	6	-	-	0	-	4
Valencia (Cahirciveen)	1017.1	+2	NNE	2	bc	45	92	9	4000	Cu	4	-	4
Rooches Point	1018.5	+3	W	1	bc+	49	92	8	4000	St.Cu	4	-	8
Pembroke (St. Ann's H.)	1014.8	+1	NNW	3	c+	53	85	9	4000	St.Cu	8	Ci	9
Ross-on-Wye	1023.5	+3	SW'W	1	o+	51	85	8	2500	St	8	Ci	1
Benson...	1023.0	+4	W	1	b	46	97	7	-	-	0		8
Andover	1024.1	+4	WNW	2	c+	48	97	8	4000	St.Cu	8	-	1
S. Farnborough ...	1024.1	+4	W	1	b	44	97	7	4000	St.Cu	1	-	0
London (Kew Obsy.) ...	1024.3	+4	WSW	2	b	49	85	7	-	-	0	-	0
Croydon	1023.8	+2	W	3	b	49	85	7	-	-	0	-	0
Clacton-on-Sea ...	1023.7	+4	W	3	b-	48	92	7	-	-	0	A.St	2
Shoeburyness	1023.1	+3	W	2	b	51	75	7	-	-	0	-	0
Grain	1023.2	+6	W'S	4	b	50	85	6	-	-	0	Ci.St	1
Lympne	1023.9	+4	NNW	4	b	47	92	7	-				2
Scilly (St. Mary's) ...	1025.0	+2	WNW	2	b	54	92	8	4000	Cu	2	-	3
Falmouth (Pendennis)	1024.7	+1	WNW	2	b+	53	85	8	5700	Cu	3	-	8
Plymouth (Cattewater)	1024.4	+3	—	0	or	47	92	8	1500	St	8	-	3
Portland Bill	1022.8	+2	NW	3	b-	56	75	8	2500	Cu	3	-	8
Southampton (Ca.shot)	1024.7	+3	NW	2	c+	50	92	8	4000	St.Cu	8	-	0
Dungeness	1023.3	+4	N	2	b	53	85	8	-	-	0	A.Cu	3
Jersey	1025.2	0	NW	3	b	56	85	8	-	-	4	-	4
Guernsey	1025.3	+3	NW	2	bc	55	85	8	5700	Cu			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1ST SEPTEMBER

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 31st-1st °F.	Temperature. Max. Day. 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.
Montrose	bvwbc	bccp	42	58	-	1	5.4	7.7
Berwick-on-Tweed	PRog	pr₀bv	45	54	2	0.4	4.2	4.8
Llandudno	cp	pcc	50	57	1	1	0.5	4.8
Colwyn Bay ...	cp	pc	48	56	1	3	1.1	7.3
Rhyl...	crc	rcbc	49	57	5	2	1.2	5.7
Southport	cbec	cobhc	50	57	2	1	5.6	6.5
Blackpool	orc	bcc	49	59	11	0.2	4.7	5.5
Ilkley	bcpbc	bc	41	61	1	1	7.5	4.4
Harrogate	b	bip	42	60	-	3	7.3	7.3
Skegness	b	bothcw	41	60	2	8	6.4	10.9
Aberystwyth ...	tos	b	49	57	2	-	3.0	6.9
Bath	bbcco	bccpo	43	61	Trace	0.4	7.7	7.6
Leamington Spa ...	bc	cbor	40	60	-	5	5.8	8.5
Lowestoft	bbtb	bcopco	45	64	-	0.1	6.7	10.6
Felixstowe	bcb	c	47	63	-	-	7.7	9.7
Southend	bc	bccbt	45	65	-	0.2	8.5	9.6
Dover	bbcc	thrhc	47	62	-	4	3.0	9.1

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 31st-1st °F.	Temperature. Max. Day. 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.
Ilfracombe	cbc	bcc	52	60	3	-	7.8	9.0
Bude	cbcp₀	cbcbc	54	60	-	-	8.9	8.2
Penzance	bc	bc	46	62	1	-	8.9	7.3
Paignton	bc	bcpbc	46	64	2	3	8.7	7.5
Torquay	cpbc	cpbc	47	64	1	5	8.9	10.0
Weymouth	bc	bcpbc	46	65	-	1	8.0	11.2
Bournemouth ...	bc	bcc	44	64	-	-	7.6	11.3
Portsmouth (S'thsea)	cbc	bcp	47	64	-	0.2	9.4	10.4
Littlehampton ...	bc	bcp	42	61	0.1	2	8.7	9.5
Worthing	bc	crbc	43	63	-	0.1	10.2	8.3
Brighton	b	bcrbc	46	62	-	1	10.4	5.1
Eastbourne	bcbc	bc	47	62	-	-		7.7
Hastings	bbcb	bbcopb	45	63	0.2	Trace	8.3	8.7
Folkestone	bc	bc	44	67	-	-	9.4	8.3
Tunbridge Wells ...	bc	bcbb	41	63	-	Trace	8.7	8.0
Ramsgate	bcb	thrbc	!	!	!	!	6.7	7.0
Margate	bbcc	ctbp	41	61	-	0.5	6.5	7.3
Deal	bbc	thrbc	44	63	-	2	8.0	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22565 MONDAY 3rd SEPTEMBER 1923.

Observations at 1300 G.M.T... 2nd

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	1020.4	+3	N	2	c	52	75	7	4000	Cu	2	aCu	7	•
Stornoway	1024.5	+3	NNE	2	c	53	55	8	4000	Cu	6	-	6	•
Wick	1022.8	+4	NW	3	bc	52	75	8	5700	Cu	6	-	6	•
Castlebay	1025.6	+2	NW	3	bc-	52	75	8	4000	SiCu	6	-	6	•
Nairn	*	*	*	*	*	*	*							•
Aberdeen	1023.4	+3	NNW	4	bc-	53	75	8	2500	Cu	4	--	4	1
Malin Head	1026.1	+2	NW	3	b	53	75	9	5700	Cu	3	-	3	•
Renfrew	1024.3	+2	W	2	bc	58	55	9	5700	Cu	5	-	5	1
Edinburgh (Inchkeith)	1023.1	+3	WSW	2	bc-	55	55	8	-	Cu	2	aCu	4	•
Leuchars	1022.9	+2	SE	2	cpr₀	56	65	8	4000	SiCu	8	-	8	5
Eskdalemuir	1023.5	+2	NW	3	bc-	56	55	7	4000	Cu	6	-	6	0
Tynemouth	1023.8	+3	N	1	0	55	85	7	4000	Cu	4	aCu	9	•
Blacksod Point	1026.9	+3	NW	4	c	60	75	9	*	*	*	*	8	•
Donaghadee	1025.9	+2	N	3	bcpr₀	56	75	8	1500	SiCu	3	aCu	5	•
Kirr Castle	1027.0	*.	SW	1	0-	56	65	8	2500	StCu	9	-	9	•
Holyhead	1026.4	+2	WNW	4	bc	55	75	9	2500	Cu	4	-	4	0
Liverpool (Bidston)	1025.3	+2	W	3	b-	55	75	9	4000	Cu	2	CiCu	3	•
Chester (Shotwick)	1025.2	+3	NW	5	c	57	75	8	2500	SiCu	7	-	7	0
Spurn Head	1024.9	+4	NNW	3	0	55	85	7	2500	SiCu	10	-	10	•
Birmingham (Edgbaston)	1025.1	+1	WSW	3	c	57	55	8	4000	CuNb	8	-	8	1
Nottingham	1024.1	+3	W	3	0	57	65	7	2500	SiCu	7	aCu	9	•
Cranwell	1024.3	+3	WNW	2	0pr₀	56	85	8	1500	SiCu	9	-	9	1
Gorleston	1023.1	+2	WNW	3	c+	59	65	7	4000	SiCu	8	-	8	•
Valentia (Cahirciveen)	1029.1	+2	WNW	3	b	58	75	9	4000	Cu	3	-	3	0
Roches Point	1028.3	+2	N	1	0	58	85	8	5700	SiCu	10	-	10	•
Pembroke (St. Ann's H.)	1027.5	+2	NW	3	c	57	65	8	4000	Cu	7	-	7	•
Ross-on-Wye	1025.5	+2	NW'N	2	bc	57	65	9	4000	Cu	6	-	6	0
Benson	1025.9	0	W	2	c	60	65	8	-	SiCu	8	-	8	1
Andover	1025.1	+1	NW	2	bc-	60	55	8	4000	Cu	5	aCu	6	0
S. Farnborough	1025.6	+2	W	2	c+	64	85	8	2500	SiCu	8	-	8	0
London (Kew Obsy.)	1026.0	+2	NW	2	0	59	55	8	2500	SiCu	5	aCu	9	0
Croydon	1025.7	+1	NW	2	0	60	55	8	4000	SiCu	9	-	9	0
Clacton-on-Sea	*	*	*	*	*	*	*							
Shoeburyness	1025.1	+2	SW	1	c+	63	55	7	7200	Cu	8	-	8	*
Grain	1025.1	+2	WNW	4	c+	61	55	8	4000	SiCu	8	-	8	0
Lympne	1024.7	+1	W	3	0+	61	55	6	4000	Cu	9	-	9	0
Scilly (St. Mary's)	1027.5	+2	NNW	2	b	60	97	8	4000	Cu	3	-	3	•
Falmouth (Pendennis)	1026.7	+1	WNW	3	bc	59	65	8	5700	Cu	4	-	4	•
Plymouth (Cattewater)	1026.8	0	-	0	bcjp	55	75	9	2500	SiCu	6	-	6	1
Portland Bill	1025.8	+4	NW	3	c+	61	55	8	-	-	0	aCu	8	•
Southampton (Calshot)	1026.1	+1	WNW	2	c	62	55	8	4000	SiCu	4	aCu	7	0
Dungeness	1026.2	+2	NW	3	bc+	65	55	8	4000	Cu	6	-	6	*
Jersey	1026.8	0	NW	3	b	62	65	8	-	-	0	aCu	2	*
Guernsey	1026.6	0	NW	2	c+	58	65	9	4000	SiCu	7	-	7	*

Observations at 1800 G.M.T... 2nd

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	1022.6	+2	N	2	c	50	75	7	4000	SiCu	7	-	7	1
Stornoway	1025.0	0	SSW	2	bc	50	75	8	4000	Cu	5	-	5	1
Wick	1024.6	+3	NW	3	c	50	75	8	7200	SiCu	7	-	7	1
Castlebay	1025.9	0	WSW	3	b	54	65	9	-	-	0	-	0	1
Nairn	1025.2	*	-	0	c-	51	75	9	4000	CuN	7	-	7	*
Aberdeen	1025.5	+3	NW'N	2	b-	51	75	8	4000	SiCu	1	-	1	0
Malin Head	1026.5	0	NW	1	b	53	65	9	5700	Cu	1	-	1	0
Renfrew	1025.9	+3	W	2	b-	55	65	9	5700	SiCu	1	-	1	*
Edinburgh (Inchkeith)	1024.5	+2	WNW	2	b	59	55	8	-	Cu	3	-	3	1
Leuchars	1024.7	+2	SE	1	cjp	52	75	8	4000	SiCu	7	-	7	*
Eskdalemuir	1025.4	+2	WNW	3	b-	52	65	8	4000	Cu	3	-	3	*
Tynemouth	1025.5	+3	-	0	o/r	53	85	7	1500	Nb	4	aCu	9	0
Blacksod Point	1026.7	+1	W	4	c	58	75	9	*	*	*	*	8	0
Donaghadee	1026.7	+1	N	2	b-	55	75	8	1500	Cu	2	-	2	2
Kirr Castle	1027.3	*.	SW	1	c	57	65	7	4000	StCu	7	-	7	*.
Holyhead	1027.4	+1	W	3	b	56	75	9	4000	Cu	1	aCu	2	1
Liverpool (Bidston)	1027.1	+2	W'N	3	b	55	75	9	4000	Cu	3	-	3	4
Chester (Shotwick)	1026.7	+1	NW	3	b	54	75	8	2500	Cu	1	-	1	*
Spurn Head	1026.2	+2	WNW	4	ojp	58	92	7	1500	Nb	10	-	10	2
Birmingham (Edgbaston)	1026.3	+2	W	3	c	55	65	7	4000	Cu	1	aCu	8	*
Nottingham	1026.2	+3	WNW	2	bc	56	65	6	2500	SiCu	5	aCu	6	*
Cranwell	1026.2	+3	N	2	o	53	85	6	2500	SiCu	8	aSc	9	*
Gorleston	1025.2	+2	NW	1	cPR+	53	85	7	2500	Nb	8	-	8	0
Valentia (Cahirciveen)	1028.8	0	WSW	2	bc-	59	75	9	4000	Cu	5	-	5	0
Roches Point	1028.0	0	SW	1	0	56	85	8	5700	StCu	10	—	10	0
Pembroke (St. Ann's H.)	1028.2	+1	WNW	1	b	55	65	8	4000	Cu	2	-	2	2
Ross-on-Wye	1026.4	+3	WNW	1	bc-	58	55	9	4000	SiCu	5	-	5	*
Benson	1026.9	+2	-	0	c	57	75	8	-	SiCu	7	-	7	*
Andover	1026.1	+1	NNW	1	c+	57	65	8	5700	SiCu	8	-	8	*
S. Farnborough	1026.4	+2	WNW	2	c	57	75	8	2500	Cu	4	aCu	8	*
London (Kew Obsy.)	1026.9	+2	NNW	1	0	59	65	8	2500	SiCu	9	-	9	*
Croydon	1026.3	+1	NW	2	c	58	65	8	4000	SiCu	8	-	8	*
Clacton-on-Sea	1025.2	+1	W	3	bc	61	55	7	4000	Cu	5	-	5	0
Shoeburyness	1026.1	+1	-	0	c-	61	85	7	7200	Cu	7	-	7	*
Grain	1026.2	+2	WSW	2	bc-	55	65	7	4000	SiCu	5	-	5	0
Lympne	1025.6	+2	W	2	c-	57	65	8	5700	SiCu	8	aCu	7	*
Scilly (St. Mary's)	1028.5	+1	NNW	2	b	58	85	8	4000	Cu	3	-	3	2
Falmouth (Pendennis)	1028.4	+1	N	2	b-	58	65	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1028.0	+2	NW	3	b-	57	55	9	4000	SiCu	1	-	1	0
Portland Bill	1026.6	+2	NW	3	c	59	55	8	2500	Cu	8	-	8	3
Southampton (Calshot)	1027.0	+1	SW'W	2	bc-	60	55	8	4000	SiCu	2	aCu	5	0
Dungeness	1026.4	+1	WSW	4	c	59	75	8	2500	Cu	8	-	8	4
Jersey	1027.1	0	NW	3	b	61	65	8	-	-	0	aCu	2	3
Guernsey	1027.0	+1	NW	2	b-	57	75	9	-	Cu	2	Ci	3	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 3rd								YESTERDAY	TO-DAY.	
Kew	18	bmbcoy	bcyob	wfbnw	*	*	34	-	-	6.9	*	*
Croydon (24 hours ended 0700)	244	bcoy	ocy	cbbcw	*	*	36	-	tra	7.6	*	*
Greenwich (Royal Obsy.)	149	bc	oc	bcbmw	64	40	29	-	-	7.4	52	69
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	6.6	*	*
Westminster (St. James' Pk.)	27	*	*	*	62	44	39	-	-	7.7	50	65
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	6.4	*	*
Camden Square	110	bc	cbc	*	64	42	37	-	-	*	79	
Kensington Palace	80	bco	c	*	62	43	34	-	-	*	57 (18h.)	70
Hampstead Observatory	450	*	*	*	60	43	32	-	-	6.9	*	73

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 2nd

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

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

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

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	-	-	-
δ Ursæ Minoris	-	-	-

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1500 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.‡

Time.	Type.	No. per min.	Strength.	Direc.
18h.	-	-	-	-
19h.	C	6	-	150
20h.	-	-	-	-
21h.	-	-	-	-

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

3rd & 4th SEPT., 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.8	11.51	6.37
	5.9	11.52	6.38
Greenwich	5.17	11.55	6.42
	5.18	11.55	6.40
Wick	5.17	12.11	7.6
	5.9	12.11	7.3
Valencia	5.57	12.40	7.24
	5.58	12.40	7.22

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
in precipitation within sight of station.
r passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
∶ dust haze ∶ the turbid atmosphere of dry weather.

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations.

Is the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

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

SEA DISTURBANCE.

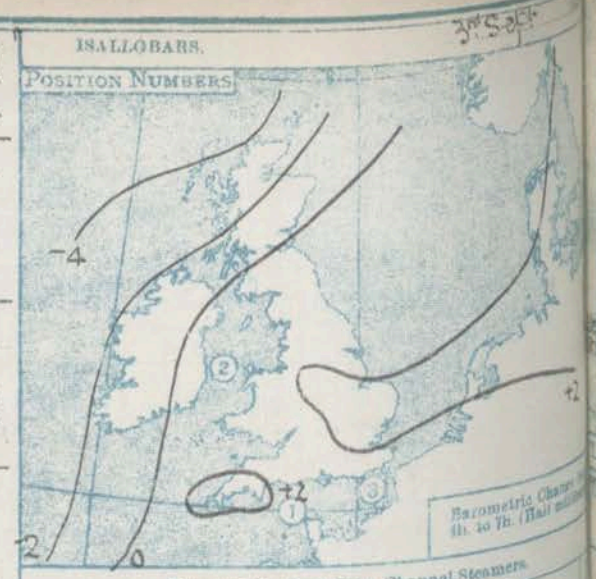
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-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.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 2nd Hours.
Lerwick	c	c	bc	b	53	40	•	–	–	–	–	7.0
Stornoway	c	c	bbc	oo	54	34?	•	–	–	–	–	3.8
Wick	or bc	c	bbc	bbc	53	39	•	1	–	0800	–	•
Castlebay	c	cb	b	bo	55	41	•	–	–	–	–	9.5
Nairn	cir bc	bccg	bcx	bcbx	57	33	•	0.2	–	1100	–	4.8
Aberdeen	cpr	bcbv	bbm	bmw	56	37	30	trace	–	0900	–	9.9
Malin Head	cobcv	bcv	bcv	c ⦶	55	43	•	–	–	–	–	11.7
Renfrew	bbcvy	bcbvy	bb	coff	60	30	24	–	–	–	–	12.3
Edinburgh (Inchkeith)	b-bc	bc	f-m	cm	60	43	40	trace	–	0800	–	10.1
Leuchars	obbcc	cobr	cbcb	bbw	59	36	22	0.1	–	1100	–	4.5
Eskdalemuir	bbccbcy	bcyb	b	bbcx	59	27	22	–	–	–	–	1.2
Tynemouth	o	op	om	bbc	56	41	39	0.3	–	1530	–	•
Blacksod Point ...	b-bc	b-bc	oo	c	61	51	•	–	–	–	–	•
Donaghadee	bc	bc	bc	cvm	57	46	•	trace	–	1330	–	•
Birr Castle	c	co	& co.	co.	62	40	31	–	–			6.3
Holyhead	cbcv	bcv	bvbw	bbcwv	57	46	38	–	trace	–	–	12.2
Liverpool (Bidston) ...	bc	b-bc	b	bc	58	47	37	–	–	–	–	7.9
Chester (Shotwick) ...	bccc	cbcbb	bbm	bxwm	59	34	29	–	–	–	–	10.1
Spurn Head	c	c	orcbcuz	bbc	57	48	•	–	2	–	<2100	4.7
Birmingham (Edgbaston)	bcc	cm	cbcm	bmw	60	41	27	–	–	–		7.9
Nottingham	c	c	cbm	F	60	38	33	–	–	–		7.5
Cranwell	bmcp	opm	c	bwm	61	38	30	trace	trace	1100	–	5.7
Gorleston	c	cpr	blbw	bcm	61	44	41	2	–	1530	–	5.8
Valencia (Cahirciveen)	bcv	cbcv	bcco	bwbco	59	51	45	–	–	–	–	11.3
Roches Point	bco	oo	obo	bcc	54	49	–	–	4	–		—
Pembroke (St. Ann's H.)	c	c	c	c	58	47	•	–	–	–	–	7.2
Ross-on-Wye	cv	cvy	bcvbv	bmwx	60	35	29	–	–	–	–	5.5
Benson	c	c	ocbc	bcbw	61	35	28	–	–	–	–	•
Andover	c	bcyc	cbcb	bwbm	60	38	31	–	–	–	–	5.4
S. Farnborough ...	bw	c	cbc	bombm	67	36	33	–	trace	–	–	3.8
London (Kew Obsy.) ...	bwbccoy	oybcyo	bwm	bwfbwm	62	44	34	–	–	–	–	6.9
Croydon	bcsy	ocy	cb	bccw	61	42	36	–	trace	–	–	7.6
Clacton-on-Sea ...	bbccy	cbcy	bcyl	z	64	46	39	–	–	–	–	11.7
Shoeburyness	b-bc	b-bc	cbcb	obm	66	40	32	–	–	–	–	10.1
Grain	bmbbc	cycbc	bcbmw	bowm	63	38	32	–	0.1	–	–	10.0
Lympne	bbccy	ocy	cbbcw	obwm	63	44	33	–	trace	–	–	8.1
Scilly (St. Mary's) ...	bc	bc	bbc	b	63	48	•	–	–	–	–	11.7
Falmouth (Pendennis)	bc	bc	bc	bc	62	46	•	–	–	–	–	10.0
Plymouth (Cattewater)	bpbc	bcby	b	bbc	59	41	27	1	–	0800	–	5.4
Portland Bill	b-bc	c	bbc	bbc	63	47	•	–	–	–	–	•
Southampton (Calshot)	c	c	bbc	bcbw	63	45	41	trace	–	0900	–	4.5
Dungeness	b-bo	c	c	c	66	45	•	–	–	–	–	•
Jersey	b	b	bw	bw	65	45	•	–	–	–	–	8.3
Guernsey	b-bc	b-bc	bbc	bbc	62	53	•	–	–	–	–	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1st 100c	Cambria	WNW	4	bv	54	54

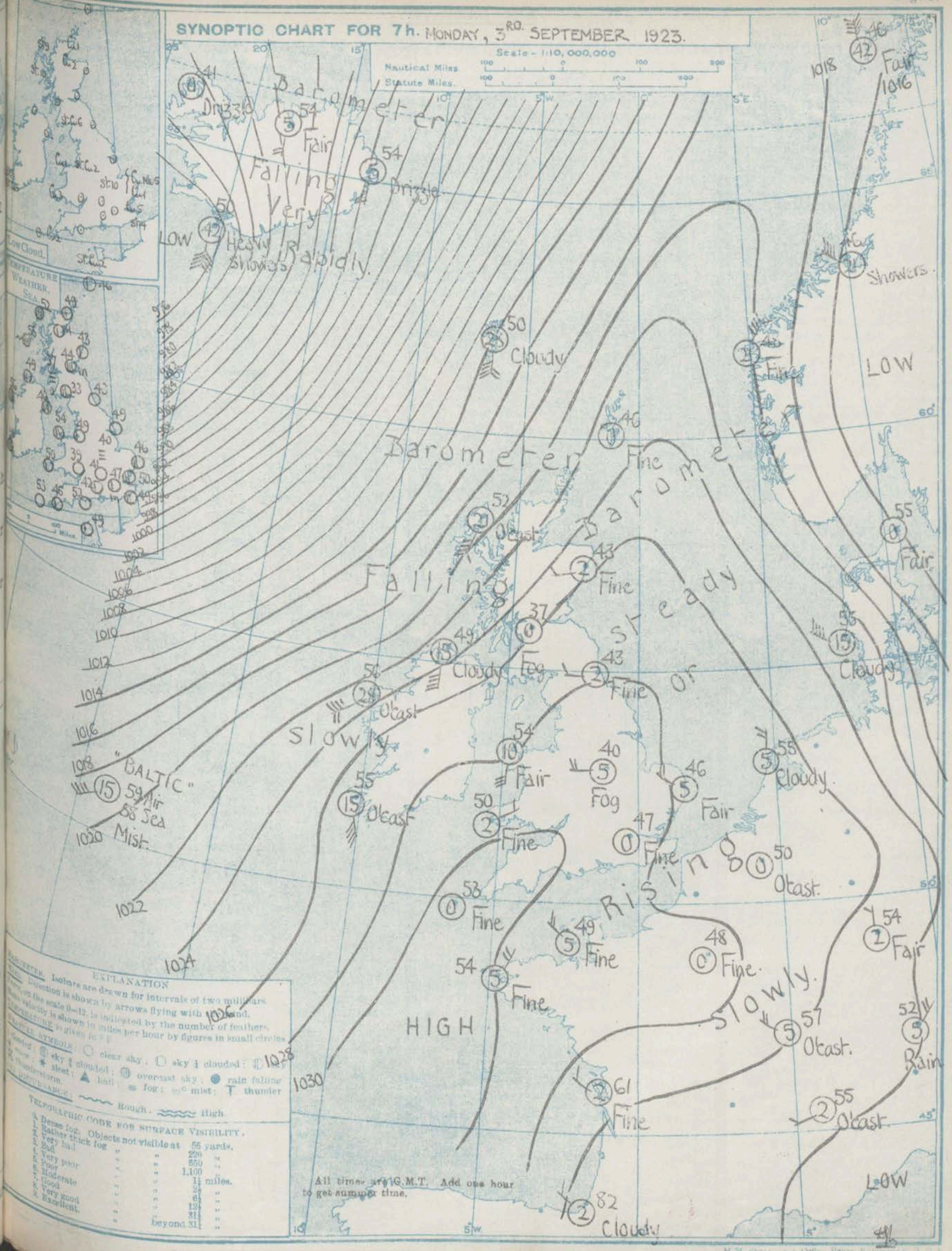
GENERAL INFERENCE.

A depression of great depth and intensity centred off S.W. Iceland will move eastward and cause southwesterly gales on our northern coasts. Some rain is probable generally, but in the southeast districts fine weather will probably last out the day.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Monday, 3rd September, 1923.	Farther Outlook
1. S.E. England 2. E. England 3. E. Midlands	Wind light variable, freshening later from S.W.; fine Monday, perhaps some rain Tuesday; mist in places; moderate temperature.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales	Wind S. to S.W. moderate or fresh; cloudy, probably some rain; coast mist at times; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind S. veering W., fresh or strong; cloudy, some rain; mist at times; moderate to rather low temperature.	South Cone hoisted at 0835 GMT 3rd Sept.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind S. veering W., strong to a gale; cloudy, some rain; mist at times; moderate to rather low temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 7 - 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 opposite page


SYNOPTIC CHART FOR 7h. MONDAY, 3RD. SEPTEMBER 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Barometer Falling very rapidly
Low
Barometer Falling
Barometer Steady or Rising
Slowly
Slowly
HIGH
LOW
LOW
"BALTIC"
Low Cloud.
Temperature Weather. Sea.
EXPLANATION
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 3RD SEPTEMBER 1923. No. 246

Observations at 0100 G.M.T. 3RD

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1024.1	0	-	0	b	45	75	7	-	-	0	Cu St	1
Stornoway	51													
Wick	81	1024.9	0	-	0	b-		6						
Castlebay	37	1025.4	0	WSW	1	b	40	92	9	7200	Cu	1	-	1
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	1027.1	-2	SSE	2	b+	47	85	9	-	-	0	9Cu	3
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1024.6	+3	SSW	3	mb	46	85	6	-	-	0	-	0
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1027.3	0	W	1	b-	48	87	6	-	-	0	ACu	2
Blacksod Point ...	10	1025.3	-4	WSW	6	bc-	55	92	7	*	*	6	*	6
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1025.4	0	SE	1	b	48	92	8	-	-	0	-	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1027.8	+1	WNW	3	0+	50	97	5	5700	SCu	9	-	9
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1028.4	+1	WSW	2	b	42	97	7	-	-	0	-	0
Gorleston	13	1026.9	+1	NW	2	b-	48	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1024.4	-1	SE/E	1	b-	54	92	9	*	St	2	-	2
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1029.2	0	WNW	2	c-	54	85	8	4000	Cu	7	-	7
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	188	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	16	*	*	*	*	*	46	*	*	*	*	*	*	*
Croydon	244	1028.4	+1	-	0	b	45	92	7	-	-	0	ACu	1
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1027.6	+1	N/E	2	c	48	85	8	-	-	0	ACu	8
Scilly (St. Mary's) ...	131	1030.4	0	N/W	2	b	50	92	8	4000	Cu	1	-	1
Falmouth (Pendennis)	200	1029.6	0	N	2	b	50	75	8	-	-	0	-	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1028.5	0	NW	3	b	52	65	8	-	-	0	-	0
Southampton (Calshot)	12	1028.5	+1	NW	3	bc	47	85	8	4000	SCu	4	-	4
Dungeness	21	1027.1	+1	NW	2	bc+	47	97	7	-	-	0	CCu	5
Jersey	25	*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—	1029.5	+1	NW	1	b	52	75	7	5700	Cu	1	-	1

Observations at 0700 G.M.T. 3RD

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1023.0	-2	-	0	b	46	85	7	-	-	0	Cu	1
Stornoway	1019.3	-4	SSW	5	0	52	75	7	800	St	9	-	9
Wick	1022.6	-4	SSW	2	bc	49	85	9	5700	Cu St	1	Cu St	5
Castlebay	1021.0	-3	S	3	0	55	85	7	1500	St	10	-	10
Nairn	1023.2	*	-	0	bc	41	92	6	4000	Cu	2	Cu Cu	4
Aberdeen	1025.2	-1	NSW	1	b	43	97	5	-	-	0	Cu	1
Malin Head	1023.2	-2	S	4	c	49	85	9	-	-	0	CCu	8
Renfrew	1026.5	0	-	0	ff0	37	97	3	-	-	0	ACu	3
Edinburgh (Inchkeith)	1025.8	+1	NSW	3	mmc	44	85	6	-	-	0	Cu	2
Leuchars	1023.5	0	NSW	2	b	43	97	7	-	-	0	-	0
Eskdalemuir	1028.1	0	-	0	bc+	33	92	8	4000	SCu	6	-	1
Tynemouth	1027.5	0	W	1	b	43	92	6	-	-	0		
Blacksod Point ...	1025.0	-1	SW	6	0	56	92	8	*	*	10	*	10
Donaghadee	1026.0	0	SSW	3	c-	46	92	8	-	-	0	St	7
Birr Castle	1027.1	*	SE	1	bc-	44	97	8	9000	St Cu	6	Cu St	6
Holyhead	1026.0	0	S	3	bc	54	85	9	2500	Cu	-	-	4
Liverpool (Bidston) ...	1028.4	+1	SSW	2	b	49	85	7	4000	SCu	N	Cu	N
Chester (Shotwick) ...	1028.6	+1	SSE	2	b	41	91	5	-	-	0	ACu	2
Spurn Head	1028.4	+1	W	1	b	49	97	6	-	-	0	-	0
Birmingham (Edgbaston)	1030.9	+1	WNW	2	b	46	85	5	-	-	0	-	0
Nottingham	1029.1	+2	W	2	Fo-	40	97	1	250	St	10	-	10
Cranwell	1028.7	+3	WSW	2	mb-	43	97	5	-	-	0	-	0
Gorleston	1027.8	+1	NWW	2	bc-	46	92	5	4000	Cu Nb	4	-	4
Valencia (Cahirciveen)	1028.3	-2	SE	4	0+	55	85	8	1500	St	10	Cu	10
Roches Point	1028.3	0	SW	3	c-	54	92	8	2500	St Cu	7	-	7
Pembroke (St. Ann's H.)	1029.5	0	NE	1	b	50	85	7	4000	Cu	3	-	3
Ross-on-Wye	1029.3	0	-	0	bf	39	97	8	-	-	0	-	0
Benson...	1029.4	+1	NW	1	0	41	97	5	-	-	0	-	0
Andover	1029.1	+1	-	0	b-	43	97	6	-	-	0	-	0
S. Farnborough ...	1029.5	+2	-	0	mb	42	97	6	-	-	0	ACu	1
London (Kew Obsy.) ...	1029.7	+2	-	0	mmb	47	85	4	-	-	0	ACu	1
Croydon	1029.2	+1	-	0	c	45	91	5	5700	SCu	4	-	5
Clacton-on-Sea ...	1028.2	+2	NW	2	bc	50	92	6	7200	Cu	5	-	0
Shoeburyness	1028.5	+1	NNE	1	b	50	85	5	-	-	0	-	0
Grain	1028.5	+2	NWW	2	mb-	47	97	5	-	-	0	ACu	2
Lympne	1028.4	+1	NNE	2	b-	49	92	6	-	-	0	-	0
Scilly (St. Mary's) ...	1030.3	0	-	0	b	53	85	8	-	-	0	-	2
Falmouth (Pendennis)	1030.1	+2	-	0	b	45	92	8	5700	Cu	2	-	6
Plymouth (Cattewater)	1030.2	+2	-	0	bc-	45	92	8	<150	SCu	6	-	0
Portland Bill	1028.7	0	NW	1	b	52	65	7	-	-	0	-	4
Southampton (Calshot)	1028.9	+1	NW	3	b	48	85	6	-	-	4	-	2
Dungeness	1027.8	+1	N	3	bc-	49	85	6	1500	St	2	-	4
Jersey	1028.4	0	NW	2	b	49	92	6	1500	SCu	0	ACu	2
Guernsey	1029.0	+2	NNW	2	bc	53	85	8	-	-			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2ND SEPTEMBER

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 1st–2nd °F.	Temperature. Max. Day. 2nd °F.	Rainfall.† Night 17h.–9h. 1st–2nd mm.	Rainfall.† Day 9h.–17h. 2nd mm.	Sunshine. Sunrise to 17h. 2nd hr.	Sunshine. Sunrise to Sunset 1st hr.
Montrose	bcbc	cpcv	48	58	-	0.4	3.3	5.4
Berwick-on-Tweed	prcoc	bcbbv	48	54	3	-	4.4	4.7
Llandudno	cpbc	bcb	50	57	0.4	-	9.4	1.3
Colwyn Bay ...	pc	bc	49	57	1	-	8.5	1.8
Rhyl...	bc	bc	48	57	-	-	11.0	1.3
Southport	ocopc	bcb	51	58	-	0.4	5.7	5.8
Blackpool	orc	bc	49	59	11	1	6.2	5.9
Ilkley	bcpbc	bcpbc	43	61	1	4	5.6	7.5
Harrogate	pc	bcp	44	58	2	-	6.7	7.3
Skegness	bc	or	44	58	2	1	7.1	6.4
Aberystwyth ...	rc	c	52	58	1	-	8.0	4.5
Bath	ocbcb	bbc	45	62	0.3	-	5.6	7.7
Leamington Spa ...	bcc	bo	41	60	1	-	7.5	5.8
Lowestoft	cbnco	bor.	46	63	-	3	8.0	6.7
Felixstowe	b	b	47	64	-	-	10.2	7.7
Southend	bc	bc	44	65	1	-	9.0	8.6
Dover.	bbc	co	43	63	-	-	8.3	9.3

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 1st–2nd °F.	Temperature. Max. Day. 2nd °F.	Rainfall.† Night 17h.–9h. 1st–2nd mm.	Rainfall.† Day 9h.–17h. 2nd mm.	Sunshine. Sunrise to 17h. 2nd hr.	Sunshine. Sunrise to Sunset 1st hr.
Ilfracombe	occbc	co	55	61	-	-	5.2	7.6
Bude	prbc	b	51	60	3	-	8.2	10.0
Penzance	c	cbc	48	63	-	1	3.4	9.4
Paignton	opobbc	cbc	49	64	-	0.1	3.0	12.0
Torquay	p	b	49	63	0.2	0.1	4.2	9.8
Weymouth	bc	cpc	50	65	-	-	3.5	9.2
Bournemouth ...	c	c	48	63	-	-	5.1	9.8
Portsmouth (S'thsea)	bc	bc	47	64	-	-	7.5	11.3
Littlehampton ...	bc	bc	43	61	-	-	7.5	11.2
Worthing	bc	bcc	43	64	-	-	6.7	10.2
Brighton	b	c	47	63	-	-	5.6	11.2
Eastbourne	b	bc	48	65	-	-	7.1	9.2
Hastings	bbcc	coc	45	63	-	-	7.0	10.0
Folkestone	bc	bc	42	63	-	-	9.0	9.2
Tunbridge Wells ...	b	bco	43	64	-	-	10.2	6.7
Ramsgate	p	bbc	44	65	1	-	10.0	7.0
Margate	p	b	50	62	0.2	-	8.2	9.5
Deal	b	bbcc	47	64	-			

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22566. TUESDAY 4TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 3rd

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	1019·8	-2	SW	2	bc	53	75	7	-	-	0	Ci	5	•
Stornoway	1015·0	-3	S	6	opr	54	92	7	450	St	10	-	10	•
Wick	1019·0	-3	SSW	3	c+	53	75	8	5700	Cu	2	CiCu	8	•
Castlebay	1017·1	-3	S	6	ors	54	97	6	800	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1021·5	-4	SW'S	3	bc	61	65	7	-	-	0	CiSt	4	0
Malin Head	1019·1	-2	SSW	5	ors	54	92	8	4000	Nb	5	ASt	10	•
Renfrew	1023·0	-3	SW	4	o+	57	75	8	4000	StCu	10	ASt	10	0
Edinburgh (Inchkeith)	1022·6	-3	SW	4	o/f	57	65	8	-	Cu	6	CiSt	10	•
Leuchars	1022·1	-4	SW	3	o	60	65	7	4000	StCu	7	CiSt	9	0
Eskdalemuir	1024·2	-2	SW	5	o	54	75	7	2500	StCu	10	-	10	0
Tynemouth	1025·2	-2	W	1	c	61	85	7	4000	Cu	7	-	7	•
Blacksod Point	1018·4	-4	S	6	o	57	92	7	*	*	*	*	10	•
Donaghadee	1023·3	-3	S	3	o+	59	75	8	1500	CuNb	3	CiSt	10	•
Rhyl Castle	1023·9	±	S	2	c+	57	85	7	2500	StCu	8	-	8	•
Holyhead	1026·4	-2	SW	5	c	59	75	9	2500	Cu	3	CiSt	7	0
Liverpool (Bidston)	1026·4	-2	SW	1	bc	59	55	8	2500	StCu	4	-	4	•
Chester (Shotwick)	1026·8	-2	SW	3	c+	64	55	9	5700	Cu	7	Ci	8	5
Spurn Head	1027·6	-2	WNW	1	b	58	65	8	4000	Cu	1	Ci	2	•
Birmingham (Edgbaston)	1028·2	-1	SSW	3	c	60	55	8	4000	Cu	7	-	7	1
Nottingham	1027·2	-1	WSW	3	bc	62	55	7	2500	Cu	5	Ci	6	•
Cranwell	1027·3	-2	SW	2	bc	61	65	6	4000	StCu	4	-	4	0
Gorleston	1027·5	0	ESE	1	bc	57	75	7	4000	Cu	4	-	4	•
Valentia (Cahirciveen)	1024·1	-3	SE	5	ors	57	92	6	800	St	10	-	10	1
Roches Point	1026·1	-2	SW	3	o	57	85	8	2500	StCu	3	ASt	10	•
Pembroke (St. Ann's H.)	1028·5	-1	WSW	3	bc	57	75	8	4000	Cu	4	-	4	•
Ross-on-Wye	1027·3	0	WSW	2	bc	62	55	8	4000	StCu	4	Ci	5	0
Benson	1028·1	-1	WSW	2	bc+	62	55	8	*	Cu	5	-	5	0
Andover	1027·9	-0	W	2	o+	60	55	8	4000	Cu	7	-	7	0
N. Farnborough	1028·2	?-2	WSW	2	bc+	63	55	7	4000	Cu	6	-	6	0
London (Kew Obsy.)	1028·4	-2	W	2	bc+	60	55	8	4000	Cu	4	-	4	0
Croydon	1028·0	-2	SW	1	bc+	65	45	7	2500	Cu	6	-	6	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1028·1	0	SSE	1	bc	59	75	7	4000	StCu	4	ACu	6	*
Grain	1028·2	-2	NE'E	2	b-	61	65	7	4000	Cu	2	-	2	0
Lympne	1027·9	0	SE	1	o	57	65	7	4000	Cu	9	-	9	0
Shilly (St. Mary's)	1030·1	0	WSW	2	b+	61	75	8	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1029·2	-1	SW	4	b	60	55	8	5700	Cu	2	-	2	•
Plymouth (Cattewater)	1029·6	0	SW	3	bc-	61	85	8	2500	StCu	5	-	5	0
Portland Bill	1028·7	0	NW	3	b	60	55	7	-	-	0	-	0	•
Southampton (Calshot)	1028·5	-1	-	0	bc-	65	55	6	4000	Cu	5	-	5	0
Dungeness	1028·3	-1	S	2	c	59	75	7	2500	StCu	7	-	7	•
Jersey	1028·3	0	NW	2	b+	60	65	8	-	-	0	ACu	1	•
Guernsey	1029·5	-1	NNW	2	b	57	65	9	5700	Cu	3	-	3	*

Observations at 1800 G.M.T. 3rd

STATIONS.	Barom. at M.S.L. m.b	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	1017·0	-4	SSW	1	0	52	85	6	-	-	0	ASt	10	0
Stornoway	1013·4	-3	SW	6	opr	54	92	7	450	St	10	-	10	4
Wick	1016·1	-2	SW	3	ors	55	85	8	-	-	0	ASt	10	0
Castlebay	1014·4	-3	WNW	3	orr	52	97	5	800	Nb	10	-	10	5
Nairn	1016·1	*	-	0	odd	53	92	7	2500	Nb	9	-	9	•
Aberdeen	1018·9	-4	SSW	3	0	56	75	7	-	-	0	ASt	10	3
Malin Head	1015·4	-3	S	5	ors	55	97	7	2500	Nb	6	ASt	10	1
Renfrew	1020·0	-3	SSW	3	ojp	55	75	7	2500	Nb	2	ASt	10	•
Edinburgh (Inchkeith)	1020·2	-3	SW	4	o	56	65	8	*	StCu	3	ASt	10	2
Leuchars	1019·8	-3	SW	4	o	56	75	7	4000	St	2	ASt	10	•
Eskdalemuir	1021·8	-2	SSW	5	o	52	85	8	1500	StCu	10	-	10	•
Tynemouth	1023·7	-1	S	2	c	58	75	6	2500	St	4	CiCu	7	1
Blacksod Point	1018·0	-3	NW	4	o	54	92	7	*	*	*	*	10	0
Donaghadee	1020·4	-2	SW	3	c/r	55	85	8	800	St	2	ASt	7	3
Rhyl Castle	1020·7	*	S	2	ors	58	85	6	2500	Nb	9	-	9	•
Holyhead	1023·9	-3	SW	6	o+	56	85	9	1500	StCu	8	ASt	10	4
Liverpool (Bidston)	1024·9	-1	SW	2	o+	56	75	9	2500	StCu	10	-	10	3
Chester (Shotwick)	1025·5	-1	SW	3	o+	58	75	8	2500	StCu	7	ACu	9	•
Spurn Head	1025·9	-2	SW	2	o+	57	75	7	-	-	0	Ci	9	0
Birmingham (Edgbaston)	1026·6	-1	SSW	2	c+	59	55	7	4000	StCu	3	CiCu	7	•
Nottingham	1025·9	-1	SW	2	c	58	65	6	2500	StCu	2	CiCu	7	•
Cranwell	1026·3	-1	SW'W	1	c	57	75	6	-	-	0	CiSt	8	•
Gorleston	1027·0	-1	S'E	3	b-	56	75	7	4000	Cu	2	-	2	0
Valentia (Cahirciveen)	1026·6	-3	S'E	4	odd	58	97	6	450	St	10	-	10	4
Roches Point	1022·9	-3	SSW	4	odd	55	97	5	450	Nb	10	-	10	3
Pembroke (St. Ann's H.)	1026·6	-2	SW'W	4	c+	56	75	8	4000	Cu	3	ASt	7	4
Ross-on-Wye	1026·7	-1	WSW	2	o	56	65	8	4000	StCu	4	ACu	9	•
Benson	1027·4	-1	W	1	b	58	55	9	-	-	0	Ci	3	•
Andover	1027·2	0	W	2	bc-	59	55	8	4000	StCu	2	Ci	6	•
N. Farnborough	1027·3	0	W	2	c+	61	65	7	4000	Cu	3	Ci	8	•
London (Kew Obsy.)	1027·5	0	-	0	bc	62	55	7	7200	Cu	3	Ci	6	•
Croydon	1027·5	0	-	0	c+	57	75	7	4000	Cu	2	Ci	8	•
Clacton-on-Sea	1027·3	0	SSE	3	bc	58	85	7	1500	Cu	5	-	5	1
Shoeburyness														•
Grain	1027·5	0	SE	4	o	58	75	7	4000	StCu	9	-	9	0
Lympne	1027·8	0	SSE	2	b-	54	85	7	4000	Cu	2	-	2	•
Shilly (St. Mary's)	1028·8	-1	SW'W	3	bc+	58	85	8	4000	Cu	3	ACu	5	1
Falmouth (Pendennis)	1028·4	-1	SW	4	bc+	56	75	8	4000	StCu	6	-	6	0
Plymouth (Cattewater)	1028·8	-2	W	3	c+	57	75	8	5700	StCu	8	-	8	0
Portland Bill	1028·7	-1	NW	3	b	58	65	7	-	-	0	-	0	0
Southampton (Calshot)	1028·2	0	SW	4	bc+	59	65	8	4000	StCu	4	Ci	5	0
Dungeness	1027·6	0	WSW	2	c-	59	75	7	-	-	0	ACu	7	2
Jersey	1028·3	0	NW	2	b	59	65	8	-	-	0	-	0	0
Guernsey	1028·9	-1	NNW	1	b	57	75	9	5700	Cu	3	-	3	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Dsy.	Rainfall. mm. Night.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.
		24 HOURS ENDED 0900 G.M.T. 4th										
Kew	18	bwmobt	bc	bcmobw	•	•	33	-	tra	8·6	•	•
Croydon } 24 hours ended 9700	244	bcbmz	bcyc	cbmwc	•	•	41	-	-	9·8	•	•
Greenwich (Royal Obsy.)	149	bc	cbcb	bwcr	67	42	29	-	1	8·6	45	91
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7·7	•	•
Westminster (St. James' Pk.)	27	•	•	•	65	45	39	2		12·0	52	87
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	7·0	•	•
Camden Square	110	bbc	bc	•	68	47	40	-	2	•	•	89
Kensington Palace	80	bc	bc	•	65	43	35	-	2	•	57(18h)	93
Hampstead Observatory	450	•	•	•	63	46	33	-	2	10·3	•	91

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	2nd 20h	0.3	3rd 16
1.0	3rd 8h		

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-
-	-		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 3rd 19 h. 45 m. to 4th 4 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	07.00	82
δ Ursae Minoris	8.30	06.47	80

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per ½ sec.	Strength.	Direc.
10h.	-	-	-	-
10½h.	-	-	-	-
11h.	-	-	-	-
11½h.	-	-	-	-

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

4th & 5th Sept. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·9	11·52	6·35
	5·11	11·52	6·32
Greenwich	5·18	11·59	6·40
	5·20	11·59	6·37
Wick	5·19	12·1	7·3
	5·21	12·11	7·0
Valencia	5·58	12·40	7·22
	6·0	12·40	7·19

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
p precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

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

SEA DISTURBANCE.

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

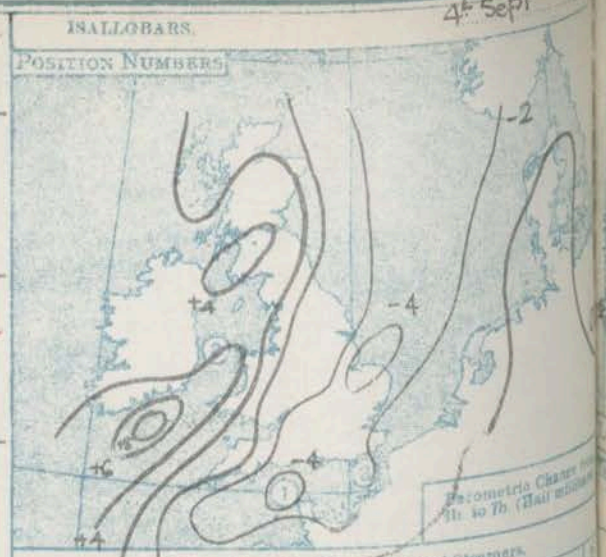
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 3rd	13h.-18h. 3rd	18h. 3rd to 1h. 4th	1h.-7h. 4th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.‡ Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 3rd Hours.
Lerwick	bc	co	omr	omr	54	49	•	-	12	-	<2100	8.0
Stornoway	p	p	c	bbc	55	38	•	2	1	-	-	0.0
Wick	c	oir	orr	orr	56	49	•	trace	11	17.30	0230	•
Castlebay	OTT	rrff	rfoc	c	55	50	•	4	0.1	09.00	-	0.0
Nairn	becg	cgd	r.r.o	occg	58	47	•	1	6	16.30	<2100	3.4
Aberdeen	bbc	co	omrr	Rrm	61	50	48	-	15	-	<2100	6.7
Malin Head	oo	mir.	or.r	coq	56	51	•	1	3	12.30	<2100	0.5
Renfrew	ofm	or.	ORR	ORRc	58	47	38	0.2	10	16.30	<2100	0.2
Edinburgh (Inchkeith)	oo	oo	iro	ir.	58	51	49	-	1	-	<2100	5.3
Leuchars	bbco	oo	oo	or.r.v	61	51	46	-	3	-	0230	6.0
Eskdalemuir	bcxco	oo	oor	orro	55	47	45	-	14	-	2400	2.4
Tynemouth	c	c	om	RRm	62	52	49	-	5	-	-	•
Blacksod Point ...	r-d	r-d	r-d	p	68	47	•	10	2	-	-	•
Donaghadee	c	omp	omr	omrbc	60	[illegible]	•	0.4	7	16.30	<2100	•
Birr Castle	co	c.OT To	corr	co	58	47	39	[illegible]	6			1.4
Holyhead	bcycv	cxbv	r.r.m	orRir.	60	52	52	-	21	-	<2100	7.0
Liverpool (Bidston) ...	b-bc	co	r-d		62	49	43	-	12	-	0230	7.8
Chester (Shotwick) ...	bmbcc	oc	oo	ooRRm	65	52	49	-	7	-	0230	6.8
Spurn Head	b-bc	c	bbc	r-d	60	51	•	-	trace	-	0630	9.7
Birmingham (Edgbaston)	bc	bcc	[illegible]	[illegible]	63	49	47	-	3	-	0430	9.8
Nottingham	b.c.	c	cb	cor	65	49	43	-	4	-	0230	8.1
Cranwell	bm	bcc	bccm	omd	62	47	39	-	1	-	0630	9.8
Gorleston	bcmbc	bcb	b	cbc	60	47	45	-	-	-	-	6.0
Valencia (Cahirciveen)	oor	ormd	ordm	oc	58	51	46	9	7	09.00	<2100	0.0
Roches Point	co	oddm	dmf	dro	58	52	•	0.4	6	16.30	0230	•
Pembroke (St. Ann's H.)	b-bc	bcc	oqpd	oqrr	59	54	•	-	9	-	2200	7.8
Ross-on-Wye	bvbc	bcyco	co	oir	63	51	47	-	3	-	0430	9.4
Benson...	bbc	b	bcb	oir	63	43	34	-	1	-	0630	•
Andover	bmc	cybcy	bcbbc	codrr	64	41	36	-	06	-	0530	9.8
S. Farnborough ...	bmdc	bcyc	o	copr	67	41	37	-	01	-	0630	10.3
London (Kew Obsy.) ...	bwmobc	bc	bcbcmw	bwop.o	64	45	33	-	trace	-	0630	8.6
Croydon	bcbmz	bcyc	cbm	bmwc	63	44	41	-	-	-	-	9.8
Clacton-on-Sea ...	bczcbc	bc	bc	bcc	61	49	43	-	-	-	-	9.0
Shoeburyness	b-bc		cbc	bcc	62	46	?	-	-		-	6.4
Grain	bmbcb	bbcco	ob	bwom	62	45	36	-	trace	-	-	9.3
Lympne	bcom	ocbc	b	bcwc	61	45	34	-	trace	-	-	5.4
Scilly (St. Mary's) ...	b-bc	bcr	bccq	cqomr	63	55	•	-	7	-	2400	11.0
Falmouth (Pendennis)	b-bc	bc	bcco	comr	61	53	•	-	4	-	0330	8.9
Plymouth (Cattewater)	cbc	bcc	bc	c.orr	63	54	51	-	4	-	0430	5.6
Portland Bill	b-bc	b-bc	bbc	c	62	55	•	-	2	-	0330	•
Southampton (Calshot)	bmbczy	bcybc	bbc	c	66	48	42	-	trace	-	0630	[illegible]
Dungeness	c	c	bbc	bbc	63	50	•	-	-	-	-	•
Jersey	bbcb	b	b	bco	64	46	•	-	-	-	-	•
Guernsey	b	b	bbc	c	62	52	•	-	trace	-	0630	11.7



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	3rd 1005	Cambria	SSW	3	bc	58	54
1	" 1100	Reindeer	NW	3	b	65	57
3	4th 0200	Dieppe	SW	1	bc	56	60

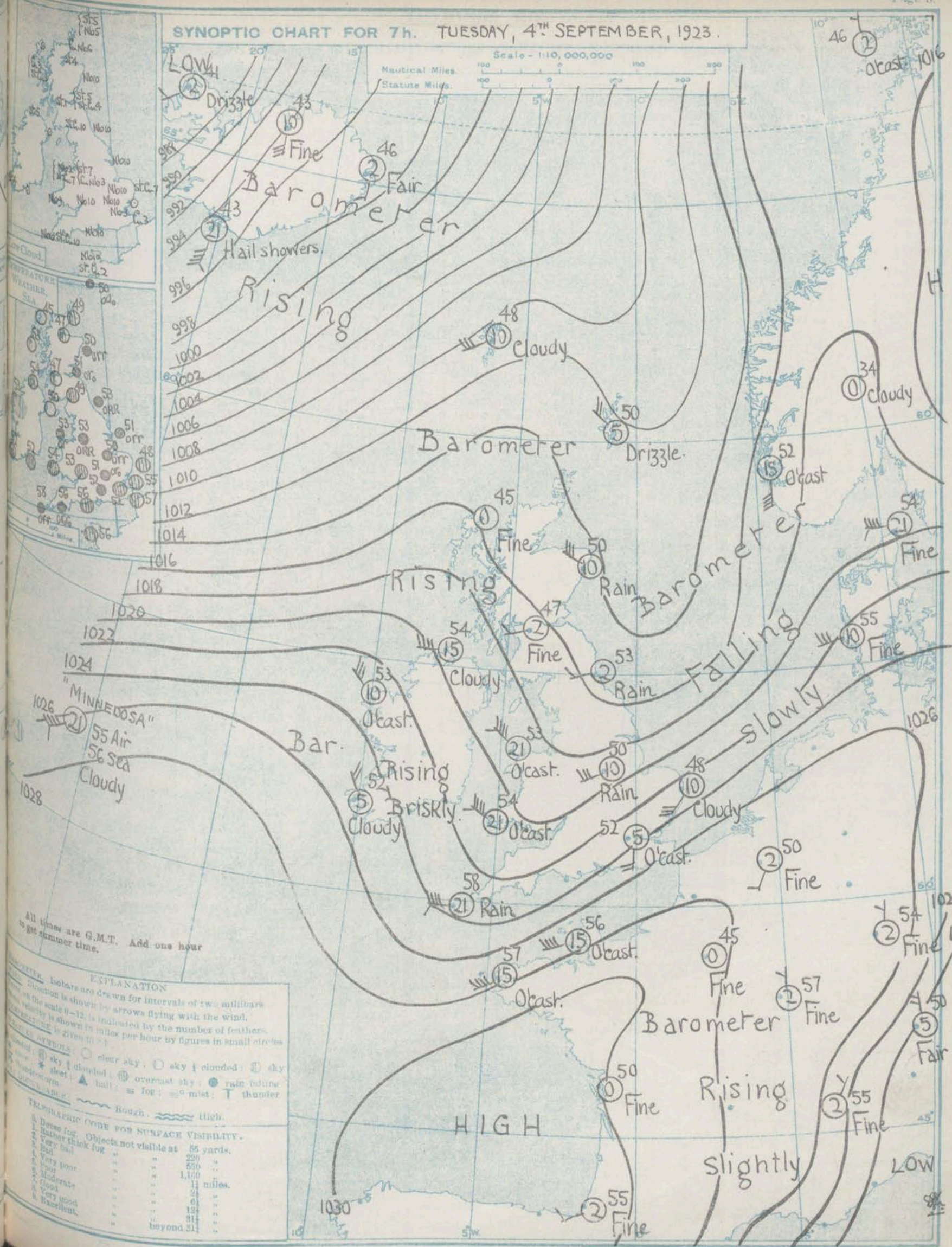
GENERAL INFERENCE.

The trough of low pressure now causing rain over Great Britain will be followed by a temporary fairer period with westerly winds. Further disturbances from the Atlantic are likely to follow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 4th September, 1923.	Further Outlook
1. S.E. England 2. E. England	Wind S.W. moderate or fresh, veering N.W. temporarily; rainy at first then fairer; visibility moderate to good; rather cool.	Unsettled.
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind W. to S.W., moderate or fresh; fair at first, some showers or rain later; visibility mainly good; rather cool.	
9. N. Midlands 10. N.E. England 11. E. Scotland	Wind westerly moderate; some rain then fairer temporarily; visibility moderate to good; rather cool.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 3 - 8.	

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

‡ For Code see opposite page


SYNOPTIC CHART FOR 7h. TUESDAY, 4TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
LOW
Drizzle
Fine
Fair
Hail showers
Barometer
Rising
Cloudy
Drizzle.
Barometer
O'cast
Cloudy
Fine
Rain
Barometer
Rising
Fine
Fine
Cloudy
Rain
Falling
Slowly
"MINNEHOSA"
55 Air
56 Sea
Cloudy
Bar.
Rising
Briskly.
Cloudy
O'cast.
Rain
Cloudy
O'cast.
Rain
O'cast.
Fine
Barometer
Rising
Slightly
HIGH
LOW
Fine
Fair
O'cast.
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fair
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine
Fine

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. TUESDAY 4TH SEPTEMBER 1923. No. 247.

Observations at 0100 G.M.T. 4th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013.4	-3	SSW	2	orr	52	92	6	4000	Nb	10	-	10
Stornoway	51	1014.7	0	W	2	c	•	•	5	•	•	•	•	•
Wick	81	1012.3	-2	SW	3	orr	52	97	7	1500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1016.9	+1	NW	3	c/r	53	85	8	4000	Nb	4	A.Cu	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1014.3	-6	SW	4	orr	56	85	9	•	Nb	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1019.6	-4	SW	3	c-	53	85	7	4000	StCu	8	-	8
Blacksod Point ...	10	1019.1	+2	-	0	oPR	52	85	7	•	•	10	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1018.8	-5	S'W	6	orr	56	97	6	800	Nb	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1023.2	-2	SSW	4	c+	52	85	7	4000	StCu	8	-	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1025.1	-2	SSW	3	o	51	92	6	4000	St	4	A.St	10
Gorleston	15	1025.9	-1	SW	2	b	49	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1020.7	+2	NNW	3	o/r	54	92	7	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1021.6	-5	SSW	6	od	57	85	7	1500	Nb	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1027.2	-1	SSW	3	b	45	92	6	-	-	0	A.Cu	1
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1027.2	0	W	1	bc	46	92	7	-	-	0	A.Cu	5
Scilly (St. Mary's) ...	131	1025.8	-3	SW	4	c+	57	92	8	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1025.8	-2	SW	5	c+	55	85	8	4000	StCu	8	-	8
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1026.7	-2	W	3	bc+	57	65	8	-	-	0	A.Cu	4
Southampton (Ca.shot)	12	1027.4	-2	SW	3	c+	52	92	8	-	-	0	A.Cu	8
Dungeness	21	1027.3	-1	NW	2	b	52	85	8	4000	Cu	2	-	2
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1028.4	0	W	2	b	53	75	7	-	-	0	C.Cu	3

Observations at 0700 G.M.T. 4th

STATIONS.	Barom. at M.S.L. m.b	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	Sunshine
Lerwick	1012.1	-2	NNW	2	od	50	92	6	1500	St	10	•	10	1
Stornoway	1015.5	+1	-	0	b-	48	92	8	-	-	0	•	0	0
Wick	1013.6	+2	NW	2	c/r	49	97	8	1500	CuNb	6	A.Cu	8	3.0
Castlebay	1017.5	+2	NNW	4	bc	53	75	8	2500	Cu	6	-	6	0
Nairn	1015.5	•	-	0	c/r	47	92	8	1500	St	8	-	8	0
Aberdeen	1015.0	+3	NW	3	orr	50	97	6	1500	Nb	10	•	10	4
Malin Head	1019.1	+2	NNW	4	c	54	75	8	5700	St	5	CuCu	7	•
Renfrew	1017.2	+4	WSW	1	b-	47	92	8	4000	St	1	CuCu	2	•
Edinburgh (Inchkeith)	1014.8	+2	WSW	4	or	51	85	7	•	St	9	-	9	•
Leuchars	1014.6	+2	NNW	3	o-	52	85	9	1500	St	5	A.St	10	•
Eskdalemuir	1017.0	+2	NNW	3	o	49	85	7	2500	StCu	10	-	10	0
Tynemouth	1015.3	-1	SW	1	oRR	53	97	5	1500	Nb	10	•	10	•
Blacksod Point ...	1022.5	+3	NW'N	3	o	53	85	8	•	•	0	•	0	•
Donaghadee	1019.2	+1	W	3	b-	50	97	8	-	-	•	•	•	5
Birr Castle	1024.0	•				49								•
Holyhead	1019.6	+5	NW'N	5	o/r	53	92	8	4000	StCu	9	-	10	•
Liverpool (Bidston) ...	1018.1	-1	NNW	3	oRR	53	97	6	1500	St	10	-	10	•
Chester (Shotwick) ...	1018.0	-1	NW	4	oRR	55	97	6	450	Nb	10	•	•	•
Spurn Head	1019.2	-4	SSW	5	orr	51	97	6	4000	Nb	10	-	10	2
Birmingham (Edgbaston)	1020.7	-2	SSE	5	o/r	50	92	7	800	Nb	10	-	10	•
Nottingham	1020.1	-1	SW	3	orr	50	97	6	2500	Nb	10	-	10	•
Cranwell	1020.9	-3	S	4	orr	49	97	7	2500	Nb	10	-	7	0
Gorleston	1023.7	-1	SSW	3	c+	48	85	6	4000	StCu	7	•	•	•
Valencia (Cahirciveen)	1025.7	+5	N'W	2	c-	52	85	8	1500	St	4	A.St	8	3.0
Roches Point	1023.9	+8	NW	2	o	52	92	8	-	-	0	C.St	9	•
Pembroke (St. Ann's H.)	1020.8	+1	NW	5	o-	54	97	8	2500	Nb	9	-	9	•
Ross-on-Wye	1020.7	-3	SW'S	3	o/r	53	85	7	1500	Nb	10	-	10	•
Benson	1022.9	-2	SSW	4	or+	51	92	6	•	Nb	10	•	•	•
Andover	1023.8	-2	SSW	4	orr	52	97	6	2500	Nb	2	A.St	10	•
S. Farnborough ...	1024.4	-2	SSW	3	o/r	52	92	7	1500	St	5	A.St	10	•
London (Kew Obsy.) ...	1024.8	-2	S'W	2	o/r	52	85	8	2500	Nb	3	A.St	9	•
Croydon	1024.8	-2	SW'S	3	o+	51	85	7	4000	StCu	6	A.St	10	•
Clacton-on-Sea ...	1024.3	-1	SSW	4	c+	55	85	7	-	-	0	ACu	7	2
Shoeburyness	1024.9	-3	SW	4	c	54	85	7	-	-	0	ACu	8	0
Grain	1024.9	-1	SSW	3	o+	53	85	6	4000	StCu	9	-	9	•
Lympne	1025.6	-1	WSW	2	o+	54	75	7	2500	St	4	ACu	9	•
Scilly (St. Mary's) ...	1023.9	-2	W	5	orr	58	97	5	2500	Nb	10	-	10	4
Falmouth (Pendennis)	1022.9	-2	WSW	6	orr	56	97	6	4000	StCu	10	-	10	3
Plymouth (Cattewater)	1024.0	-3	SW	4	or+	55	97	6	-	Nb	10	-	10	4
Portland Bill	1024.5	-4	SW	5	or+	56	85	6	2500	Nb	10	-	10	0
Southampton (Ca.shot)	1025.1	-2	SW	5	od	57	85	8	1500	St	9	A.St	10	4
Dungeness	1025.7	-3	WSW	4	c+	57	75	8	4000	Cu	10	C.Cu	10	3
Jersey	1027.2	0	SW	4	o	56	75	8	2500	StCu	10	-	10	7
Guernsey	1026.7	-1	WSW	3	or	54	92	8	1500	Nb	10	-		

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 7½-3rd °F.	Temperature. Max. Day. 3rd °F.	Rainfall.† Night 17h.-9h. 2-3rd mm.	Rainfall.† Day 9h.-17h. 3rd mm.	Sunshine. Sunrise to 17h. 3rd hr.	Sunshine. Sunrise to Sunset. 2nd hr.
Montrose	bmbc	bcco	40	59	1	-	4.3	0.4
Berwick-on-Tweed	zbub	bccov	46	60	-	-	7.5	5.7
Llandudno	bc	ebc	42	62	-	-	7.8	10.9
Colwyn Bay ...	bc	bc	40	63	-	-	8.6	1.0
Rhyl	bc	bcc	39	62	-	-	8.6	12.3
Southport	by	bycyo	43	62	-	-	7.2	6.5
Blackpool	cbc	cd	42	61	-	-	6.5	7.6
Ilkley	bbbc	b	37	62	-	-	6.1	6.0
Harrogate	c	c	40	60	0.4	-	7.7	7.3
Skegness	fembeb	b	42	63	2	-	8.4	7.1
Aberystwyth ...	ocb	b	40	61	-	-	7.0	9.7
Bath	mbbc	b	37	64	-	-	9.6	5.3 7
Leamington Spa ...	b	bc	36	62	-	-	9.5	7.5
Lowestoft	bco	ocb	45	58	0.3	-	5.9	8.0
Felixstowe	b	bz	46	61	-	-	7.2	11.3
Southend	bc	bcc	45	66	-	-	8.2	9.2
Dover	ocbcc	ocbcc	48	61	-	-	4.7	8.4

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 2-3rd °F.	Temperature. Max. Day. 3rd °F.	Rainfall.† Night 17h.-9h. 2-3rd mm.	Rainfall.† Day 9h.-17h. 3rd mm.	Sunshine. Sunrise to 17h. 3rd hr.	Sunshine. Sunrise to Sunset. 2nd hr.
Ilfracombe	cbc	bcc	50	62	-	-	7.9	52
Bude	wbbc	bcbbc	40	62	-	-	8.4	86
Paignton	bc	c	40	64	-	-	7.2	46
Torquay	b	bcco	43	63	-	-	6.9	55
Weymouth	b	b	44	67	0.3	-	10.7	42
Bournemouth ...	b	b	42	65	-	-	10.5	30
Portsmouth (S'thsea)	bo	b	44	64	-	-	8.3	57
Littlehampton ...	bbmbc	bc	42	63	-	-	9.7	77
Worthing	bbc	bc	43	66	-	-	8.5	60
Brighton	bc	bc	46	64	-	-	8.0	67
Eastbourne	bbco	ocbc	49	63	-	-	5.4	93
Hastings	bbcc	coc	49	62	-	-	5.8	72
Folkestone	b	bc	50	63	-	-	7.5	70
Tunbridge Wells ...	bbc	bcc	41	64	-	-	6.8	92
Ramsgate	bcb	b	47	*	-	-	9.5	106
Margate	b	b	51	60	-	-	10.0	105
Deal	cbcc	bcc	45	63	-	-	6.5	92

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 5. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22567. WEDNESDAY, 5TH SEPTEMBER, 1923.

Observations at 1800 G.M.T. 4

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	1012·9	+1	NNW	2	c	54	75	6	4000	Cu	5	CiSt	8	•
Stornoway	1016·0	+1	W	5	bc	58	55	8	4000	Cu	4	-	4	•
Wick	1015·5	+2	WNW	3	bc	55	65	8	5700	Cu	5	-	5	•
Castlebay	1019·0	+1	W	4	bc	55	75	8	2500	Cu	5	-	5	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1017·1	+3	NW	3	bc	59	65	8	2500	Cu	4	-	4	1
Malin Head	1021·3	+2	W	5	0jp	55	75	8	4000	St	4	ASt	10	•
Renfrew	1020·1	+2	W	4	opr0	60	55	8	2500	Cu	7	Ci	10	1
Edinburgh (Inchkeith)	1018·4	+3	NW	4	bc-	57	65	8	-	Cu	2	CiSt	4	•
Leuchars	1018·0	+3	WNW	3	bc+	59	55	8	5700	StCu	6	-	6	0
Eskdalemuir	1019·9	+2	WNW	5	bc	57	55	8	4000	Cu	3	Ci	5	0
Tynemouth	1019·1	+3	N	2	bc/r	55	85	8	1500	CuNb	5	-	5	•
Blacksod Point	1023·8	+1	SW	4	0	56	75	8	*	*	*	*	10	•
Donaghadee	1022·2	+3	W	3	bcpq	54	85	8	1500	St	6	-	6	•
Birr Castle	1025·5	*	W	2	c+	59	65	8	4000	Cu	6	CiCu	8	•
Holyhead	1024·2	+4	WNW	4	c	57	65	8	4000	Cu	1	CiSt	7	0
Liverpool (Bidston)	1022·6	+4	WNW	5	bc-	57	65	8	2500	StCu	4	-	4	•
Chester (Shotwick)	1022·9	+5	NW'W	6	0?	59	75	8	1500	StCu	~~8~~ 5	CiCu	~~7~~ 7	1
Spurn Head	1020·2	+3	NW	~~2~~ 4	bc/r	57	85	7	4000	CuNb	6	-	6	•
Birmingham (Edgbaston)	1022·9	+4	W	5	0-	58	65	7	2500	Cu	7	Ci	9	1
Nottingham	1020·8	+2	WNW	4	c-	62	55	7	2500	StCu	6	CiSt	8	•
Cranwell	1020·4	+2	NW'W	3	0	59	75	6	1500	Nb	10	-	10	2
Gorleston	1021·2	-1	SSW	4	0r0r0	53	92	5	4000	Nb	10	-	10	•
Valencia (Cahirciveen)	1028·8	+3	W	3	c	58	65	8	2500	StCu	3	ASt	7	1
Roches Point	1027·2	+3	WNW	3	c-	60	65	8	4000	Cu	5	CiSt	8	•
Pembroke (St. Ann's H.)	1026·5	+2	NNW	4	0	58	85	8	4000	Cu	3	CiSt	9	•
Ross-on-Wye	1022·4	+4	NNW	2	c	62	75	9	4000	Cu	6	Ci	8	1
Benson	1022·2	-1	SW	3	0/r	58	92	8	*	StCu	10	•	10	1
Andover	1022·1	-1	SW	4	0/r	58	97	8	800	Nb	10	-	10	1
S. Farnborough	1022·6	-1	WSW	3	0/r	58	92	6	800	Nb	10	-	10	1
London (Kew Obsy.)	1022·8	-2	SW	2	0r0r0	57	92	6	1500	Nb	10	-	10	2
Croydon	1022·8	-2	SW	4	0d0d0	56	92	7	800	Nb	10	-	10	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022·8	-3	SW	4	odd	56	92	5	1500	Nb	8	ASt	10	*
Grain	1022·9	-2	SW'S	5	odd	55	92	6	800	Nb	10	-	10	1
Lympne	1024·0	-2	SW	4	od	54	85	6	450	Nb	9	ASt	10	5
Scilly (St. Mary's)	1027·1	+3	WNW	4	bc-	60	85	8	4000	StCu	4	Ci	6	•
Falmouth (Pendennis)	1027·4	+3	NNW	3	c+	61	75	8	4000	Cu	8	-	8	•
Plymouth (Cattewater)	1025·1	+4	N	3	c-	61	75	8	2500	StCu	8	-	8	1
Portland Bill	1022·7	-2	WSW	5	c/r	60	92	7	4000	StCu	8	-	8	•
Southampton (Calshot)	1023·3	-2	SW	5	od-	58	97	6	800	Nb	10	-	10	2
Dungeness	1024·0	-2	SW	5	opr0	57	85	7	4000	Nb	10	-	10	•
Jersey	1026·2	0	SW	3	odd	58	97	6	800	Nb	10	•	10	•
Guernsey	1025·7	-2	W	4	od0d0	57	97	4	220	St	10	-	10	*

Observations at 1800 G.M.T. 4

STATIONS.	Barom. at M.S.L. m.b	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	1013·9	+2	W	2	b-	53	75	6	4000	Cu	3	·	3	0
Stornoway	1015·9	-1	WSW	2	bc+	53	75	8	1500	St	4	ASt	6	1
Wick	1016·8	+2	WSW	1	bc-	53	85	8	7200	Cu	2	Ci	5	0
Castlebay	1018·3	0	W	5	0	53	75	8	1500	St	10	-	10	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1017·3	0	W	1	bc-	53	75	8	4000	Cu	2	CiCu	5	•
Malin Head	1018·1	+1	WSW	1	c-	55	75	7	2500	StCu	6	CiSt	8	0
Renfrew	1021·3	0	WSW	5	or	52	85	8	4000	Nb	4	ASt	10	4
Edinburgh (Inchkeith)	1021·4	+2	WSW	3	0⊕	53	75	8	2500	Nb	2	CiSt	10	•
Leuchars	1019·6	+3	W	4	0+	54	75	8	*	StCu	2	CiSt	9	3
Eskdalemuir	1019·0	+2	WNW	4	0+	55	65	8	4000	StCu	2	ASt	9	•
Tynemouth	1022·0	+1	W	3	0	51	75	8	2500	Cu	1	ASt	10	•
Blacksod Point	1021·1	+1	W	2	bc	58	75	7	1500	CuNb	2	Ci	4	1
Donaghadee	1023·7	-1	W	5	0	55	85	7	*	*	*	*	10	7
Birr Castle	1023·3	+1	NW'W	2	0+	55	85	8	·	-	0	ASt	10	2
Holyhead	1026·6	*	SSW	2	c	54	85	7	2500	Nb	8	·	8	•
Liverpool (Bidston)	1025·6	+1	SW'W	3	0	57	75	9	2500	StCu	7	ASt	10	2
Chester (Shotwick)	1025·0	+2	W	3	bc	55	75	8	2500	Cu	3	ASt	6	3
Spurn Head	1024·9	+1	WNW	4	0	57	75	8	2500	StCu	3	Ci	9	•
Birmingham (Edgbaston)	1022·8	+4	N	1	0	59	85	8	·	·	0	Ci	9	1
Nottingham	1025·8	+3	WNW	4	mo	55	55	5	~~4~~	~~4~~	~~0~~	ACu	~~9~~	•
Cranwell	1024·3	+4	WNW	3	0+	57	65	6	4000	StCu	2	CiSt	10	•
Gorleston	1024·0	+3	W'N	3	0	56	85	6	2500	StCu	8	ASt	10	•
Valencia (Cahirciveen)	1021·9	+1	NNW	2	c-	57	85	6	4000	StCu	8	·	8	1
Roches Point	1029·5	+1	WSW	4	bc-	57	75	5	2500	StCu	2	ACu	5	3
Pembroke (St. Ann's H.)	1028·4	+1	W	3	c-	59	65	8	5700	StCu	4	ACu	7	0
Ross-on-Wye	1027·7	+1	W	1	0	56	75	8	·	-	0	ASt	9	4
Benson	1025·4	+4	NW	3	0	58	65	8	4000	StCu	2	CiCu	9	•
Andover	1024·6	+3	NW	4	bc	58	75	7	·	-	0	CiCu	8	•
S. Farnborough	1023·9	+3	N	3	0	59	75	8	4000	StCu	4	CiSt	10	•
London (Kew Obsy.)	1024·1	+3	NNW	3	mo	60	75	6	1500	Cu	4	Ci	10	•
Croydon	1024·1	+3	NW	1	c/r	59	85	6	1500	St	3	Ci	7	•
Clacton-on-Sea	1024·9	+5	N	1	0/r	59	85	5	4000	StCu	4	CiSt	10	•
Shoeburyness	1022·8	+2	W	2	0-	58	97	5	2500	Nb	5	ASt	10	2
Grain	1023·6	+1	W'N	3	0	59	85	6	4000	StCu	9	CiSt	10	0
Lympne	1023·0	-1	WNW	2	odd	56	92	1	450	Nb	10	-	10	•
Scilly (St. Mary's)	1029·3	+2	NW	3	c	56	92	8	4000	StCu	6	Ci	8	4
Falmouth (Pendennis)	1028·4	+2	NNW	3	bc	56	75	8	4000	Cu	6	·	6	0
Plymouth (Cattewater)	1027·7	+6	N	3	c-	57	65	8	2500	St	2	ASt	8	0
Portland Bill	1024·6	+4	W	4	bc	61	65	7	·	-	0	CiCu	8	4
Southampton (Calshot)	1024·3	+3	N	2	0+	63	85	8	1500	StCu	7	ASt	9	0
Dungeness	1023·5	-1	WSW	4	opr0	59	97	6	1500	Nb	10	·	10	4
Jersey	1025·7	0	WNW	3	c/r	60	85	8	4000	StCu	6	CiCu	8	3
Guernsey	1026·5	+3	WNW	2	bc-	58	85	8	·	-	0	Ci	5	1

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 5								YESTERDAY.	TO-DAY.	
Kew (24 hours ended 0700)	18	00r	odmc	cmom	*	*	35	5	-	0.1	*	*
Croydon (24 hours ended 0700)	244	0rrdd	odd	mobcmo	*	*	40	2	-	0.2	*	*
Greenwich (Royal Obsy.)	149	od	od	obcom	60	45	34	1	-	0.0	96	79
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	60	45	41	/		0.1	92	81
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	0.0	*	*
Camden Square	110	0r	0r.0	*	59	46	41	2	-	*	*	86
Kensington Palace	80	odr	do.0	*	59	46	38	2	-	*	87 (18h)	86
Hampstead Observatory	450	*	*	*	58	45	36	3	-	0.1	*	88

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 4

South Kensington			
Max.	Time.	Min.	Time.
0·6	3rd 20h.	0·3	4d 1h.
0·6	4th 7h.		

Kew Observatory			
Max.	Time.	Min.	Time.
0·4	3rd 20h.	<0·3	3rd 16h.
0·4	4th 10h.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4h 19m 45s to 5h 04m 15s

Stars.	Exposure.	Record.	
	h. m.	h. m.	%
Polaris	8·30	7·10	84
δ Ursæ Minoris	8·30	6·26	76

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 1200 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DETURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per ½ sec.	Stren.	Direc.
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-
21h.	-	-	-	-
22h.	-	-	-	-

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

5th & 6th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·11 / 5·12	11·52 / 11·51	6·32 / 6·30
Greenwich	5·20 / 5·21	11·59 / 11·58	6·37 / 6·35
Wick	5·21 / 5·23	12·11 / 12·10	7·0 / 6·57
Valencia	6·0 / 6·1	12·40 / 12·39	7·19 / 7·17

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r0r0 = continuous light rain.

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.

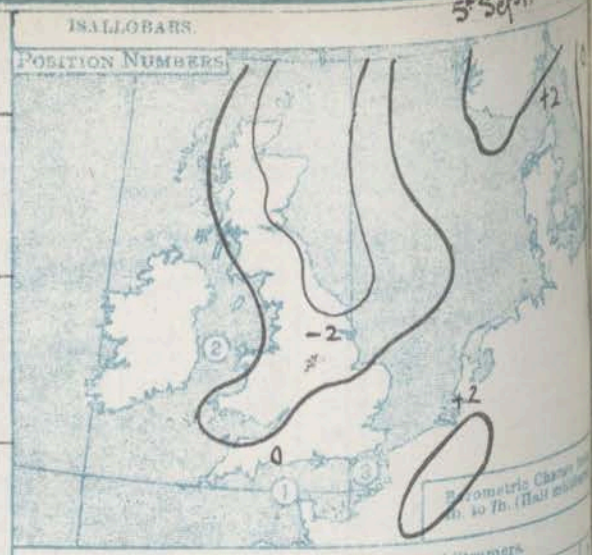
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 4h	WEATHER. 13h.-18h. 4h	WEATHER. 18h. 4h to 1h. 5	WEATHER. 1h.-7h. 5	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.‡ Day. 7h.-18h. mm.	RAINFALL.‡ Night. 18h.-7h. mm.	RAINFALL.‡ Precipitation began.	RAINFALL.‡ Precipitation began.	SUN. 4h Hours.
Lerwick	ompr	c	oc	od	56	49	•	-	trace	-	0630	4.3
Stornoway	bc	c	p	r.d	58	48	•	-	3	-	-	8.6
Wick	c	oprr	c	oir	57	46	•	0.4	0.6	14.30	0130	•
Castlebay	bcpbc	bco	opr	mop	55	51	•	0.1	4	-	-	6.6
Nairn	cgbc	bc	d.d.c	d.gb	60	49	•	-	1	-	-	7.8
Aberdeen	rcbcq	bccjp	cop.r	op.rm	60	48	38	0.6	trace	<0800	<2100	5.0
Malin Head	coq	oir	oir.D	oirm	57	51	•	1	6	15.30	<2100	3.9
Renfrew	bp.oy	op.o	ood.	r.r	60	49	43	0.1	3	12.30	<2100	6.9
Edinburgh (Inchkeith)	c	c	oo	r.r.o	58	50	48	-	0.1	-	2400	9.1
Leuchars	ovbbcy	bccyo	oco	oo	61	47	38	-	-	-	-	7.7
Eskdalemuir	bcy	bccpo	orodm	opbcor	59	46	43	trace	3	15.30	<2100	7.1
Tynemouth	r-d	b-bc	bbcm	bo	58	50	44	2	-	<0800	-	•
Blacksod Point ...	oo	r-d	r-d	p	59	51	•	1	0.1	-	-	•
Donaghadee	bc	op	or	b	61	51	•	1	0.2	13.30	<2100	•
Birr Castle	c	cpr	co	co	60	51	45	0.1	-	16.30	-	7.3
Holyhead	oc	cov	r.o	oo	60	54	51	-	trace	-	<2100	8.4
Liverpool (Bidston)...	pobc	bcc	o	o	59	51	46	1	-	<0800	-	4.6
Chester (Shotwick) ...	ORd.Amc	ccoo	oom	omo	60	51	44	1	-	<0800	-	6.0
Spurn Head	orrc	c	c	c	60	51	•	3	-	<0800	-	4.0
Birmingham (Edgbaston)	or.c	moy	obcc	co	60	48	41	-	-	-	-	3.0
Nottingham	or	c	o	oo	62	48	43	2		<0800	-	3.0
Cranwell	orrpc	oo	c	c	61	47	43	4	-	<0800	-	2.7
Gorleston	comr	oroc	oo	ocz	58	47	44	2	-	13.30	-	0.8
Valencia (Cahirciveen)	c	cbc	cbcb	bbco	58	53	48	-	-	-	-	10.0
Roches Point	oc	c	cb	bwc	63	50	•	-	trace	-	-	•
Pembroke (St. Ann's H.)	c	c	oo	c	59	55	•	-	-	-	-	8.5
Ross-on-Wye	id.oycv	cbc.oc	oco	oo	64	50	46	0.1		14.30	-	4.5
Benson...	ro	cbc	bc	bccow	64	43	35	2	trace	<0800	-	•
Andover	orrddo	oco	ocbcb	bccoo	65	44	39	2	-	<0800	-	1.8
S. Farnborough ...	orro	ooir	bmom	ombm	66	41	38	3	trace	<0800	-	1.2
London (Kew Obsy.)...	oorr	odmcm	cmbcm	cmom	60	46	39	5	-	<0800		0.1
Croydon	orrdd	odgm	obcbm	bmcw	60	47	40	2	-	<0800	•	0.2
Clacton-on-Sea ...	cogrd	ogpdm	og	oc	58	47	44	2	•	<0900	-	0.4
Shoeburyness... ...	corrddm		bbccom	pmcocb	59	46	40		•		-	0.1
Grain	omrdd	odogz	ombmm	bmrom	59	48	39	2	-	<0900	-	0.3
Lympne	orm	oddf	adfm	bm	59	44	40	4	trace	<0800	<2100	1.6
Scilly (St. Mary's) ...	omrc	c	bcbm	bc	61	54	•	0.4	-	<0800	-	5.6
Falmouth (Pendennis)	omrbc	bc	bc	bc	61	51	•	2	-	12.30	-	5.7
Plymouth (Cattewater)	oc	bcc	bcb	b	61	46	32	3	-	<0800	-	3.6
Portland Bill	r-d	c	bbc	bbc	63	54	•	1	-	<0800	-	•
Southampton (Calshot)	oddmm	c	obo	oo	65	48	45	3	-	<0800	-	1.9
Dungeness	p	f.mw	c	c	63	47	•	1	-	11.00	-	•
Jersey	orrad	oddo	ocb	bco	61	53	•	3	-	<0800	-	0.1
Guernsey	bd.d.ot	odcbc	bbc	bbc	59	53	•	3	-	<0800	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	4th 1000	Cambria	NW	5	bc	54	55
1	4th 1100	Ibex	WSW	6	d	58	55

GENERAL INFERENCE.

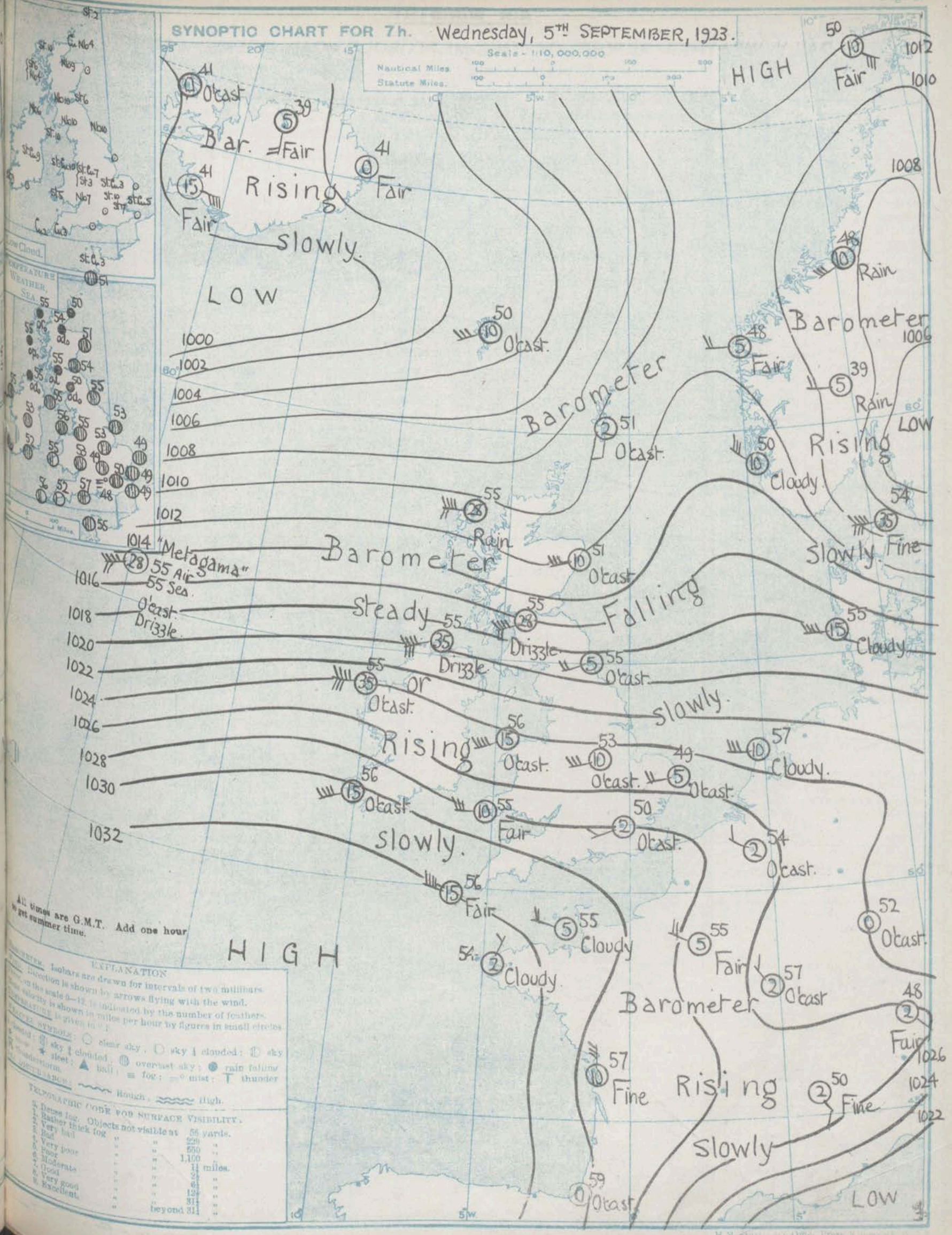
Low pressure to the north and high pressure to the south and southwest of the British Isles will maintain a westerly current strong at times in the North. Secondary depressions will cause local rain, mainly in the northern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 5th September, 1923.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Light or moderate westerly winds; mainly fair; visibility moderate to good; rather cool.	Unsettled with westerly winds.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind westerly moderate or fresh; cloudy, local showers or slight rain; visibility moderate to good; rather cool.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind westerly strong at times; cloudy, some rain; visibility moderate to good; rather cool.	
19. S.E. Ireland 20. S.W. Ireland	As 6 - 10.	

G.B.S.

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

‡ For Code see opposite page


SYNOPTIC CHART FOR 7h. Wednesday, 5TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Fair
1012
1010
1008
1006
Bar. Rising slowly.
Fair
LOW
Barometer
Rising
Rain
Fair
Cloudy
Slowly
Fine
Barometer
Falling
Steady
Drizzle
Cloudy
Slowly.
Rising
Slowly.
HIGH
Barometer
Rising
Fine
Slowly
LOW
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
"Metagama"
55 Air
55 Sea.
O'cast.
Drizzle.
Drizzle.
or
O'cast.
O'cast.
O'cast.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Wednesday 5th September 1923. No. 248

Observations at 0100 G.M.T. 5

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013.3	-2	W	2	0	51	85	6	-	-	0	A.Cu	9
Stornoway	51	1012.5	-4	W	4	PR	•	•	5	•	•	•	•	•
Wick	81	1013.4	-3	SSW	3	or+	50	92	9	1500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1018.8	-3	WSW	7	o/r	55	92	7	4000	Nb	7	A.St	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1018.0	-3	WSW	5	or	51	85	8	-	-	0	A.St	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1021.2	-1	SW	2	b+	52	85	6	800	St	3	-	3
Blacksod Point ...	10	1023.7	-1	W	7	o	55	92	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1025.9	0	SW'W	4	o	65	85	8	2500	St	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1024.5	+1	W	4	c	52	92	6	-	-	0	A.St	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1025.6	+2	WSW	3	b-	48	97	6	-	-	0	A.St	2
Gorleston	13	1025.1	+1	W	2	o	60	92	6	-	-	0	A.St	10
Valencia (Cahirciveen)	30	1029.3	0	W'S	3	bc	55	92	9	•	St	4	-	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1028.6	+1	W	3	o	56	85	8	4000	St Cu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	50	•	•	•	•	•	•	•
Croydon	244	1027.4	+2	W	1	b-	49	85	6	-	-	0	A.Cu	2
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1026.5	+3	N	3	b	47	97	6	-	-	0	C.St	3
Scilly (St. Mary's) ...	131	1031.0	+1	NNW	4	b	55	85	8	-	-	0	-	0
Falmouth (Pendennis)	200	1030.4	+2	NNW	3	b	53	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1029.1	+2	NW	3	b	55	?	7	-	-	0	-	0
Southampton (Calshot)	12	1028.4	+2	NW	4	o+	53	85	8	5700	St Cu	10	-	10
Dungeness	21	1026.0	+2	NNW	3	bc	48	97	6	-	-	0	A.St	5
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1029.3	+3	N'W	3	b	54	85	6	-	-	0	-	0

Observations at 0700 G.M.T. 5

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun.
Lerwick	1010.2	-2	S	1	o/r	51	85	6	2500	St	2	A.Cu	9	0
Stornoway	1010.4	+1	W	6	or	55	92	5	450	St	10	•	10	5
Wick	1009.7	-3	SW	3	or	50	97	8	2500	C.Nb	4	A.St	10	3
Castlebay	1015.4	+1	WSW	5	opr	55	92	6	1500	St	10	-	9	•
Nairn	1010.9	•	-	0	odd	54	92	8	2500	Nb	9	A.St	10	0
Aberdeen	1013.2	-3	SW	3	o+	51	92	7	-	-	0			
Malin Head	1019.7	+1	WSW	7	odd	55	97	6	4000	Nb	6	A.St	10	5
Renfrew	1017.5	0	WSW	6	odd	55	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1014.9	0	WSW	5	o/r	54	92	7	•	St	6	A.St	10	2
Leuchars	1014.0	-4	SW	6	o	55	92	7	800	St	6	A.St	10	•
Eskdalemuir	1019.3	-1	SW	5	odd	50	97	4	450	Nb	10	-	10	0
Tynemouth	1019.2	-2	WSW	2	o	55	85	6	1500	Nb	10			
Blacksod Point ...	1024.3	+1	W	7	o	55	85	7	•	•	0	•	10	6
Donaghadee	1021.6	0	SW'W	3	o+	55	85	8	1500	St	10	-	10	3
Birr Castle	1026.0	•	SW	1	o+	53	85	7	4000	St Cu	9	-	9	•
Holyhead	1025.7	+2	SW'S	4	o	56	85	7	4000	St Cu	10	-	10	3
Liverpool (Bidston) ...	1024.3	0	WSW	5	o	55	85	8	1500	St Cu	10	-	10	6
Chester (Shotwick) ...	1024.9	0	WSW	4	o	56	75	7	4000	St Cu	1	A.Cu		•
Spurn Head	1023.4	0	WSW	5	o	53	85	7	-	-	0	A.St	10	2
Birmingham (Edgbaston)	1026.6	0	SSW	3	o	51	85	8	4000	St Cu	3	A.St	10	•
Nottingham	1025.2	-1	SW	3	o	53	85	6	2500	St Cu	3	A.St	10	•
Cranwell	1025.6	0	WSW	3	o	51	92	7	2500	St	10	-	9	0
Gorleston	1024.9	0	W'S	2	o-	49	85	6	-	-	0	A.St		
Valencia (Cahirciveen)	1030.1	+1	WSW	4	o+	56	85	8	1500	St	9	-	9	4
Roches Point	1029.0	0	W	1	c	52	85	8	-	-	0	C.St	8	0
Pembroke (St. Ann's H.)	1028.4	0	W	3	bc-	55	85	8	4000	St Cu	5	-	5	3
Ross-on-Wye	1027.0	-1	SSW	2	o	53	85	8	2500	Nb	7	A.St	10	•
Benson...	1027.8	+1	SW	2	o	49	92	6	•	St	10	-	10	•
Andover	1028.5	0	W	1	o	50	92	8	5700	St Cu	7	A.St	10	•
S. Farnborough ...	1028.3	+1	-	0	mmo	48	97	6	-	-	0	A.St	10	•
London (Kew Obsy.) ...	1028.3	+1	SW'S	1	o	50	85	6	2500	St	7	A.St	10	•
Croydon	1027.8	0	W'S	3	o+	50	85	6	5700	St Cu	9			
Clacton-on-Sea ...	1026.5	+1	W	2	o	49	92	7	4000	St Cu	5	A.St	10	0
Shoeburyness	1027.1	+1	SW	3	o	51	85	8	-	-	0	A.Cu	9	•
Grain	1027.3	+1	WSW	2	o+	51	85	6	5700	St Cu	8	C.St	10	0
Lympne	1027.6	+1	NNW	2	o	47	92	6	-	-	0	C.St	10	•
Scilly (St. Mary's) ...	1031.4	0	NNW	4	bc	56	85	7	4000	Cu	2	C.Cu	3	2
Falmouth (Pendennis)	1030.8	0	W	2	b+	52	92	8	4000	Cu	3	-	1	0
Plymouth (Cattewater)	1030.4	0	-	0	b-	50	92	6	5700	St	1	-	8	3
Portland Bill	1028.9	0	NNW	3	c+	57	75	7	-	-	0	A.Cu	9	0
Southampton (Calshot)	1029.2	+1	NW'W	3	o	53	85	8	5700	St Cu	6	A.St	8	0
Dungeness	1027.8	+2	NW	2	c+	49	92	6	-	-	0	C.Cu	3	0
Jersey	1030.4	+1	NW	2	c	55	85	8	4000	St Cu	3	C.Cu	8	0
Guernsey	1030.6	+1	NW'W	1	c	55	85	8	-	-	0	A.Cu	8	0

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 3-4 °F.	Temperature. Max. Day. 4 °F.	Rainfall.† Night 17h.-9h. 3-4 mm.	Rainfall.† Day 9h.-17h. 4 mm.	Sunshine. Sunrise to 17h. 4 hr.	Sunshine. Sunrise to Sunset. 3-4 hr.
Montrose	ocp	cbcc	50	63	4	1	6.2	4.3
Berwick-on-Tweed	pr om	obcbc	49	61	3	0.1	5.9	7.5
Llandudno	cb	bcc	52	59	8	-	6.7	7.8
Colwyn Bay ...	c	bc	52	59	7	-	7.8	8.6
Rhyl...	cbc	bc	52	56	5	-	6.3	8.8
Southport	bc	bcco	52	59	19	-	6.2	7.2
Blackpool	orc	bcc	52	60	16	-	6.6	6.5
Ilkley	obcbb	b	50	62	4	-	6.2	6.1
Harrogate	opb	bcc	50	60	8	0.1	5.8	7.7
Skegness	robc	cbc	49	62	3	1	2.7	8.9
Aberystwyth ...	rcb	b	54	58	11	-	7.0	7.0
Bath	doc	cbcc	48	67	2	Trace	2.9	9.7
Leamington Spa ...	od	cb	49	62	2	-	1.5	9.5
Lowestoft	or	ro	47	58	-	2	1.1	6.1
Felixstowe	ogr	drom	49	61	-	2	0.7	7.9
Southend	or	oro	47	59	0.4	2	0.0	8.5
Dover	bbcco	redod	47	60	-	3	2.0	4.7

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 3-4 °F.	Temperature. Max. Day. 4 °F.	Rainfall.† Night 17h.-9h. 3-4 mm.	Rainfall.† Day 9h.-17h. 4 mm.	Sunshine. Sunrise to 17h. 4 hr.	Sunshine. Sunrise to Sunset. 3-4 hr.
Ilfracombe	oc	cbc	52	62	9	-	4.0	6.0
Bude	ordoc	cbcc	54	60	5.3	-	5.2	6.4
Paignton	odrm	bccbcc	52	67	3	-	5.6	7.8
Torquay	rodo	b	54	67	3	-	5.0	6.9
Weymouth	roc	cbc	54	67	5	0.2	4.1	11.6
Bournemouth ...	rrr	cc	50	65	3	1	3.5	10.5
Portsmouth (S'thsea)	ro	bcc	48	66	1	1	2.2	9.0
Littlehampton ...	ococp	ocrbc	46	62	-	3	0.3	10.4
Worthing	ro	ro	43	60	1	2	0.1	8.6
Brighton	d	d	44	60	-	3	0.0	8.4
Eastbourne	r	ro	48	59	-	6	0.2	6.2
Hastings	op d	odo	49	59	-	2	0.0	5.8
Folkestone	d	d	48	60	0.2	3	1.3	4.5
Tunbridge Wells ...	or	oro	42	59	0.3	2	0.0	6.3
Ramsgate	bco	oroe	47	"	-	1	1.4	4.6
Margate	or	o	49	61	-	1	1.6	10.7
Deal	cro	do	46	62	-		1.7	6.8

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. No. B 22568 THURSDAY, 6TH SEPTEMBER, 1923.

Observations at 1300 G.M.T. 5

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	−1	W	2	o/r	53	92	6	800	St	5	Ci St	9	•
Stornoway	1013·3	+2	W	5	opr₀	54	85	7	450	St	10	-	10	•
Wick	1011·1	+3	W	4	o/r	56	92	7	2500	Nb	10	-	10	•
Castlebay	1018·1	+2	W	5	opr₀	55	92	6	800	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1013·7	+1	WNW	3	o	64	65	8	2500	StCu	9	-	9	1
Malin Head	1021·9	+2	W	7	o	57	85	7	4000	Nb	7	A St	10	•
Renfrew	1020·0	+3	W	5	od₀d	58	85	7	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1017·2	+3	WSW	6	o	58	75	8	*	St	10	-	10	•
Lerwick	1016·3	+3	WSW	5	o	61	75	8	2500	StCu	8	A St	9	0
Eskdalemuir	1020·3	+2	WSW	4	od₀	55	85	7	800	Nb	10	-	10	1
Tynemouth	1019·4	+1	W	3	o	59	85	7	4000	StCu	10	-	10	•
Blacksod Point	1025·9	+1	W	6	o	58	85	7	*	*	*	*	10	•
Donaghadee	1022·2	0	W	4	c-	62	75	8	1500	StCu	4	ACu	7	•
Birr Castle	1028·2	*	SW	3	c-	61	75	8	4000	StCu	7	-	7	•
Holyhead	1026·4	+0	SW	4	bc	60	75	8	2500	Cu	2	ACu	4	0
Liverpool (Bidston)	1025·1	+1	WSW	6	bc+	59	75	7	2500	CuNb	6	-	6	•
Chester (Shotwick)	1025·2	−0	NW	6	b-	64	65	8	4000	Cu	1	ACu	2	0
Spurn Head	1022·8	−1	W	6	o	57	85	6	2500	StCu	10	-	10	•
Birmingham (Edgbaston)	1026·0	0	SW	4	c-	61	65	8	4000	Cu	1	A St	7	1
Nottingham	1024·7	0	W	4	c-	61	65	7	2500	Nb	3	Ci St	7	•
Cranwell	1024·9	0	W	4	c-	60	85	6	2500	StCu	8	-	8	0
Gorleston	1024·2	0	W	4	o	61	65	6	4000	StCu	9	-	9	•
Valencia (Cahirciveen)	1031·1	+1	WSW	4	o-	58	85	8	1500	St	10	-	10	0
Roches Point	1028·9	0	WNW	3	b-	65	65	8	5700	Cu	1	-	1	•
Pembroke (St. Ann's H.)	1029·2	0	W'N	5	bc	65	85	8	4000	Cu	6	-	6	•
Ross-on-Wye	1026·1	0	W'S	3	c-	64	55	8	-	-	0	Ci	7	0
Heston	1026·8	−1	WSW	4	b-	66	65	8	*	Cu	2	Ci	3	0
Andover	1027·1	0	W	5	c-	65	65	8	4000	Cu	1	Ci	7	0
S. Farnborough	1027·1	−1	WSW	3	c-	67	65	8	-	-	0	Ci	8	0
London (Kew Obsy.)	1027·1	−1	WSW	3	c-	64	55	8	-	-	0	Ci	7	1
Croydon	1026·8	−2	WNW	3	bc-	65	55	8	-	-	0	Ci St	6	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1026·2	−1	W	3	bc	65	65	6	-	-	0	ACu	4	*
Grain	1026·2	−2	W'S	4	b-	67	45	7	-	-	0	Ci	1	0
Lympne	1026·4	−3	W	3	bc	64	55	8	4000	Cu	1	Ci St	5	1
Scilly (St. Mary's)	1031·8	0	WNW	4	bc	63	75	8	4000	Cu	4	Ci Cu	5	•
Falmouth (Pendennis)	1031·1	−1	W	4	b	62	65	8	5700	Cu	3	-	3	•
Plymouth (Cattewater)	1030·4	0	NW	4	bc+	62	65	8	1500	StCu	6	-	6	0
Portland Bill	1028·9	0	NW	4	c	61	65	7	-	-	0	Ci Cu	8	•
Southampton (Calshot)	1028·5	−2	W	5	c-	63	65	8	2500	Cu	2	Ci St	8	0
Dungeness	1027·2	−1	SW	3	b	64	75	8	-	-	0	Ci St	3	•
Jersey	1031·0	0	WNW	3	b	62	75	8	-	-	0	ACu	1	•
Guernsey	1031·4	−1	W'N	4	c	58	85	8	5700	Cu	7	-	7	*

Observations at 1800 G.M.T. 5

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	1009·8	+3	WNW	2	c	53	85	6	5700	StCu	6	Ci St	8	1
Stornoway	1015·6	+2	W	5	o	55	92	7	450	St	10	-	10	4
Wick	1013·5	+3	WNW	3	or₀	54	97	6	1500	Nb	10	-	10	0
Castlebay	1019·0	+1	W	5	mnc	56	92	6	1500	Nb	8	-	8	4
Nairn	1015·4	*	W	3	bc	57	85	8	1500	St	6	-	6	•
Aberdeen	1016·0	+3	WNW	3	o	60	75	7	1500	Cu	9	-	9	0
Malin Head	1022·5	+1	WSW	6	o	56	92	7	2500	St	10	-	10	3
Renfrew	1021·5	+1	WSW	4	od₀d	55	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1018·4	+1	WSW	6	o	57	75	8	*	Cu	3	Ci St	9	4
Lerwick	1017·4	+3	W	6	c	58	75	8	4000	StCu	3	Ci	8	•
Eskdalemuir	1022·4	+2	SW'W	5	od₀	54	85	7	1500	St	10	-	10	•
Tynemouth	1019·9	0	W	3	o	58	85	7	800	St	9	-	9	2
Blacksod Point	1026·4	0	W	5	o	57	85	8	*	*	*	*	10	5
Donaghadee	1024·1	+1	W	1	o+	60	75	8	1500	St	9	-	9	3
Birr Castle	1026·4	*	W	2	c+	59	75	7	4000	StCu	8	-	8	•
Holyhead	1026·6	0	S'W	2	b	59	92	7	-	-	0	-	0	1
Liverpool (Bidston)	1025·2	0	W	4	b-	60	75	8	-	-	0	Ci St	1	5
Chester (Shotwick)	1025·3	0	WNW	5	b-	62	75	8	-	-	0	ACu	2	•
Spurn Head	1022·8	0	W	6	o-	57	85	6	2500	StCu	4	Ci	9	3
Birmingham (Edgbaston)	1026·0	0	WSW	4	b	61	65	8	-	-	0	Ci	3	•
Nottingham	1024·7	0	W	2	b-	59	75	6	-	-	0	Ci	1	•
Cranwell	1024·8	0	W'N	3	b-	58	85	7	4000	StCu	1	ACu	2	•
Gorleston	1023·9	0	WNW	1	o-	61	75	6	4000	StCu	9	-	9	0
Valencia (Cahirciveen)	1030·5	0	WSW	3	o+	57	85	8	1500	StCu	10	-	10	4
Roches Point	1028·6	0	WNW	3	b	63	75	8	4000	StCu	1	-	1	0
Pembroke (St. Ann's H.)	1028·8	-1	W	5	o	57	85	7	2500	StCu	3	-	3	5
Ross-on-Wye	1025·8	0	W	3	bc-	64	65	8	-	-	0	Ci	4	•
Heston	1026·6	0	WSW	2	b-	61	75	7	-	-	0	Ci	1	•
Andover	1026·8	0	W'N	4	b-	59	75	8	4000	Cu	1	Ci St	2	•
S. Farnborough	1026·3	0	W	3	bc-	62	65	8	-	-	0	Ci	4	•
London (Kew Obsy.)	1026·3	0	WSW	2	b	64	65	8	-	-	0	Ci	1	•
Croydon	1026·0	0	W	2	b	64	65	8	-	-	0	Ci	3	•
Clacton-on-Sea	1024·8	0	W	3	bc	66	65	6	2500	Cu	3	Ci St	3	0
Shoeburyness	1025·1	-1	W	2	b-	65	65	6	-	-	0	Ci	1	•
Grain	1025·4	0	W'S	3	b	63	65	8	-	-	0	Ci	1	0
Lympne	1025·6	-1	WSW	3	bc	62	75	8	-	-	0	Ci St	4	•
Scilly (St. Mary's)	1031·2	-1	W'N	4	c+	57	85	8	4000	StCu	8	-	8	4
Falmouth (Pendennis)	1031·2	0	SW	3	o+	57	75	8	5700	StCu	9	-	9	0
Plymouth (Cattewater)	1030·2	0	NW	3	c-	58	75	8	5700	StCu	8	-	8	0
Portland Bill	1028·8	-2	WNW	3	b-	61	65	7	-	-	0	-	0	4
Southampton (Calshot)	1027·3	0	NW'W	4	b-	64	65	8	-	-	0	Ci St	2	0
Dungeness	1025·6	-1	SW	4	bc	60	92	8	-	-	0	Ci St	4	4
Jersey	1029·6	0	WNW	4	bc+	60	75	8	-	-	0	ACu	4	3
Guernsey	1029·[illegible]	-2	WNW	5	bc+	57	85	8	4000	Cu	3	Ci	4	3

LONDON OBSERVATIONS.

	Heights above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.
		24 HOURS ENDED 0900 G.M.T.										
Kew	18	omc	cbcb	bwofN	*	*	38	-	tra.	8·1	*	*
Croydon (24 hours ended 0700)	244	obcy	bcbyb	bNmf	*	*	38	-	tra.	7·8	*	*
Greenwich (Royal Obsy.)	149	ob	b	bwmO	69	48	36	-	-	7·6	52	95
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	7·1	*	*
Westminster (St. James' Pk.)	27	*	*	*	68	48	42	-	-	7·4	54	92
Regent's Pk. (Botanic Gdn.)	—	*	*	*	*	*	*	*	*	6·6	*	*
Camden Square	110	ob	b	*	70	48	43	-	-	*	*	96
Kensington Palace	80	b	b	*	68	46	39	-	-	*	(63 (18h))	93
Hampstead Observatory	450	*	*	*	66	47	39	-	-	7·6	"	100

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 5

South Kensington

Max.	Time.	Min.	Time.
0·6	4h 22m	0·3	5h 14m
0·6	5h 7m		

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 5 19 h 45 m. to 6 04 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
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 = Snowing to-day in 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per 1 min.	Strength.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
21h.	-	-	-	-
07h.	-	-	-	-

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

6th & 7th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.12 / 5.14	11.51 / 11.51	6.30 / 6.28
Greenwich	5.21 / 5.23	11.57 / 11.58	6.35 / 6.33
Wick	5.23 / 5.26	12.10 / 12.10	6.57 / 6.54
Valencia	6.1 / 6.3	12.39 / 12.39	7.17 / 7.15

BEAUFORT NOTATION OF WEATHER.

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

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; / = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail"; Capital letters indicate intense, suffix c indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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.

Calm or slight sea.
0 = no swell
1 = mod. swell
2 = heavy swell

Moderate sea.
3 = no swell
4 = mod. swell
5 = heavy swell

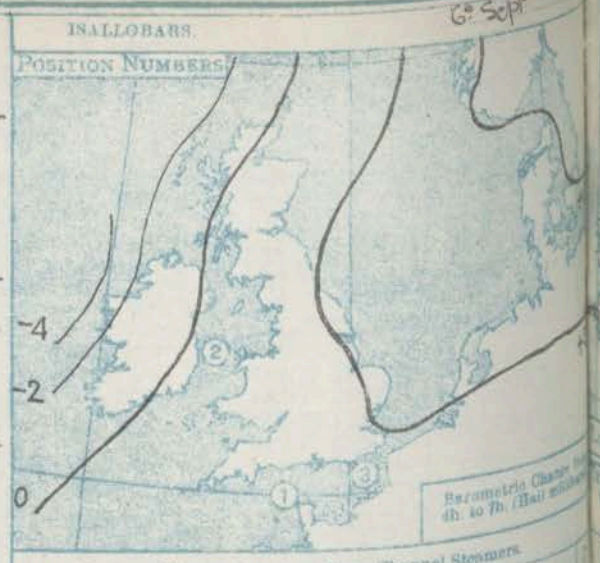
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. † For code see page 6.

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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 5th Hours.
Lerwick	omd	o	c	omd	54	50	•	1	0.2	<0800	0230	0.2
Stornoway	p	oo	c	oo	57	54	•	0.3	-	-	-	0.0
Wick	oir.	oir.m	oir.	oir.	56	53	•	3	2	<0800	<2100	•
Castlebay	odp	dpof	ofopo	od.	56	54	•	0.3	0.4	-	-	0.0
Nairn	dgo	cgg	gcbc	bc	59	54	•	0.2	•	<0800	-	0.3
Aberdeen	oo	cb	ocbc	bcbm	64	54	44	-	-	-	-	1.5
Malin Head	ID om	om	oimd	coid.	58	53	•	1	0.3	<0800	<2100	0.4
Renfrew	oddq	od.	od 22	om	60	54	51	trace	0.5	<0800	<2100	1.6
Edinburgh (Inchkeith)	oo	oo	c	oo	59	54	53	-	-	-	-	2.5
Leuchars	oco	oca	cqbcb	bwbc	65	51	43	-	-	-	-	3.5
Eskdalemuir	oid.	oi.d.	oi.d.o	oo	56	51	51	1	trace	<0800	<2100	0.1
Tynemouth	oo	oo	ob	b.bc	59	54	49	-	-	-	-	•
Blacksod Point ...	oo	c	oo	oo	62	50	•	-	-	-	-	•
Donaghadee	oq	c	o	o	64	49	•	-	-	-	-	•
Birr Castle	co	co	e	co	63	53	46	-	-	-	-	7.9
Holyhead	ocbc	bcb	bb	bbcc	63	55	51	-	-	-	-	8.0
Liverpool (Bidston) ...	ocbc	b.bc	bco		62	53	50	-	-	-	-	7.0
Chester (Shotwick) ...	oocbcq	bcb	bbcc	obcwmb	65	52	45	-	-	-	-	7.4
Spurn Head	oo	bo	bbc	b.bz	59	52	•	-	-	-	-	0.5
Birmingham (Edgbaston)	c	cbc	b.b	bbcwm	63	49	40	-	trace	-	-	1.9
Nottingham	oo	c	bc	oo	64	52	46	-	-	-	-	2.7
Cranwell	oo	cbcb	b.bc	bocbc	63	50	45	-	-	-	-	4.8
Gorleston	c	c	b.bc	bm	63	48	44	-	-	-	-	2.8
Valencia (Cahirciveen)	oc	oco	o	oomd	60	55	52	-	trace	-	-	1.8
Roches Point	cb	b	bw	bo	66	45	•	-	0.1	-	-	•
Pembroke (St. Ann's H.)	c	c	bbc	bbc	59	54	•	-	-	-	-	10.2
Ross-on-Wye	oc	bybybc	bbw	wmb	69	43	38	-	-	-	-	8.2
Benson...	ocbcb	bcb	bcb	bom	67	43	34	-	trace	-	-	•
Andover	oc	cbcb	b	bbco	65	48	40	-	-	-	-	8.2
S. Farnborough ...	omoc	cbc	bbc	bor	70	42	39	-	trace	-	-	8.7
London (Kew Obsy.) ...	omc	cbcb	bbw	bwofw	67	46	38	-	trace	-	-	8.1
Croydon	obcy	bcbyb	b	bwmf	67	46	38	-	trace	-	-	7.8
Clacton-on-Sea ...	ocbc	bc	bwz	bqw	67	49	44	-	-	-	-	6.4
Shoeburyness	c	bc	b	bm	69	48	41	-	trace	-	-	6.9
Grain	oobzy	bzyb	bb	bbmw	68	43	37	-	0.1	-	-	7.4
Lympne	ombcy	bcby	bbc	bwm	67	45	38	-	trace	-	-	7.9
Scilly (St. Mary's) ...	b.bc	bcc	c	c	64	54	•	-	-	-	-	6.2
Falmouth (Pendennis)	bc	bcco	co	co	62	52	•	-	-	-	-	8.1
Plymouth (Cattewater)	b	bcc	cbc	co	63	56	45	-	-	-	-	9.6
Portland Bill	b.bc	b.bc	b.bc	c	62	55	•	-	-	-	-	•
Southampton (Calshot)	c	c	b	bcow	68	47	43	-	-	-	-	7.2
Dungeness	c	b.bc	b.bc	f.m	64	42	•	-	-	-	-	•
Jersey	ocb	bbc	bc	bcco	63	53	•	-	-	-	-	10.1
Guernsey	c	b.bc	c	c	60	53	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	5th 1000	Cambria	W	4	c	59	54
1	" 1100	Reindeer	WNW	3	b	61	53
3	6th 0200	Dieppe	NW'N	3	b	58	61

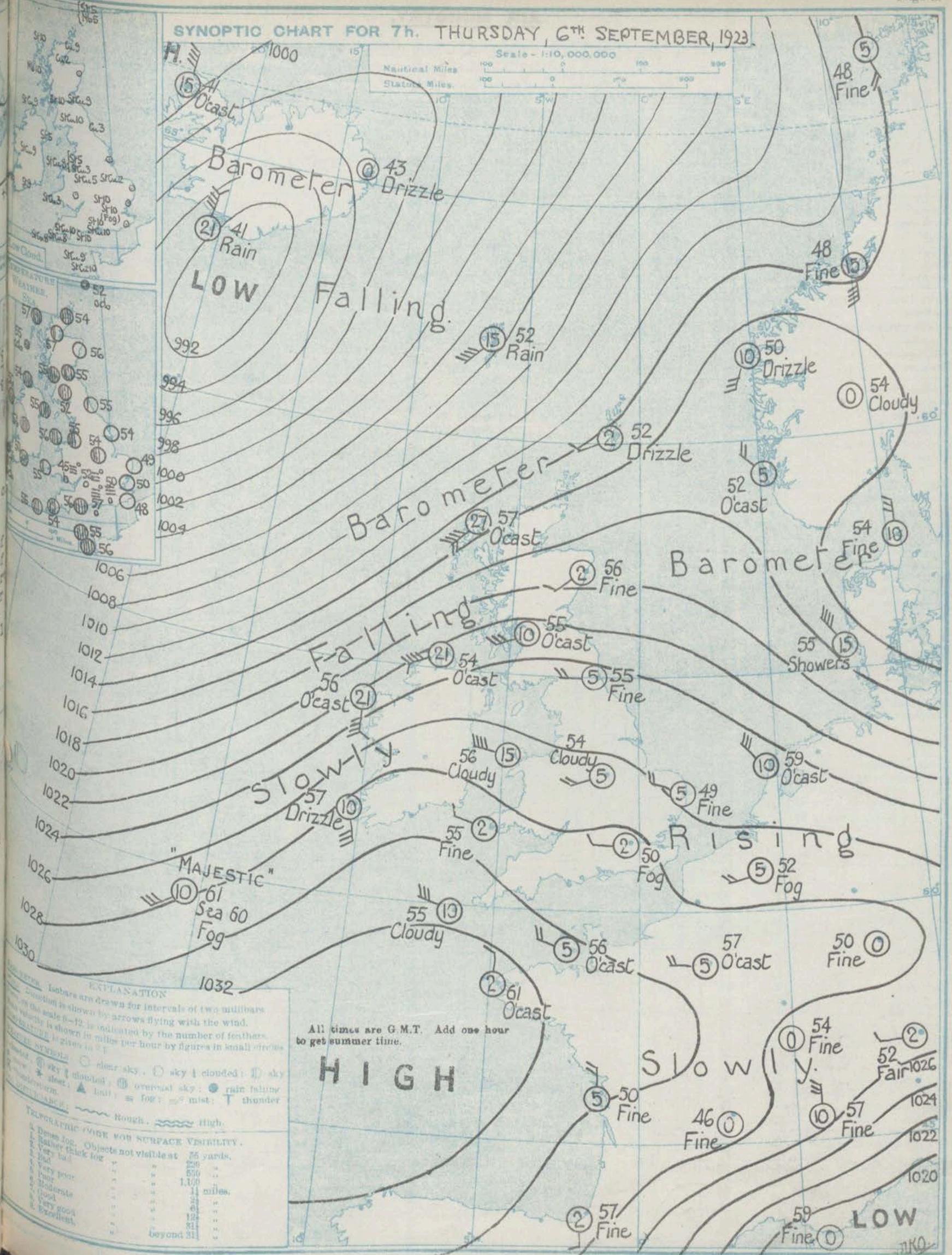
GENERAL INFERENCE.

A depression centred South of Iceland is deepening and will probably move towards the Shetlands. There are indications of a secondary off the west coast of Ireland. Southwesterly winds are likely to reach gale force on our Northern Coasts and some rain is probable generally, but not until tonight or tomorrow in the Southeast.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 6th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light or moderate W. to S.W. wind; fair early, probably some rain later; morning mist, moderate day temperature, cool at night.	Unsettled. ------
4. W. Midlands 5. S.W. England 6. South Wales	Wind S. to S.W. moderate, fresh at times; cloudy, some rain; visibility moderate to good; moderate temperature.	▼ S. Cone hoisted at 0900 G.M.T. ------
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland ▼ 13. Isle of Man	Wind S.W. fresh or strong; cloudy some rain; visibility moderate; moderate temperature.	
14. N. & N.W. Scotland ▼ 15. Hebrides ▼ 16. Orkneys and Shetlands ▼ 17. N.W. Ireland ▼	Wind S.W. strong to a gale; cloudy, some rain; coast mist in places; moderate temperature.	
18. N.E. Ireland ▼ 19. S.E. Ireland 20. S.W. Ireland	Wind S. to S.W. fresh or strong; cloudy some rain; visibility moderate; moderate temperature.	

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

† For Code see opposite page


SYNOPTIC CHART FOR 7h. THURSDAY, 6TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Barometer Falling
LOW
992
Barometer Falling Slowly
Barometer Rising Slowly
"MAJESTIC"
61
Sea 60
Fog
HIGH
LOW
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
On the scale 0–12 is indicated by the number of feathers.
Velocity is shown in miles per hour by figures in small circles.
Temperature is given in °F.
Clear sky. Sky ¼ clouded. Sky ½ clouded. Sky ¾ clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder.
Rough. High.
Temperature (vine) for surface visibility.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Very poor " " 1,100 "
4. Poor " " 1¼ miles.
5. Moderate " " 2
6. Good " " 6
7. Very good " " 12
8. Excellent. " " 31
" " Beyond 31

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Thursday 6th SEPTEMBER 1923. No. 248

Observations at 0100 G.M.T. 6th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1013.2	+4	WNW	2	bc	51	85	6	4000	Cu	4	-	4
Stornoway	51	1018.0	+2	WNW	4	c	*	*	5	*	*	*	*	*
Wick	81	1016.2	+2	W	1	0fo	54	97	7	2500	Nb	10	-	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	1023.9	0	WSW	5	c/r	55	97	7	2500	St	8	-	8
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1020.6	+2	WSW	6	0+	55	85	8	*	StCu	10	-	10
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1022.1	+2	W	3	b	56	85	7	-	-	0	-	0
Blacknod Point ...	10	1026.2	0	WSW	6	0	55	97	*	*	*	0	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1027.0	+1	N	4	b-	56	85	8	-	-	0	-	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1024.1	0	W	3	b	55	92	6	-	-	0	-	0
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1025.3	+1	W	3	b	51	97	6	-	-	0	-	0
Gorleston	13	1024.9	0	W	2	b	53	92	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1029.8	0	W	2	0	55	92	7	*	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1028.7	0	NW	2	b	55	85	8	-	-	0	-	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	183	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	52	*	*	*	*	*	*	*
Croydon	244	1027.5	+1	WSW	1	b	50	97	7	-	-	0	-	0
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1027.6	+1	NNW	2	b	48	92	8	-	-	0	-	0
Scilly (St. Mary's) ...	131	1031.4	0	W'N	4	c	56	85	8	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1031.0	0	SW	2	0	56	85	7	5700	StCu	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1028.3	0	NW	3	b	56	75	7	-	-	0	-	0
Southampton (Ca.shot)	12	1028.6	0	SW'W	2	b	49	97	8	-	-	0	-	0
Dungeness	21	1027.0	+1	NNW	2	b	50	97	8	-	-	0	-	0
Jersey	26	*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—	1030.2	0	NW	5	bc-	54	92	2	4000	StCu	4	-	4

Observations at 0700 G.M.T. 6th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	
Lerwick	1014.1	+1	WSW	1	od₀	52	92	6	800	St	10	-	10	0
Stornoway	1015.6	-2	SW	6	0	57	97	5	450	St	10	-	10	0
Wick	1016.7	0	WSW	2	0/r	54	97	8	5700	Cu	9	-	10	0
Castlebay	1019.5	-1	SW	5	od₀	55	97	6	1500	Nb	10	CiCu	5	0
Nairn	1018.3	.	WSW	2	bc-	57	85	8	4000	Cu	2	A.St	1	0
Aberdeen	1019.6	+1	SW'W	1	b	56	85	7	-	-	0			
Malin Head	1022.4	-1	WSW	5	0/r	54	97	8	5700	StCu	9	-	9	4
Renfrew	1023.5	+1	WSW	3	0	55	85	6	1500	St	10	-	10	
Edinburgh (Inchkeith)	1021.1	+1	WSW	5	0	55	85	8	*	StCu	9	-	9	*
Leuchars	1021.4	+1	WSW	3	bc+	56	85	7	2500	StCu	5	-	5	*
Eskdalemuir	1024.3	0	SW	3	0	52	92	8	1500	StCu	10	-	10	1
Tynemouth	1024.1	+2	W	2	b	55	92	7	4000	Cu	3	-	3	
Blacknod Point ...	1023.6	-4	S	5	0+	56	97	7	*	*	10	A.St	10	
Donaghadee	1025.0	0	SW'W	3	0-	55	85	8	1500	St	5	-	5	*
Birr Castle	1027.8	*	WSW	1	0+	54	85	6	2500	StCu	9	-	9	*
Holyhead	1027.4	0	W'N	4	c-	56	85	8	1500	StCu	8	-	8	*
Liverpool (Bidston) ...	1026.3	+1	W'S	3	c+	55	85	8	2500	St	8	-	8	*
Chester (Shotwick) ...	1026.9	+1	WSW	3	bc	54	85	8	1500	St	6			
Spurn Head	1025.6	+2	W	4	b	54	85	5	-	-	0	-	0	1
Birmingham (Edgbaston)	1027.6	+1	WSW	3	mb-	52	92	4	4000	StCu	7	-	7	*
Nottingham	1026.5	+1	WSW	2	c-	54	92	6	2500	StCu	5	ACu	2	*
Cranwell	1026.4	+2	W'S	1	b	53	97	6	2500	StCu	2	-	0	0
Gorleston	1025.5	0	WNW	2	b	49	92	5	-	-	0			
Valencia (Cahirciveen)	1028.4	-1	S'E	3	od₀	57	92	6	450	St	10	-	10	0
Roches Point	1028.9	0	W	1	0+	50	92	7	4000	St	9	-	9	3
Pembroke (St. Ann's H.)	1028.8	0	WNW	1	b+	55	85	8	4000	StCu	3	-	3	*
Ross-on-Wye	1027.9	0	-	0	mb-	45	97	4	-	-	0	-	0	
Benson...	1028.2	+1	NW	1	mo-	52	97	4	*	St	10			
Andover	1028.3	0	W'N	3	0+	55	92	7	1500	StCu	10	-	10	*
S. Farnborough ...	1028.4	+1	W	2	mm0	51	97	4	450	St	10	-	10	*
London (Kew Obsy.) ...	1028.9	+1	W'S	1	ff0	50	97	2	800	St	10	-	10	
Croydon	1028.4	+2	W	1	fo+	50	97	2	<150	St				
Clacton-on-Sea ...	1027.0	+2	W	3	b	50	97	6	-	-	0	-	0	0
Shoeburyness	1027.5	+1	WNW	2	mmb	54	85	5	-	-	0	-	0	*
Grain	1027.7	+1	W	2	mmb	53	97	4	-	-	0	-	0	*
Lympne	1027.9	+1	N	2	b	49	97	6	-	-	0			
Scilly (St. Mary's) ...	1031.1	0	WNW	3	c	55	92	8	4000	StCu	8	-	8	7
Falmouth (Pendennis)	1030.5	+1	W	3	c-	54	85	7	4000	StCu	8	-	8	
Plymouth (Cattewater)	1029.9	+1	-	0	0-	56	85	7	2500	StCu	10	-	10	0
Portland Bill	1028.3	0	NW	2	0+	56	75	7	450	St	10	-	10	0
Southampton (Ca.shot)	1029.0	+1	W'S	3	0-	54	97	7	1500	StCu	10	-	10	0
Dungeness	1027.9	+1	N	2	b	48	97	6	-	-	10	-	10	2
Jersey	1030.1	0	WNW	2	0	56	85	8	4000	StCu	10	-	9	1
Guernsey	1030.0	+2	W'N	2	0-	55	85	8	4020	StCu				

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 4-5 °F.	Temperature. Max. Day. 5 °F.	Rainfall.† Night 17h.-9h. 4-5 mm.	Rainfall.† Day 9h.-17h. 5 mm.	Sunshine. Sunrise to 17h. 5 hr.	Sunshine. Sunrise to Sunset. 4 hr.
Montrose	omc	cbcv	48	67	—	—	5.4	6.2
Berwick-on-Tweed	cocbc	bobc	48	62	—	—	4.8	6.3
Llandudno	cbc	bcb	54	62	—	—	8.0	7.1
Colwyn Bay ...	bc	b	53	64	1	—	8.0	8.0
Rhyl...	cbc	bc	50	64	—	—	7.3	6.6
Southport	0c0	ocbcb	53	62	1	—	2.5	8.5
Blackpool	oc	bcc	55	61	—	—	1.9	6.6
Ilkley	cbcbc	bc	47	59	0.4	-	0.1	6.2
Harrogate	c	c	48	58	—	—	1.3	5.8
Skegness	oc	ocb	47	62	Trace	—	1.2	2.5
Aberystwyth ...	occ	b	54	60	—	—	7.0	8.0
Bath	ocbcb	bcb	48	63	—	—	6.0	3.3
Leamington Spa ...	cb	bc	44	65	—	—	4.7	1.5
Lowestoft	co	co	47	63	—	—	4.2	1.1
Felixstowe	cbc	bc	48	66	—	—	5.8	0.7
Southend	ocbc	bc	46	69	—	—	7.0	0.6
Dover	oco	cbcb	49	65	—	—	7.1	2.0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 4-5 °F.	Temperature. Max. Day. 5 °F.	Rainfall.† Night 17h.-9h. 4-5 mm.	Rainfall.† Day 9h.-17h. 5 mm.	Sunshine. Sunrise to 17h. 5 hr.	Sunshine. Sunrise to Sunset. 4 hr.
Ilfracombe	o.c.o.	o.c.o.	57	59	-	-	4.6	4.6
Bude	c	c	56	61	—	—	4.2	5.5
Paignton	bbc	b	50	68	—	—	10.5	6.9
Torquay	b	b	52	68	—	—	10.3	5.5
Weymouth	bc	bcb	49	67	—	—	7.2	4.9
Bournemouth ...	ccb	bb	47	69	—	—	5.0	3.5
Portsmouth (S'thsea)	o	b	50	66	—	—	6.1	2.2
Littlehampton ...	bc	bc	46	66	—	—	6.7	0.3
Worthing	ocbc	b	46	66	—	—	6.2	0.1
Brighton	obcb	b	44	64	0.2	—	6.4	0.0
Eastbourne	oc	bcb	50	64	0.1	—	6.8	0.2
Hastings	ocbc	bcb	48	65	0.2	—	6.6	0.0
Folkestone	b	b	49	68	1	—	6.7	1.3
Tunbridge Wells ...	o	b	43	69	—	—	6.7	0.0
Ramsgate	obcb	b	46	*	—	—	6.1	1.4
Margate	c	b	51	66	—	—	6.8	1.6
Deal	cbcb	bb	47	69	—	—	6.4	1.7

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22569 FRIDAY 7th SEPTEMBER 1923. Page 1.

Observations at 1800 G.M.T. 6h

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	1011.5	-3	S	2	o	59	85	6	-	-	0	A.St	10	*
Stornoway	1011.7	-5	SW	7	o	58	92	5	450	St.	10	-	10	*
Wick	1013.6	-3	SSW	5	c	62	85	8	5700	Cu	4	C.Cu	7	*
Castlebay	1015.9	-3	SSW	5	od.	56	97	6	1500	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1017.6	-3	SSW	4	b	70	65	8	2500	Cu	1	-	1	0
Malin Head	1019.4	-3	S	5	o	61	85	8	2500	St.Cu	9	-	9	*
Renfrew	1021.7	-3	SW	4	o-	60	75	7	1500	St.Cu	7	A.Cu	9	1
Edinburgh (Inchkeith)	1020.4	-4	SW	4	o	57	85	8	*	St.	5	A.St	9	*
Leuchars	1019.8	-2	WSW	6	o	59	85	7	1500	St.	10	-	10	0
Eskdalemuir	1023.0	-2	SW	5	o	55	75	8	2500	St.Cu	10	-	10	0
Tynemouth	1022.8	-1	W	2	b	64	85	6	-	-	0	C.Cu	2	*
Blacksod Point	1021.4	-1	SW	6	mo	59	97	6	*	-	-	-	10	*
Donaghadee	1022.9	-3	SSE	1	c-	65	75	8	1500	St.	5	A.Cu	7	*
Birr Castle	1024.9	*	WSW	2	o	67	75	8	4000	St.Cu	9	-	9	*
Holyhead	1026.4	-2	S'W	5	bc	60	85	9	2500	St.Cu	4	-	4	0
Liverpool (Bidston)	1026.1	-2	W	1	b-	58	75	8	4000	Cu	2	-	2	*
Chester (Shotwick)	1025.7	-3	W	3	bc	66	55	8	2500	Cu	4	-	4	0
Spurn Head	1025.0	-1	-	0	b	64	75	7	-	-	0	-	0	*
Birmingham (Edgbaston)	1026.8	-1	SSW	4	b	65	65	8	5700	Cu	1	-	1	1
Nottingham	1025.7	-2	SW	4	b	66	65	8	2500	Cu	1	-	1	*
Crosswell	1025.5	-1	SW'W	3	b	68	75	6	-	-	0	-	0	0
Gorleston	1026.0	+1	WNW	1	c+	62	75	6	5700	St.Cu	7	-	7	*
Valencia (Cahirciveen)	1026.6	-3	S	4	o6/o	59	97	6	450	St.	10	-	10	1
Roches Point	1027.8	-1	SW	2	o	59	92	7	2500	St.	10	-	10	*
Pembroke (St. Ann's H.)	1029.0	+1	WNW	3	bc-	56	75	8	4000	Cu	6	-	6	*
Ross-on-Wye	1026.5	-1	W	2	bo	67	65	8	-	-	0	-	0	0
Penzance	1026.8	-2	W	2	b,	69	65	7	-	Cu	2	-	2	0
Andover	1026.8	-0	W	4	b	68	55	8	4000	Cu	1	-	1	0
S. Farnborough	1027.3	-2	WSW	2	bc	71	65	7	4000	Cu	6	-	6	0
London (Kew Obsy.)	1027.8	-2	S	1	b-	63	75	7	4000	Cu	3	-	3	1
Croydon	1027.6	-3	W'N	1	c-	62	75	6	1500	Cu	7	-	7	0
Clacton-on-Sea	*	*	*	*	mmb	66	*	*	*	*	0	A.St	3	*
Shoeburyness	1026.4	-1	SW	3	mmb	66	65	5	-	-	0	A.St	3	*
Grain	1027.2	-1	SW'S	3	b	66	65	7	2500	St.	1	-	1	0
Lympne	1027.0	-1	SSW	3	o+	62	75	7	2500	Cu	9	-	9	0
Scilly (St. Mary's)	1030.6	-1	W	2	o	60	75	8	4000	St.Cu	10	-	10	*
Falmouth (Pendennis)	1030.1	-1	NNW	3	bc	61	65	8	5700	Cu	5	-	5	*
Plymouth (Cattewater)	1029.1	-1	SW	3	b	64	65	8	4000	Cu	1	-	1	0
Portland Bill	1028.5	-2	W	3	b	60	75	7	-	-	0	-	0	*
Southampton (Calshot)	1028.0	-3	SW	4	b	63	75	7	2500	Cu	2	-	2	0
Dungeness	1027.6	0	WSW	3	b-	63	85	7	4000	Cu	2	-	2	*
Jersey	1029.3	0	WNW	3	o	60	65	8	4000	St.Cu	10	-	10	*
Guernsey	1029.6	-2	W'N	3	o	58	85	7	5700	St.Cu	9	-	9	*

Observations at 1800 G.M.T. 6h

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	1007.7	-7	SSW	3	o	59	85	6	-	-	0	ASt	9	2
Stornoway	1007.9	-3	WSW	6	oPR	59	92	6	450	St	10	-	10	5
Wick	1008.9	-6	SSW	5	c/r	57	92	8	4000	Cu	3	CSr	8	3
Castlebay	1012.4	-2	SW	5	od.	57	97	6	800	Nb	10	-	10	6
Nairn	1011.4	*	W	4	c+	62	75	8	4000	Cu	7	-	7	*
Aberdeen	1014.8	-3	SSW	3	o/o	59	85	7	2500	Nb	9	-	9	0
Malin Head	1016.5	-2	SW'W	5	o	60	92	8	2500	StCu	10	-	10	4
Renfrew	1018.0	-4	SW	3	od.	58	92	5	450	Nb	10	-	10	*
Edinburgh (Inchkeith)	1017.4	-4	SW	4	o/o	57	85	7	-	St	6	ASt	10	3
Leuchars	1016.3	-4	WSW	4	o	59	75	7	2500	St	8	ACu	9	*
Eskdalemuir	1020.9	-3	SSW	5	off	53	97	5	450	Nb	10	-	10	*
Tynemouth	1022.0	-1	W	1	b,	61	85	7	-	-	0	CCu	3	0
Blacksod Point	1018.7	-2	WSW	6	o	59	92	6	-	-	4	-	10	7
Donaghadee	1019.6	-3	S	1	o+	59	92	8	1500	St	10	-	10	3
Birr Castle	1022.9	*	SW	2	o/o	63	92	6	2500	Nb	10	-	10	*
Holyhead	1024.1	-3	S'W	4	fo	56	97	3	4150	St	10	-	10	4
Liverpool (Bidston)	1023.5	-2	SW	3	c+	60	85	9	4000	Cu	8	-	8	4
Chester (Shotwick)	1024.4	0	SW	4	o+	62	75	8	4000	StCu	9	-	9	*
Spurn Head	1022.8	-1	WNW	1	b.	60	85	6	-	-	0	-	0	0
Birmingham (Edgbaston)	1024.6	-2	SW	3	b.	66	55	8	-	-	0	-	0	*
Nottingham	1023.6	-1	W	3	b.	65	65	7	-	-	0	-	0	*
Crosswell	1023.8	-1	W'S	1	b.	64	85	7	-	-	0	-	0	*
Gorleston	1024.1	-1	~~SW~~ SSE	2	b.	60	85	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1025.9	+0	SW'S	2	o/r	60	97	6	800	St	10	-	10	4
Roches Point	1025.8	-2	SW	3	o	59	97	7	800	St	10	-	10	3
Pembroke (St. Ann's H.)	1027.4	-1	W'S	4	o	55	97	7	2500	St	10	-	10	3
Ross-on-Wye	1024.9	-1	NW	1	b.	65	65	8	-	-	0	-	0	*
Penzance	1025.6	-2	-	0	b.	64	75	7	-	-	0	-	0	*
Andover	1025.7	-2	W'S	4	b.	62	75	8	-	-	0	-	0	*
S. Farnborough	1025.4	-1	W	3	b.	65	65	7	-	-	0	-	0	*
London (Kew Obsy.)	1025.2	-2	WSW	2	b.	67	55	7	-	-	0	-	0	*
Croydon	1025.1	-2	SSW	3	b.	63	85	6	-	-	0	-	0	*
Clacton-on-Sea	1024.9	-2	WSW	2	bc	64	75	6	-	-	0	CSr	5	0
Shoeburyness	1025.0	-1	SW	1	mmb	62	85	5	-	-	0	ASr	1	*
Grain	1025.2	0	SSW	2	b.	64	75	6	-	-	0	-	0	0
Lympne	1025.9	-0	WSW	3	b.	57	85	6	-	-	0	-	0	*
Scilly (St. Mary's)	1029.4	-2	W	3	o	57	92	7	4000	StCu	10	-	10	2
Falmouth (Pendennis)	1029.1	0	NW	2	c+	57	75	8	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1028.2	-1	WNW	3	b.	60	75	8	-	-	0	-	0	0
Portland Bill	1026.8	-4	WSW	3	b.	60	75	7	-	-	0	-	0	3
Southampton (Calshot)	1026.2	-2	SW	4	b.	60	92	7	-	-	0	-	0	0
Dungeness	1025.9	-2	WSW	4	b.	59	92	7	-	-	0	-	0	4
Jersey	1029.2	0	WNW	3	c	58	75	8	4000	StCu	7	-	7	3
Guernsey	1028.1	-3	W'N	3	b.	57	85	8	5700	StCu	7	-	7	0

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 6800 G.M.T. 7th								YESTERDAY.	TO-DAY.	
Kew } 24 hours ended 6700 Croydon }	18	bfmwb	b	bmwd	*	*	44	tra	tra	5.9	*	*
Greenwich (Royal Obsy.)	244	fmoc	cbdz	bmofm	*	*	45	-	tra	5.1	*	*
City (Bunhill Row)	149	oco	b	bwom	70	50	42	-	-	6.1	61	94
Westminster (St. James' Pk.)	80	*	*	*		*	*	*	*	6.1	*	*
Regent's Pk. (Botanic Gdns.)	27	*	*	*	70	51	46	-	-	5.8	62	89
Camden Square	—	*	*	*		*	*	*	*	5.1	*	*
Kensington Palace	110	mmobc	bcb	*	72	51	43	-	-	*	*	90
Hampstead Observatory	80	ocb	b	*	69	48	45	-	-	*	73 (18h)	88
	450	*	*	*	67	49	44	-	-	5.6	*	98

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 6h

South Kensington

Max.	Time.	Min.	Time.
0.6	20h. 5m.	0.3	3h. 6m.
0.6	7h. 6m.		

Kew Observatory

Max.	Time.	Min.	Time.
0.3	6h. 6m.	0.3	rest of day
0.3	7h. 6m.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6h 19m. to 7h 04m. 45s. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	7.20	86
δ Ursae Minoris	8.30	7.20	86

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 1200 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 5 sec.	Strength.	Direc.
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-
21h.	-	-	-	-

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

7th & 8th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.14 / 5.16	11.51 / 11.51	6.28 / 6.26
Greenwich	5.23 / 5.25	11.58 / 11.58	6.33 / 6.31
Wick	5.26 / 5.28	12.10 / 12.10	6.54 / 6.51
Valencia	6.3 / 6.5	12.39 / 12.39	7.15 / 7.13

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bo sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
ro/o = continuous light rain.

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.

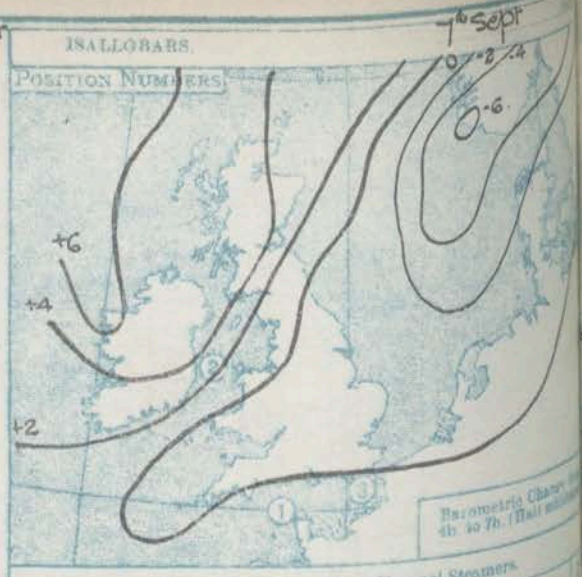
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 6E	13h.-18h. 6	18h. 6E to 1h. 7	1h.-7h. 7	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall‡ Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	Sun. 6E Hours.
Lerwick	omd	oo	omqd	ompr	61	49	•	0·2	2	<0800	<2100	0.0
Stornoway	oo	p	c	ob	59	48	•	1	1	1530	-	1.0
Wick	oo	cprr	orr	c	62	46	•	0·5	1	1530	2200	•
Castlebay	od.f	od.f	d.fb	bopc	57	51	•	0·2	1	<0800	-	0.0
Nairn	bcq	qcqbc	cirq	cbc	65	47	•	-	2	-	<2100	5.4
Aberdeen	b	bbcco	oirc	bcb	70	50	41	trace	1	1730	<2100	9·2
Malin Head	cob	coevc	oid.	coid	63	51	•	-	2	-	<2100	2·3
Renfrew	od.o	ocoir	oorr	oob	62	48	42	1	3	1630	<2100	2.0
Edinburgh (Inchkeith)	oo	oo	oo	c	60	52	49	trace	trace	1730	<2100	2·5
Leuchars	bcoq	oqbco	ocbc	bcbw	64	52	41	-	-	-	-	7.1
Eskdalemuir	oo	old.r	ordm	oo	56	49	48	0·3	7	1730	<2100	0.4
Tynemouth	b.bc	b-bc	oir.	cm	68	57	52	-	0.2	-	2200	•
Blacksod Point ...	f-m	fm	f-m	c	64	47	•	0·6	2	-	-	•
Donaghadee	c	odp	obc	bcp	66	53	•	10·3	1	1530	0230	•
Birr Castle	co	cr.o	coro	cor.c	68	54	51	0·1	3	1630	<2100	1.4
Holyhead	cbc	bcfof	ffiro	oor.	60	56	56	trace	1	1730	<2100	5.9
Liverpool (Bidston) ...	ocbcb	bbc	p		65	55	53	-	0.3	-	0530	5.4
Chester (Shotwick) ...	bcobc	bebbc	cooq	omodm	69	58	55	-	trace	-	0630	7.4
Spurn Head	b.bc	b-bc	bzcop	c	64	54	•	-	0.3	-	2400	10.1
Birmingham (Edgbaston)	b.bc	by	bbc	bccor	69	54	49	-	0.3	-	2400	9.3
Nottingham	b.bc	b-bc	bc	oo	68	55	49	-	-	-	-	9.8
Cranwell	b.bcm	b-bc	b.bc	coroc	69	55	46	-	0.2	-	0130	11.2
Gorleston	bmcm	cmby	bw	c	67	53	50	-	-	-	-	8.5
Valencia (Cahirciveen)	omdr	omro	omd	omd	61	55	53	2	0.6	<0800	<2100	0.0
Roches Point	omo	odoe	om	ocw	60	56	•	0·1	trace	1630	-	•
Pembroke (St. Ann's H.)	coc	co	oqmrf	off	58	55	•	-	0.4	-	2200	2·1
Ross-on-Wye	bmbc.b	bg	bw	bccoc	70	55	47	-	-	-	-	12.0
Benson...	ocbc.g	b	bb	bbcco	72	48	39	-	-	-	-	•
Andover	ocbcb	byb	b	bbcco	69	50	43	-	-	-	-	9.2
S. Farnborough ...	omobc	bcb	bmw	bccow	74	47	44	-	trace	-	-	8.3
London (Kew Obsy.) ...	ofmwb	b	bmbw	bwomd	70	50	44	trace	trace	-	0630	5.9
Croydon	fmoc	cbcbz	bm	bofm	68	50	46	-	trace	-	0530	5.1
Clacton-on-Sea ...	bbcg	bcg	bcbz	bzcmw	69	52	47	-	-	-	-	10.9
Shoeburyness	bmbz	bgbm	bm	off	70	54	47	-	trace	-	-	11.0
Grain	bmbzy	bgybg	3333 W	bbom	69	47	41	-	trace	-	-	11.3
Lympne	bcc	b-bc	bw	bwf	67	46	46	-	trace	-	-	11.7
Scilly (St. Mary's) ...	co	oo	om	ofcec	61	55	•	-	0.1	-	-	0.3
Falmouth (Pendennis)	cobc	bce	co	cobcm	62	53	•	-	-	-	-	9.9
Plymouth (Cattewater)	b	b	b	bof	64	54	?	-	trace	-	-	10.0
Portland Bill	c	b-bc	bbc	bbc	66	56	•	-	-	-	-	•
Southampton (Calshot)	c	bb	bco	oo	65	52	49	-	-	-	-	6.9
Dungeness	c	b-bc	bbc	bz	66	50	•	-	-	-	-	•
Jersey	oco	oc	oco	oco	63	54	•	-	-	-	-	3.8.
Guernsey	c	bcb	c	ofo	59	53	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	6E 1000	Cambria	SSW	4	b	59	55
1	" 1100	Ibex	NW	3	c	58	59

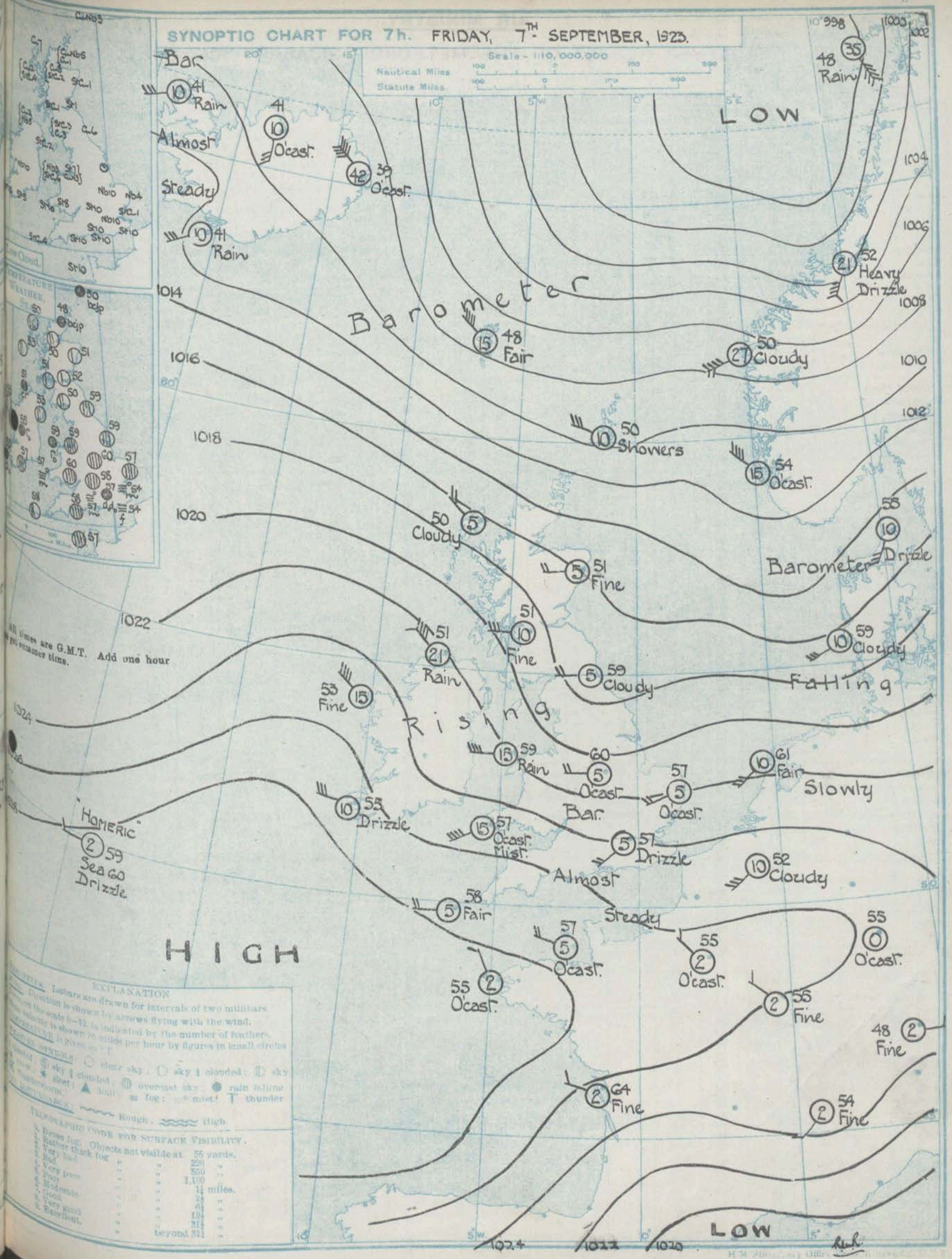
GENERAL INFERENCE.

The anticyclone off the Southwest Coasts is tending to spread over our area again and weather is likely to become fair temporarily after slight local rain today. Winds will be from N.W. to W. and temperature rather low.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 7th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind W. or W.N.W. moderate; cloudy with slight rain at first then fair; some morning mist; rather cool.	Cool but mainly fair temporarily.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind N.W. to W. moderate or fresh; mainly fair but local showers; visibility good after morning mist; cool.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind N.W. to W. moderate or fresh; fair at first some rain later; visibility mainly good; cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 7 - 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 opposite page


SYNOPTIC CHART FOR 7h. FRIDAY, 7TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
Almost Steady
Rising
Falling
Slowly
Bar.
Barometer
HIGH
LOW
"HOMERIC"
Sea 60 Drizzle
Almost Steady
All times are G.M.T. Add one hour for summer time.
EXPLANATION
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Friday, 7th SEPTEMBER 1923. No. 250

Observations at 0100 G.M.T. 7th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	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	1007.3	+2	N	3	b	51	85	6	-	-	0	A.St	1
Stornoway	51	1012.9	+6	N	3	c	•	•	5	•	•	•	•	•
Wick	81	1011.9	+5	NNW	2	b/r	50	97	8	4000	Cu	2	-	2
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1018.2	+2	NW	5	od	54	97	7	2500	St	10	-	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1014.0	-3	SW	4	o	59	85	8	•	St	9	-	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1017.4	-3	W	1	b/r	60	92	6	-	-	0	-	0
Blacksod Point ...	10	1021.0	+1	W	6	i.fo	57	92	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1021.8	-1	SSW	4	o/r	58	92	8	800	St	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1021.6	-2	WSW	2	o.pr.	56	92	7	1500	St	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1022.9	-2	WSW	4	c+	56	97	6	4000	St	8	-	8
Gorleston	13	1023.3	-1	WNW	2	b-	55	85	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1024.5	0	SSW	4	mo.	58	92	5	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1025.2	-2	WSW	5	fo.	57	97	3	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	x	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	x	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18	x	•	•	•	•	54	•	•	•	•	•	•	•
Croydon	244	1025.1	-1	NSW	2	b	52	92	7	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025.1	-1	W'N	3	mmb	50	97	3	-	-	0	-	0
Scilly (St. Mary's) ...	131	1029.2	-1	WSW	4	mo	56	97	6	4000	St.Cu	10	-	10
Falmouth (Pendennis)	200	1028.7	-1	NW	2	o	55	92	7	4000	St.Cu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1027.0	0	NNW	3	b-	57	85	7	-	-	0	-	0
Southampton (Calshot)	12	1026.6	-1	WNW	2	o+	55	97	7	4000	St	9	-	9
Dungeness	21	1025.5	0	W	2	b	57	97	7	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1029.0	-1	NW'W	3	o	55	92	3	4000	St.Cu	10	-	10

Observations at 0700 G.M.T. 7th

STATIONS.	Barom. at M.S.L. m.b	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	Sunshine.
Lerwick	1009.7	+2	WNW	3	bcjp	50	85	6	4000	Cu.Nb	3	A.Cu	4	7
Stornoway	1016.1	+5	NW	2	c-	50	85	7	4000	Cu	7	-	6	1
Wick	1013.9	+4	W	2	bc/p	48	92	8	2500	Cu.Nb	6	-	6	0
Castlebay	1019.8	+5	NW	5	bc	53	75	8	2500	St.Cu	6	-	5	0
Nairn	1016.7	•	W	1	bc/r	50	85	8	4000	Cu	5	-	1	0
Aberdeen	1016.3	+3	W	2	b	51	75	8	4000	St.Cu	1	-	7	4
Malin Head	1022.1	+2	NW	5	cr	51	85	8	4000	Nb	7	-	1	0
Renfrew	1018.8	+3	W	3	b/r	51	85	7	4000	St.Cu	1	-	2	0
Edinburgh (Inchkeith)	1017.4	+5	W	4	b	52	75	8	•	St	1	A.St	1	0
Leuchars	1016.9	+6	WNW	3	b-	53	65	8	4000	St.Cu	1	-	6	0
Eskdalemuir	1019.8	+3	W'N	3	bc	50	75	8	800	St.Cu	6	Ci	7	0
Tynemouth	1017.5	0	W	2	c	59	85	6	1500	Cu	1	-	4	3
Blacksod Point ...	1025.2	+6	NW	4	b	53	75	9	•	•	2	A.Cu	10	0
Donaghadee	1021.9	+4	NW	3	bc	53	85	8	4000	St.Cu	10	-	9	0
Birr Castle	1023.8	•	S	2	o.fo	55	97	6	2500	Nb	9	-	10	0
Holyhead	1022.2	+3	W	4	o.fo	59	92	8	4000	St.Cu	10	-	10	0
Liverpool (Bidston) ...	1020.7	0	WSW	5	o/r	59	97	5	1500	St	10	-		
Chester (Shotwick) ...	1021.2	0	W	3	odd.	60	92	5	1500	Nb	10	-		
Spurn Head	1019.4	-1	WSW	4	c	59	92	6	-	-	0	Ci	8	1
Birmingham (Edgbaston)	1022.8	0	SSW	3	c+	58	92	7	2500	St.Cu	6	A.St	10	0
Nottingham	1021.1	-1	W	2	o	60	92	6	2500	Nb	10	-	8	0
Cranwell	1021.5	-1	WSW	3	c+	59	97	7	1500	St.Cu	1	Ci	9	0
Gorleston	1021.6	-1	WSW	2	o	57	85	6	4000	Nb	4	A.Cu	10	4
Valencia (Cahirciveen)	1027.2	+3	WNW	3	od.	56	92	6	800	St	10	-	7	0
Roches Point	1025.4	+2	WNW	1	c	57	92	8	2500	St	9	Cu	10	0
Pembroke (St. Ann's H.)	1024.3	-1	WSW	4	mo-	57	97	5	450	St	10	-	10	0
Ross-on-Wye	1023.0	-1	SSW	2	o+	60	85	7	2500	St	8	Ci.St	10	0
Benson...	1023.9	0	WSW	3	o	58	92	6	•	St	10	-		
Andover	1024.9	-1	SW'W	2	o+	55	97	7	450	St	10	-	10	•
S. Farnborough ...	1024.5	-1	W	2	mmo	57	97	6	1500	St	10	-	10	•
London (Kew Obsy.)...	1024.1	0	SW	2	odd.	57	92	6	1500	Nb	10	-	10	•
Croydon	1024.3	0	WSW	3	mo-	56	97	5	450	St	10	-		
Clacton-on-Sea ...	1023.1	0	W	2	mc-	54	92	5	7200	St.Cu	1	Ci.St	7	0
Shoeburyness	1023.6	0	WSW	3	ffo	55	92	3	800	St	10	-	10	0
Grain	1023.8	-1	SW'W	4	mmo	53	97	4	220	St	10	-	10	•
Lympne	1024.4	-1	NW	3	fo	51	97	2	<150	St	9	Ci		
Scilly (St. Mary's) ...	1027.5	-1	W	2	bc/f	58	97	7	4000	St.Cu	4	A.Cu	8	2
Falmouth (Pendennis)	1027.2	0	W	1	c	58	97	6	4000	St.Cu	8	-	10	0
Plymouth (Cattewater)	1026.8	0	-	0	mo-	56	97	4	<150	St	10	-	10	3
Portland Bill	1026.6	0	W	3	o-	58	92	7	800	St	10	-	10	0
Southampton (Calshot)	1025.6	0	WSW	3	o	56	97	7	1500	St	10	-	10	0
Dungeness	1024.4	-2	WSW	3	fo	54	97	3	220	St	10	-	10	0
Jersey	1027.2	0	WNW	2	o	57	85	7	1500	St	10	-		
Guernsey	1027.3	0	NW'W	3	fo	55	97	7	220	St	10	-		

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 5-6 °F.	Temperature. Max. Day. 6 °F.	Rainfall.† Night 17h.-9h. 5-6 mm.	Rainfall.† Day 9h.-17h. 6 mm.	Sunshine. Sunrise to 17h. 6 hr.	Sunshine. Sunrise to Sunset. 5 hr.
Montrose	bcb	bcom	53	66	-	-	7.9	5.8
Berwick-on-Tweed	bcbcv	bcbcv	54	62	-	-	8.9	4.8
Llandudno	cbcb	bbcc	54	66	-	-	5.2	9.1
Colwyn Bay ...	bc	bc	53 54	69	-	-	7.5	9.3
Rhyl...	cbc	cbc	54	67	-	-	6.6	8.3
Southport	oc	bcbco	54	62	-	-	4.5	3.2
Blackpool	oc	o	55	63	-	-	3.1	2.8
Ilkley	cbc	b	52	63	-	-	4.9	0.1
Harrogate	b	b	50	62	-	-	10.0	1.3
Skegness	mb	b	45	68	Trace	-	10.0	2.0
Aberystwyth ...	ocb	b	54	61	-	-	6.0	7.7
Bath	bcb	b	55	66	-	-	10.0	7.0
Leamington Spa ...	ocb	b	43	68	-	-	7.9	5.1
Lowestoft	bcoc	cb	48	67	-	-	8.9	4.2
Felixstowe	b	b	48	70	-	-	10.9	6.5
Southend	bcb	b	47	71	-	-	9.9	7.6
Dover	bbcb	b	51	66	-	-	10.8	7.6

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 5-6 °F.	Temperature. Max. Day. 6 °F.	Rainfall.† Night 17h.-9h. 5-6 mm.	Rainfall.† Day 9h.-17h. 6 mm.	Sunshine. Sunrise to 17h. 6 hr.	Sunshine. Sunrise to Sunset. 5 hr.
Ilfracombe	oco	ocd	57	60	-	-	1.4	4.4
Bude	c	c	57	61	-	-	2.0	4.2
Paignton	o	bcb	45	68	Trace	-	9.4	11.2
Torquay	b	b	48	71	-	-	10.5	11.5
Weymouth	obc	b	49	68	-	-	6.7	8.7
Bournemouth ...	b	b	48	69	-	-	8.5	7.3
Portsmouth (S'thsea)	o	b	50	68	-	-	5.4	7.9
Littlehampton ...	ffbcm	bc	46	63	-	-	5.5	7.6
Worthing	obc	b	44	64	-	-	5.6	8.3
Brighton	mb	mb	46	63	-	-	9.6	7.5
Eastbourne	b	b	51	63	-	-	11.1	7.6
Hastings	b.bcb	b	49	67	-	-	11.0	6.9
Folkestone	b	b	48	68	-	-	10.1	7.7
Tunbridge Wells ...	b	b	43	68	-	-	10.9	6.2
Ramsgate	b	b	48	?	-	-	10.2	7.2
Margate	b	b	53	68	-	-	11.0	7.1
Deal	b	b	49	72	-	-	11.2	7.1

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22570 SATURDAY, 8TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 7th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1014.1	+4	W	2	bcjf	55	65	6	4000	CuNb	4	Ci:St	5	•
Stornoway	1020.7	+6	NW	3	bc	55	65	8	4000	Cu	6	-	6	•
Wick	1018.2	+6	NW	3	cPR-	53	85	8	2500	CuNb	7	-	7	•
Castlebay	1024.2	+4	NW	4	bc	55	75	8	4000	St.Cu	6	-	6	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1019.7	+3	WNW	4	b	60	65	8	2500	Cu	3	-	3	0
Malin Head	1025.7	+3	NW	5	b	57	75	8	5700	Cu	3	-	3	•
Renfrew	1023.1	+3	W	4	c+	60	55	8	2500	St.Cu	8	-	8	1
Edinburgh (Inchkeith)	1021.3	+4	W	5	b-	57	65	8	*	Cu	3	-	3	•
Leuchars	1020.6	+3	WNW	3	b	59	55	8	4000	St.Cu	3	-	3	0
Eskdalemuir	1022.8	+3	W'N	4	c	59	65	8	2500	St.Cu	7	-	7	0
Tynemouth	1021.5	+1	W	3	bc	60	75	7	800	CuNb	4	-	4	•
Blacksod Point	1028.5	+4	N	4	bc	57	75	9	*	-	-	-	4	•
Donaghadee	1025.4	+2	N	2	bc+	59	92	8	1500	CuNb	5	-	5	•
Parr Castle	1027.3	*	W	1	c-	60	65	8	4000	St.Cu	6	Ci.Cu	8	•
Holyhead	1026.4	+4	NW'N	4	b	58	75	8	4000	Cu	1	Ci.St	2	0
Liverpool (Bidston)	1025.1	+3	WNW	4	b-	57	65	8	4000	St.Cu	3	-	3	•
Chester (Shotwick)	1024.9	+3	NW	5	0-	59	65	8	2500	St.Cu	9	-	9	5
Spurn Head	1021.8	+2	N'E	5	0+	59	85	7	4000	St.Cu	9	-	9	•
Birmingham (Edgbaston)	1024.1	+2	NW	4	0jp	63	75	6	4000	CuNb	10	-	10	1
Nottingham	1022.9	+2	WNW	4	b-	65	65	8	4000	Cu	1	Ci.St	2	•
Crawwell	1022.4	+2	NW	4	bc	67	75	8	2500	Cu	5	A.Cu	6	0
Gorleston	1021.8	0	W	1	0/f	64	85	6	4000	Nb	10	-	10	•
Valencia (Cahirciveen)	1029.6	+2	NNW	4	bc-	58	65	8	2500	St.Cu	3	Ci.St	4	0
Roches Point	1028.0	+3	NW	4	c	62	75	8	4000	St.Cu	7	-	7	•
Pembroke (St. Ann's H.)	1026.3	0	N	3	c	60	85	8	2500	St.Cu	8	-	8	•
Ross-on-Wye	1023.5	+1	WNW	3	bc	69	55	9	4000	Cu	4	Ci	5	0
Hanson	1023.3	0	WSW	3	c-	70	75	7	*	Cu	7	-	7	0
Aldover	1023.9	0	W'N	4	0-	66	75	8	1500	St.Cu	9	-	9	0
S. Farnborough	1023.8	0	W'N	3	0	67	85	7	1500	St.Cu	10	-	10	0
London (Kew Obsy.)	1023.9	0	W'S	2	0	66	75	7	1500	St.Cu	7	A.St	10	1
Croydon	1023.8	-1	W'N	2	0	67	75	9	1500	St.	10	-	10	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1023.3	0	WSW	4	mo+	65	75	4	1500	St.	10	-	10	*
Grain	1023.3	-1	WSW	4	0	66	75	6	1500	St.	10	-	10	0
Lympne	1023.5	-1	NW	4	0/f	64	85	7	1500	St.	10	-	10	0
Selsey (St. Mary's)	1025.5	+1	WNW	3	ffo	60	97	1	1500	St.	10	-	10	•
Falmouth (Pendennis)	1028.3	0	NW	4	bc	64	75	8	5700	Cu	5	-	5	•
Plymouth (Cattewater)	1026.4	0	W	3	0-	64	75	7	1500	St.Cu	10	-	10	0
Portland Bill	1025.9	0	W	4	c+	61	92	7	2500	St.Cu	7	-	7	•
Southampton (Calshot)	1024.8	0	SW'W	4	0+	63	92	8	2500	St.Cu	10	-	10	0
Dungeness	1023.9	0	WSW	4	0	65	85	7	1500	St.Cu	10	-	10	•
Jersey	1026.3	0	WNW	2	0	61	92	7	4000	St.Cu	10	-	10	•
Guernsey	1027.0	-2	W	3	0	62	85	6	2500	St.	10	-	10	*

Observations at 1800 G.M.T. 7th

STATIONS.	Barom. at M.S.L. m.b	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	Rain 0-9
Lerwick	1017.6	+4	NNW	2	ocr.	48	75	6	4000	CuNb	9	-	9	1
Stornoway	1023.2	+4	NW	3	bc	51	75	8	4000	Cu	6	-	6	2
Wick	1021.1	+3	NW	2	bcf	51	75	8	2500	CuNb	6	-	6	0
Castlebay	1026.9	+1	WNW	4	b	54	65	8	4000	Cu	1	-	1	3
Nairn	1023.0	*	W	2	bc	51	75	8	4000	Cu	3	Ci.Cu	4	•
Aberdeen	1022.4	+3	WNW	3	b-	53	75	7	2500	Cu	2	-	2	0
Malin Head	1027.9	+1	NW	4	b	55	75	9	5700	Cu	1	Ac	2	4
Renfrew	1025.2	+3	NW	2	bjp	55	75	8	2500	St.Cu	2	-	2	•
Edinburgh (Inchkeith)	1023.0	+2	W	4	b-	56	65	8	*	Cu	1	-	1	3
Leuchars	1022.8	+3	NW	3	b	56	65	8	4000	St.Cu	2	-	2	•
Eskdalemuir	1025.2	+2	W'N	4	b-	50	75	8	2500	Cu	3	-	3	•
Tynemouth	1022.9	+1	WNW	2	b	59	75	7	1500	CuNb	3	-	3	0
Blacksod Point	1029.5	+1	NW	4	b	56	65	9	*	*	*	*	3	1
Donaghadee	1027.0	+2	N	2	b-	56	75	8	1500	Cu	2	-	2	3
Parr Castle	1028.4	*	NW	2	c	59	65	8	4000	St.Cu	8	-	8	•
Holyhead	1027.6	+1	W'N	3	b	58	75	8	5700	St.Cu	1	Ci.St	3	0
Liverpool (Bidston)	1026.9	+2	W'N	3	b-	56	65	8	-	-	0	-	0	4
Chester (Shotwick)	1026.4	+1	NW	3	b-	57	75	8	2500	Cu	1	Ci	3	•
Spurn Head	1024.6	+3	NNE	1	bc-	56	85	8	4000	Cu	6	-	6	1
Birmingham (Edgbaston)	1025.9	+3	NW	5	b	56	65	7	-	-	0	Ci	3	•
Nottingham	1024.8	+3	WNW	3	b	59	65	7	2500	Cu	1	Ci.St	2	•
Crawwell	1024.7	+3	NE'E	1	c	58	92	7	2500	St.Cu	8	-	8	•
Gorleston	1022.9	+1	N'W	1	c-	58	75	6	4000	St.Cu	7	-	7	0
Valencia (Cahirciveen)	1029.5	0	NNW	4	bc	57	75	9	4000	St.Cu	3	Ci.Cu	4	3
Roches Point	1028.8	0	N	2	b-	59	75	8	5700	St.Cu	1	-	1	0
Pembroke (St. Ann's H.)	1027.4	+1	NE	3	b-	56	65	8	-	-	0	Ci.St	3	3
Ross-on-Wye	1025.4	+2	NNE	2	c	59	75	9	4000	St.Cu	3	Ci	3	•
Hanson	1024.4	+2	N	4	bc	65	75	7	*	St.Cu	3	-	3	•
Aldover	1023.8	0	NW'W	3	b-	66	65	8	2500	St.Cu	2	-	2	•
S. Farnborough	1023.7	0	N	3	c+	66	75	7	4000	St.Cu	8	-	8	•
London (Kew Obsy.)	1023.7	+1	NNW	2	jpc+	67	65	8	4000	St.Cu	6	-	6	•
Croydon	1023.0	0	N	3	bd	67	65	7	4000	Cu	9	-	9	•
Clacton-on-Sea	1022.7	0	NW	3	c	67	75	6	2500	Cu	7	-	7	0
Shoeburyness	1022.5	-1	NW	2	c/bew	65	75	7	1500	St.Cu	8	-	8	•
Grain	1022.6	+2	NNW	3	c-	66	75	6	2500	St.Cu	8	-	8	0
Lympne	1023.7	0	W	3	bc-	61	92	6	1500	St	1	Ac	4	•
Selsey (St. Mary's)	1028.5	0	NNW	3	bc-	50	92	8	4000	St.Cu	4	Ci	5	2
Falmouth (Pendennis)	1028.6	0	NW	2	c+	60	75	8	5700	Cu	7	-	7	0
Plymouth (Cattewater)	1026.4	0	NNW	2	b-	61	75	8	4000	Cu	1	-	1	0
Portland Bill	1025.8	-2	W	3	b-	62	75	7	2500	Cu	2	-	2	5
Southampton (Calshot)	1024.5	0	NNW	4	b+	66	75	8	4000	St.Cu	1	-	1	0
Dungeness	1023.1	-1	WSW	4	c-	62	92	6	800	St	3	Ac	7	4
Jersey	1025.5	0	NNW	2	0/r	60	97	7	4000	St.Cu	10	-	10	0
Guernsey	1026.1	0	W	3	mo-	59	97	6	800	St.Cu	7	-	7	1

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall in in. Day.	Rainfall in in. Night.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % To-day.	Humidity. 9h. G.M.T. % To-day.
		24 HOURS ENDED 0600 G.M.T. 8th										
Kew } Croydon } 24 hours ended 0700	18	omd0	obcobc	bcbsh0	*	*	32	-	-	3.1	*	*
Greenwich (Royal Obsy.)	244	om	obcc	obm	*	*	34	-	-	2.1	*	*
City (Bunhill Row)	148	0	obc0	ocbsw	71	43	33	-	-	1.7	70	75
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	1.8	*	*
Regent's Pk. (Botanic Gdns.)	27	*	*	*	70	50	40	-	-	2.1	70	71
Camden Square	—	*	*	*	*	*	*	*	*	1.5	*	*
Kensington Palace	110	0	obcobc	*	71	47	42	-	-	*	*	?
Hampstead Observatory	80	obc	bbc	*	71	44	35	-	-	*	68 (19h)	80
	450	*	*	*	68	46	38	-	-	2.5	*	67

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ending 1800 G.M.T. 7th

South Kensington	Max.	Time.	Min.	Time.
	0.6	20h.6th	0.3	1h.7th
	0.6	7h.7th		

Kew Observatory	Max.	Time.	Min.	Time.
	0.5	21h.6th	0.3	4h.7th
	0.4	8h.7th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 7th 19h.45m. to 8th 04h.15m.

Stars	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8.30	6.54	81
δ Ursæ Minoris	8.30	6.38	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 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 (i.e. on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
10h.	-	-	-	-
10h.	-	-	-	-
11h.	-	-	-	-
11h.	-	-	-	-

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

8th & 9th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.16	11.51	6.26
	5.17	11.50	6.23
Greenwich	5.25	11.58	6.31
	5.26	11.57	6.28
Wick	5.28	12.10	6.51
	5.30	12.9	6.48
Valencia	6.3	12.39	7.13
	6.6	12.37	7.10

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
ro₀o = continuous light rain.

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.

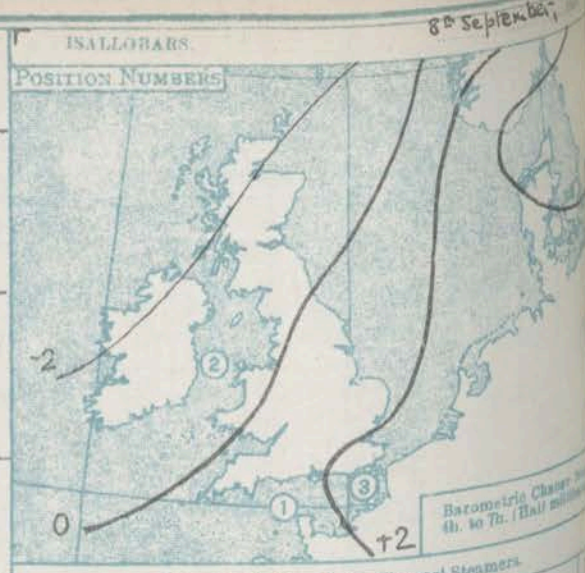
Calm or slight sea.
0 = no swell
1 = mod. swell
2 = heavy swell
Moderate sea.
3 = no swell
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

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

M.O. Form 2370.

Stations.	Weather. 7h.-13h.	Weather. 13h.-18h.	Weather. 18h. to 1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall. Day. 7h.-18h. mm.	Rainfall. Night. 18h.-7h. mm.	Rainfall. Precipitation began.	Rainfall. Precipitation began.	Sun. Hours.
Lerwick	bcpr	cpr	b	o	60	42	•	0.5	0.1	11.00	<2100	8.0
Stornoway	c	c	bbc	oo	59	48	•	-	-	-	-	9.6
Wick	cPR	cpR	cp	oo	55	41	•	3	0.3	0900	<2100	•
Castlebay	cbc	cb	bcb	bco	57	49	•	-	-	-	-	10.7
Nairn	bepcq	cbcq	bcxc	cq	58	42	•	1	-	0900	-	7.7
Aberdeen	bbc	bbc	b	bwcm	60	43	31	-	-	-	-	10.1
Malin Head	pobcv	bov	pobcv	bcvco	57	44	•	trace	trace	<0800	2200	11.4
Renfrew	bcby	cpbc	bbw	bcow	60	37	30	trace	-	13.30	-	5.0
Edinburgh (Inchkeith)	bc	cpb	bz	z	58	45	43	-	-	-	-	12.2
Leuchars	bbcypr	bbcy	bbw	bbcvr	62	38	25	trace	-	11.00	-	10.9
Eskdalemuir	c	cbc	off	oxof	59	32	30	-	-	-	-	8.9
Tynemouth	bbc	b-bc	bbcm	bbcm	63	44	40	-	-	-	-	•
Blacksod Point	c	b-bc	bbc	bbc	62	41	•	-	-	-	-	•
Donaghadee	bbc	bc	bc	bc	60	42	•	-	-	-	-	•
Birr Castle	co	co	co	bc	61	40	33	-	-	-	-	5.2
Holyhead	ordc	b	bbc	bcwv	59	45	41	trace	trace	<0800	-	7.9
Liverpool (Bidston)	opobc	b-bc	bbc	bbc	59	50	41	-	trace	-	-	6.5
Chester (Shotwick)	odomo	obcc	bbm	bwccm	62	40	35	0.1	-	<0800	-	5.9
Spurn Head	c	c	bbc	c	63	49	•	-	-	-	-	6.0
Birmingham (Edgbaston)	codo	cbc	bm	pfw	67	44	31	trace	-	<0800	-	4.5
Nottingham	o	b-bc	bm	f-m	68	40	38	-	-	-	-	7.1
Cranwell C-opo.C	~~comc~~	c	bbc	cm	67	41	37	trace	-	0900	-	7.7
Gorleston	codo	oroc	bw	bw	67	45	42	2	-	1100	-	1.8
Valencia (Cahirciveen)	rdpobc	bcbbc	b	bwbc	59	43	40	0.3	-	<0800	-	7.7
Roches Point	c	bcb	bw	bz	63	47	*	-	0.1	-	-	*
Pembroke (St. Ann's H.)	c	b-bc	bbc	bbc	62	48	•	-	-	-	-	7.3
Ross-on-Wye	dopctvbc	bcvyev	bcbw	bmw	69	38	32	-	-	-	-	4.8
Benson	bc	bc	bcb	bm	73	36	29	-	-	-	-	•
Andover	oco	ocbcb	bbcc	cbcm	70	44	36	-	-	-	-	6.3
S. Farnborough	owo	bcc	cbcbw	bwf	73	36	36	-	trace	-	-	3.9
London (Kew Obsy.)	omdoo	obccbc	bccbw	bwbfwm	71	43	32	-	-	-	-	3.1
Croydon	om	obcc	obm	bm	71	41	34	-	-	-	-	2.1
Cleton-on-Sea	cmog	ogc	cbcz	bcz	69	46	43	-	-	-	-	1.8
Shoeburyness	offom	omc	cbc	bm	71	48	36	trace	trace	-	-	0.9
Grain	omoz	ocpz	czbb	bbvvm	70	43	36	trace	trace	17.30	-	1.1
Lympne	afmdo	ocbem	bcm	bw	66	45	39	trace	trace	11.00	-	2.2
Scilly (St. Mary's)	coffc	ffcoc	bcb	b	62	52	•	0.1	-	<0800	-	0.8
Falmouth (Pendennis)	bcmbc	bc	bc	bc	67	48	•	-	-	-	-	4.5
Plymouth (Cattewater)	ao	cbcb	b	b	65	47	?29	-	-	-	-	2.4
Portland Bill	c	b-bc	bbc	bbc	64	51	•	-	-	-	-	•
Southampton (Calshot)	cbcc	ocbcb	b	bc	71	47	44	-	-	-	-	6.5
Dungeness	f-m	oo	c	bbc	66	42	•	-	-	-	-	•
Jersey	oco	o	ob	obc	62	55	•	trace	-	15.30	-	0.0
Guernsey	ofdcf	f-m	f-m	c	63	55	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	7th 1100	Reindeer	W	5	D-	61	59
2	7th 1005	Cambria	NW	3	cv	56	55
3	8th 0100	Dieppe	NE	5	bc	60	61

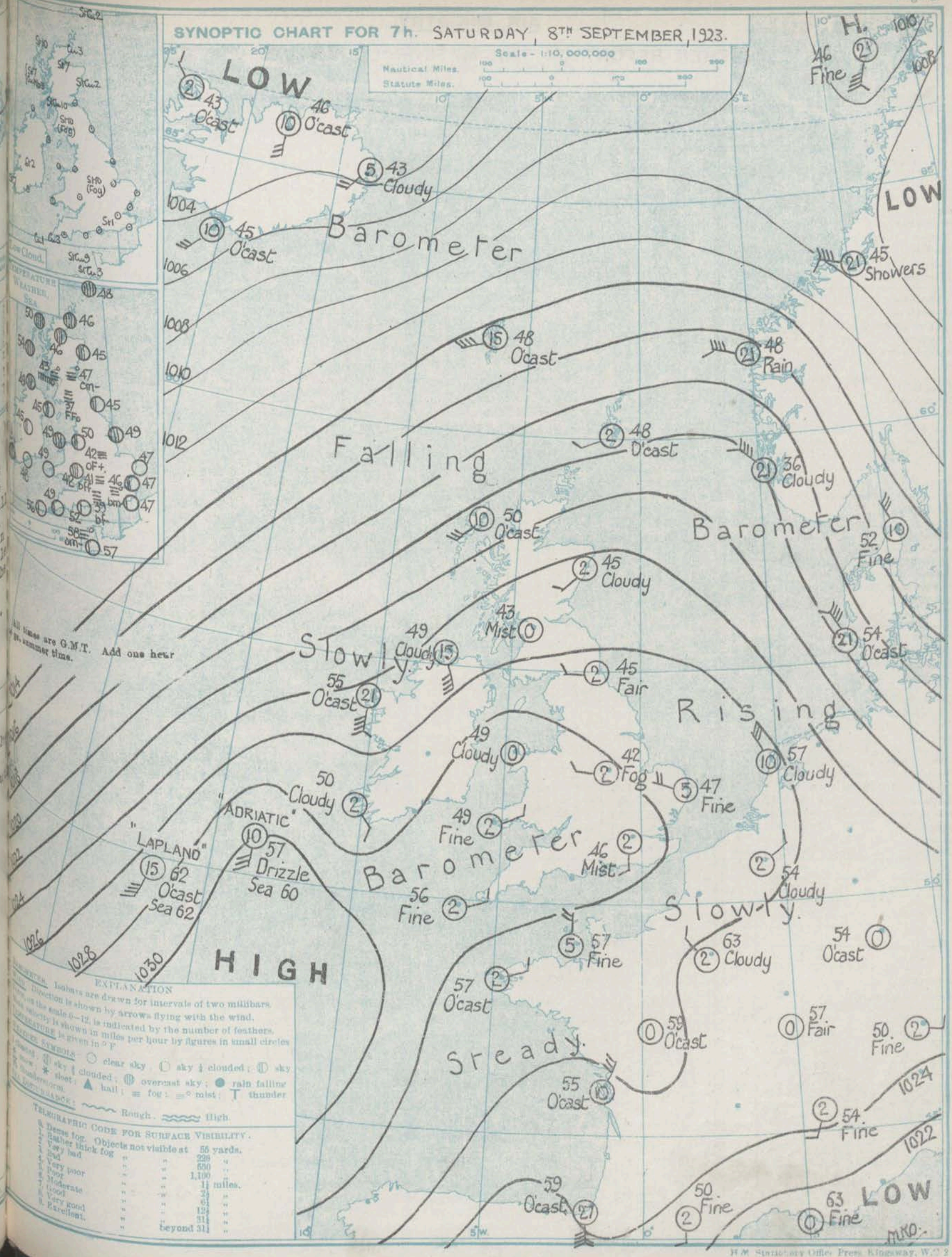
GENERAL INFERENCE.

A depression near Iceland is moving eastwards and will cause S.W. to W. winds to spread to all districts for a time, fresh to strong in the North, moderate in the South. Some rain is probable in the North but in the South the weather will be fair at first with some rain or drizzle later.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 8th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.W. to W., light to moderate; fair at times, some rain or drizzle later; visibility moderate; moderate temperature.	Unsettled in the North mainly fair in the South
5. S.W. England 6. South Wales	Wind S.W. to W., light to moderate; fine at first, some rain or drizzle later; some coastal fog; moderate temperature.	
7. North Wales	As 1 - 4.	
8. N.W. England 9. N. Midlands 10. N.E. England	Wind S.W. to W., freshening; cloudy, some rain later; visibility moderate; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind S.W. to W., fresh to strong; cloudy, some rain; visibility moderate; cool.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind S.W. to W., veering to N.W. later; fresh to strong; cloudy, some rain; visibility moderate; cool.	
19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to W., light to moderate, freshening; cloudy, some rain or drizzle later; visibility moderate; moderate temperature.	

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

* For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION....Saturday 8th September 1923. No. 251.

Observations at 0100 G.M.T. 8th

Stations	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1010.8	+3	-	0	b	44	75	6	-	-	0	A.St.	1
Stornoway	51	1015.4	+1	-	0	bc	*	*	6	*	*	*	*	*
Wick	81	1023.1	+1	w	1	b/r	43	97	8	2500	Cu.Nb	4	-	4
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	1027.7	0	SSE	2	b	49	92	9	5700	Cu	1	-	1
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1026.5	+3	SW	4	mmb	47	85	6	-	-	0	-	0
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1026.7	+1	W	1	b	47	85	6	-	-	0	-	0
Blacksod Point ...	10	1028.2	-3	-	0	0	49	92	3	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1028.7	0	SE	1	b	54	97	8	-	-	0	-	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1026.5	+1	NW'W	5	b	52	85	7	-	-	0	-	0
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1027.9	+2	WNW	3	b	47	97	6	-	-	0	-	0
Gorleston	13	1026.4	+1	WNW	2	b+	47	92	7	4000	St	2	-	2
Valencia (Cahirciveen)	30	1029.2	-2	S'E	1	b	50	85	5	-	-	0	-	0
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1029.2	0	N	1	b	49	85	8	-	-	0	-	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	186	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	51	*	*	*	*	*	*	*
Croydon	244	1027.3	+1	-	0	b-	47	92	6	-	-	0	-	0
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1026.7	+2	NNE	3	b	49	92	7	2500	St	2	-	2
Scilly (St. Mary's) ...	131	1028.1	0	-	0	b	54	92	8	-	-	0	-	0
Falmouth (Pendennis)	200	1029.7	+2	N-	2	b	51	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1026.9	+3	NNE	3	b	54	65	7	-	-	0	-	0
Southampton (Ca. shot)	12	1027.8	+2	N	3	b	53	85	8	-	-	0	-	0
Dungeness	21	1026.1	+1	NNE	2	b	53	97	8	-	-	0	-	0
Jersey	25	*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—	1026.2	0	N	3	b/f	51	85	3	-	—	0	-	0

Observations at 0700 G.M.T. 8th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Bar.
Lerwick	1013.2	-3	WSW	1	0	48	75	6	4000	St.Cu	2	A.St	10	0
Stornoway	1020.2	-3	~~WSW~~ WSW	3	0	50	85	6	800	St	10	-	10	2
Wick	1021.5	-2	SW	2	0	46	92	8	4000	Cu	3	A.St	10	0
Castlebay	1022.0	-3	SW	5	0	54	75	8	1500	St	10	-	10	4
Nairn	1022.7	.	-	0	c+	46	92	8	1500	St	7	-	7	.
Aberdeen	1024.7	-1	SW'W	1	c	45	85	6	5700	St.Cu	2	Ci.St	8	0
Malin Head	1024.1	-3	SSE	4	c	49	85	8	-	-	0	A.Cu	8	2
Renfrew	1025.9	-1	-	0	m.c+	43	97	4	4000	St.Cu	10	-	10	.
Edinburgh (Inchkeith)	1025.5	-1	WSW	3	rame	47	85	6	*	-	0	Ci.St	8	2
Leuchars	1024.9	0	W	2	c	43	92	7	-	-	0	A.Cu	7	.
Eskdalemuir	1027.7	0	NW	1	FFo	37	97	1	<150	St	10	-	10	.
Tynemouth	1026.4	0	W	1	bc+	45	97	6	-	-	0	A.Cu	4	1
Blacksod Point ...	1024.4	-6	S	5	0	55	85	9	*	*	*	*	10	4
Donaghadee	1026.7	0	W	1	bc+	45	92	8	-	-	0	A.Cu	5	0
Birr Castle	1027.4	*	SSE	1	bc-	45	97	7	4000	St	2	Ci	5	.
Holyhead	1028.2	-1	-	0	c	49	97	9	-	-	0	Ci.St	8	0
Liverpool (Bidston) ...	1028.2	0	SW	2	bc	50	92	7	-	-	0	A.St	5	3
Chester (Shotwick) ...	1028.3	0	-	0	c⊕	45	97	6	4000	St.Cu	1	Ci.St	7	.
Spurn Head	1027.6	+1	WNW	3	c	49	92	7	-	-	0	Ci.St	7	.
Birmingham (Edgbaston)	1029.0	+1	WNW	2	fb-	46	92	3	-	-	0	Ci	2	.
Nottingham	1028.6	+1	W	1	Fo+	42	97	1	220	St	10	-	10	.
Cranwell	1028.3	+1	W	2	c	45	97	6	-	-	0	Ci.St	8	0
Gorleston	1026.8	0	W'N	2	b	47	92	6	-	-	0	-	0	.
Valencia (Cahirciveen)	1027.5	-1	SE	1	c+	50	85	8	1500	St	7	A.Cu	8	3
Roches Point	1027.3	0	-	0	b	48	97	6	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1028.7	-1	ENE	1	b	49	92	8	-	-	0	-	0	3
Ross-on-Wye	1028.6	0	S	1	c/m	42	97	8	-	-	0	Ci	8	.
Benson...	1028.8	+1	NNW	1	ff/b	41	97	3	-	-	0	-	0	0
Andover	1028.3	+1	ENE	1	bc	47	97	6	-	-	0	Ci.St	4	.
S. Farnborough ...	1028.6	+2	-	0	fb-	39	97	3	-	St	1	Ci	1	.
London (Kew Obsy.) ...	1028.9	+2	S	1	mb-	46	92	4	-	-	0	-	0	.
Croydon	1028.8	+2	S'W	2	b	43	97	4	-	-	0	Ci.St	3	0
Clacton-on-Sea ...	1028.0	+3	NNW	3	bc	47	92	6	-	-	0	Ci	4	.
Shoeburyness	1028.3	+2	NNW	1	mb-	49	85	6	-	-	0	Ci.St	2	0
Grain	1028.3	+4	-	0	b	49	92	6	-	-	0	Ci	2	.
Lympne	1027.8	+2	NNE	3	b	50	97	7	-	-	0	Ci	1	.
Scilly (St. Mary's) ...	1028.7	0	ENE	1	b+	56	85	8	4000	Cu	1	Ci	2	1
Falmouth (Pendennis)	1028.5	+1	N	2	b+	49	75	8	5700	Cu	3	-	3	0
Plymouth (Cattewater)	1028.3	+2	-	0	b-	49	85	7	-	-	0	-	0	0
Portland Bill	1027.4	+1	NNE	4	b	52	75	7	-	-	0	Ci.Cu	2	1
Southampton (Ca. shot)	1028.1	0	NE'N	2	c+	50	85	7	-	-	0	Ci.St	7	0
Dungeness	1027.8	+2	NE	2	b+	47	97	7	-	-	0	Ci.Cu	3	3
Jersey	1026.6	0	N	2	b	53	92	7	4000	St.Cu	3	-	3	3
Guernsey	1027.0	+1	E	2	mo-	58	85	6	4000	St.Cu	3	-	3	3

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

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 6-7 °F.	Temperature. Max. Day. 7 °F.	Rainfall.† Night 17h.-9h. 6-7 mm.	Rainfall.† Day 9h.-17h. 7 mm.	Sunshine. Sunrise to 17h. 7 hr.	Sunshine. Sunrise to Sunset. 6 hr.
Montrose	bbc	by	52	64	-	-	10.1	7.9
Berwick-on-Tweed	b	b	54	61	1	-	10.1	9.2
Llandudno	roc	bc	57	60	1	0.1	5.3	5.3
Colwyn Bay ...	rc	bcb	57	60	3	-	5.0	7.5
Rhyl...	bc	bc	56	59	2	0.3	4.9	6.6
Southport	ocbc	bcb	57	59	1	-	7.0	4.5
Blackpool	oc	bbc	57	60	2	-	7.0	5.1
Ilkley	bc	b	55	66	3	-	7.0	5.8
Harrogate	cbc	b	55	63	1	-	7.1	11.4
Skegness	bcc	c	53	68	Trace	-	4.2	10.6
Aberystwyth ...	roc	b	56	60	2	-	4.0	6.0
Bath	moc	bcb	54	70	-	-	5.0	10.8
Leamington Spa ...	ocb	b	52	70	-	-	5.3	8.4
Lowestoft	op.o	op.oc	52	~~55~~ 68	-	1	1.2	9.2
Felixstowe	om	obc3	53	69	-	-	2.0	11.5
Southend	c	ocf	49	70	-	-	1.1	10.4
Dover	omdc	cobc3	51	67	-	-	4.0	11.6

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 6-7 °F.	Temperature. Max. Day. 7 °F.	Rainfall.† Night 17h.-9h. 6-7 mm.	Rainfall.† Day 9h.-17h. 7 mm.	Sunshine. Sunrise to 17h. 7 hr.	Sunshine. Sunrise to Sunset. 6 hr.
Ilfracombe	omd	oco	56	63	0.3	2	1.9	1.4
Bude	mdmdc	oocbc	56	62	0.3	-	2.7	2.0
Paignton	odc	bccdc	50	71	-	-	5.7	10.4
Torquay	b	b	57	72	-	-	5.7	11.9
Weymouth	bc	bc	53	71	-	-	6.2	7.7
Bournemouth ...	bc	bcb	53	70	-	-	5.0	9.3
Portsmouth (S'thsea)	ob	bbcb.	53	71	-	-	6.1	6.3
Littlehampton ...	ocmbc	bc	47	65	-	-	5.1	6.3
Worthing	obc	occb	49	65	-	-	3.5	6.7
Brighton	moc	cbbcb	49	64	-	-	2.0	10.0
Eastbourne	ooc	oc	52	65	-	-	1.2	11.5
Hastings	o	oco	49	66	0.1	-	0.9	11.4
Folkestone	b	b	49	67	-	-	2.1	10.5
Tunbridge Wells ...	o	oc	46	68	-	-	1.3	11.8
Ramsgate	bbc	bc	49	?	-	-	4.1	11.4
Margate	bc	cbcb	51	68	-	-	4.3	11.3
Deal	b.bc	cobcb	50	68	-	-	3.7	11.9

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22571. Sunday, 9th. September 1923.

Observations at 1800 G.M.T. 8th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1006.3	-3	SW	2	0	51	75	6	4000	StCu	5	ASt	10	•
Stornoway	1014.1	-7	SSW	7	or r	53	92	6	450	St	10	-	10	•
Wick	1018.1	-5	SW'W	3	0 r	50	92	8	1500	St	4	ASt	10	•
Castlebay	1017.8	-3	SW	5	0 r	54	97	7	1500	Nb	10	-	10	•
Kelm	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1020.8	-5	SW	4	0 r	54	75	7	2500	StCu	10	-	10	1
Malin Head	1020.9	-3	SSW	4	0	57	85	8	-	-	0	ASt	10	•
Renfrew	1023.2	-3	SW	4	0 pr	55	75	7	4000	St	10	-	10	1
Edinburgh (Inchkeith)	1022.3	-5	WSW	5	d+	56	65	8	-	Cu	5	ASt	10	•
Leuchars	1022.1	-3	SW	4	0	57	65	7	2500	StCu	5	ASt	10	0
Eskdalemuir	1024.2	-3	SW	5	0	55	75	8	2500	StCu	10	-	10	0
Tynemouth	1025.2	-2	W	1	bc	59	75	6	-	-	0	ACu	5	•
Blackpool Point	1023.5	-1	S	6	mo+	57	92	6	•	•	•	•	10	•
Donaghadee	1023.7	-1	SW	2	bc+	60	75	8	2500	St	6	-	6	•
Birr Castle	1024.8	•	SSW	2	c+	65	65	8	4000	StCu	7	-	7	•
Holyhead	1026.9	-2	S'W	4	bv	60	75	9	4000	Cu	1	CiCu	2	0
Liverpool (Bidston)	1026.0	-2	WSW	1	bc	60	65	8	4000	Cu	3	CiSt	4	•
Chester (Shotwick)	1026.9	-2	SSW	3	bc⊕	65	55	8	2500	Cu	3	CiSt	5	0
Spurn Head	1026.9	-1	SW	3	b	61	65	7	-	-	0	Ci	3	•
Birmingham (Edgbaston)	1027.8	-1	SSW	3	bc⊕	63	45	8	-	-	0	CiSt	4	0
Nottingham	1027.3	-2	W	2	bc	62	55	8	-	-	0	Ci	4	•
Cranwell	1027.3	-1	W	3	c	63	75	8	-	-	0	CiSt	7	0
Gorleston	1027.2	0	SWW	2	b+	65	55	6	4000	Cu	3	-	3	•
Valencia (Cahirciveen)	1026.1	-2	S'E	5	cv	60	75	9	2500	StCu	8	-	8	0
Roches Point	1027.1	-1	SW	3	b-	59	85	8	4000	Cu	3	-	3	•
Pembroke (St. Ann's H.)	1028.0	-1	SSE	2	b	60	65	8	4000	StCu	2	Ci	3	•
Ross-on-Wye	1026.7	-1	SW	2	b	66	55	7	4000	Cu	1	Ci	3	0
Benson	1027.7	-1	SW	1	b	68	55	8	-	-	0	Ci	1	0
Andover	1027.9	0	S	2	b-	68	45	7	-	-	0	Ci	2	0
S. Farnborough	1028.0	-1	S	1	mmb	68	55	6	5700	Cu	1	-	1	0
London (Kew Obsy.)	1027.8	-2	S	2	b	65	55	5	-	-	0	-	0	1
Croydon	1027.6	-1	WSW	1	b	67	55	7	-	-	0	Ci	2	0
Gleston-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1028.5	+1	NE	1	bc	65	85	6	-	Cu	3	Ci	5	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1028.5	0	ENE	3	b	61	65	7	4000	Cu	1	Ci	2	0
Reilly (St. Mary's)	1028.2	0	SE	3	c	62	55	8	4000	Cu	4	Ci	8	0
Falmouth (Pendennis)	1028.5	0	E'S	2	b	64	75	7	4000	Cu	1	-	1	•
Plymouth (Cattewater)	1027.8	-1	E	1	b	61	65	8	-	-	0	CiCu	2	•
Portland Bill	1027.9	0	SSW	2	b	62	65	7	-	-	0	-	0	0
Southampton (Calshot)	1027.6	+1	NNE	2	b	63	65	7	-	-	0	-	0	•
Dungeness	1028.2	0	ESE	4	bc	64	75	7	1500	Cu	1	CiSt	4	0
Jersey	1028.0	+1	NE	2	bc+	64	55	8	5700	Cu	1	CiCu	6	•
Guernsey	1026.3	0	ENE	2	bc	67	75	8	4000	StCu	4	-	4	•
	1026.8	-2	ENE	3	mmb	60	85	6	-	CuNb	3	-	3	•

Observations at 1800 G.M.T. 8th

STATIONS.	Barom. at M.S.L. m.b	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	1010.5	+2	S	3	oRR	49	97	6	4000	Nb	10	-	10	2
Stornoway	1010.6	-2	SW	5	o/r	58	92	7	800	St	10	-	10	4
Wick	1010.9	-5	SW	4	o-	54	92	8	2500	CuNb	4	ACu	9	3
Castlebay	1014.8	-3	SW	5	o jb	56	92	6	1500	Nb	10	-	10	0
Kelm	1015.3	•	W	4	c	56	85	8	4000	Cu	4	CiCu	7	•
Aberdeen	1016.4	-4	SW	3	o	55	85	7	4000	StCu	6	ASt	9	0
Malin Head	1018.3	-2	SSW	4	o	60	85	8	5700	StCu	9	-	9	2
Renfrew	1020.1	-4	SW	5	o+	55	85	6	800	StCu	10	-	10	•
Edinburgh (Inchkeith)	1019.1	-2	WSW	4	o	56	75	8	-	St	8	CiSt	10	2
Leuchars	1018.2	-4	SW	6	o	55	75	7	2500	StCu	4	ASt	10	•
Eskdalemuir	1021.9	-2	S'W	4	od.	53	85	7	1500	St	10	-	10	•
Tynemouth	1022.3	-3	WSW	2	c+	59	75	6	-	-	0	CiCu	7	1
Blackpool Point	1019.3	-3	S	5	o	58	92	8	-	•	•	•	9	5
Donaghadee	1021.1	-2	SW	2	c+	60	85	8	4000	StCu	7	-	7	3
Birr Castle	1022.4	•	SW	3	c+	64	65	8	4000	StCu	6	ACu	8	•
Holyhead	1024.2	-3	S'W	5	bv	57	85	9	5700	StCu	1	ACu	2	3
Liverpool (Bidston)	1024.0	-2	WNW	1	b	58	75	8	-	-	0	-	0	3
Chester (Shotwick)	1024.5	-2	WSW	3	b	62	65	8	-	-	0	Ci	2	•
Spurn Head	1023.9	-3	SW	3	c	59	75	7	-	-	0	Ci	7	1
Birmingham (Edgbaston)	1024.9	-3	S	2	b	63	55	7	-	-	0	-	0	•
Nottingham	1024.5	-4	W	2	b	62	55	7	-	-	0	Ci	2	•
Cranwell	1025.5	-2	SWW	2	c	60	85	7	-	-	0	CiSt	8	•
Gorleston	1025.5	-1	S'W	3	bc	59	75	7	-	-	0	CiCu	5	0
Valencia (Cahirciveen)	1023.2	-3	S'E	5	o+	57	85	8	1500	StCu	9	-	9	3
Roches Point	1024.2	-4	SW	3	b-	57	92	8	2500	Cu	1	-	1	0
Pembroke (St. Ann's H.)	1025.6	-2	S	1	b	57	75	8	-	-	0	-	0	3
Ross-on-Wye	1024.5	-3	SW	2	b	62	65	7	-	-	0	-	0	•
Benson	1025.6	-3	SW	1	b	61	65	8	-	-	0	-	0	•
Andover	1025.6	-2	S'W	3	b-	62	65	8	-	-	0	CiSt	1	•
S. Farnborough	1025.9	-1	SSW	2	bc+	64	65	6	-	-	0	Ci	4	•
London (Kew Obsy.)	1025.3	-3	S	1	b	64	55	6	-	-	0	Ci	1	•
Croydon	1026.0	-1	S	2	c	61	75	8	-	-	0	CiSt	8	•
Gleston-on-Sea	1026.5	-2	SE	4	bc	59	75	7	-	-	0	CiSt	5	1
Shoeburyness	1025.9	-3	E	1	bc	59	75	6	-	-	0	Ci	4	•
Grain	1026.1	-2	SSE	3	b	62	65	8	-	-	0	Ci	2	0
Lympne	1026.5	0	E'S	2	c	57	75	8	-	-	0	Ci	7	•
Reilly (St. Mary's)	1026.0	-2	ESE	2	b	58	92	8	4000	Cu	1	-	1	1
Falmouth (Pendennis)	1025.7	-2	S	1	b	60	75	8	-	-	0	-	0	0
Plymouth (Cattewater)	1025.5	-3	S	3	b	59	75	7	-	-	0	-	0	0
Portland Bill	1026.2	-2	NNE	2	b	60	75	7	-	-	0	-	0	0
Southampton (Calshot)	1026.1	-2	ESE	3	b	60	85	8	-	-	0	Ci	1	0
Dungeness	1026.4	-1	ENE	2	b	60	75	8	-	-	0	CiCu	2	2
Jersey	1025.3	0	E	2	b	66	65	8	-	-	0	-	0	0
Guernsey	1025.5	-2	NE	1	mmb	59	92	7	-	-	0	-	0	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Dew.	Rainfall. mm. Rain.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 9th								YESTERDAY.	TO-DAY.	
Kew } 24 hours ended 0700	18	bmWbZ	ybz	bfWm	•	•	33	-	-	10.2	•	•
Croydon }	244	acbmz	bbccoy	cbmW	•	•	36	-	tra.	10.8	•	•
Greenwich (Royal Obsy.)	143	b	b	bWm	70	43	28	-	-	10.5	47	76
City (Bunhill Row)	20	•	•	•	•	•	•	•	•	5.9	•	•
Westminster (St. James' Pk.)	27	•	•	•	69	45	44	-	-	8.0		
Regent's Pk. (Botanic Gdns.)	—	•	•	•	•	•	•	•	•	6.5	•	•
Camden Square	110			•						•	•	
Kensington Palace	80	b	b	•	69	44	35	-	-	•	59 (18h)	76
Hampstead Observatory	450	•	•	•						11.2	•	

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T.

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

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-
-	-		

POLE STAR RECORD at Greenwich Obsy.

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

to ..... h. ..... m.

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

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per sec.	Strength.	Direc.
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-
21h.	-	-	-	-

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

9th - 10th September, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.17	11.50	6.23
	5.19	11.50	6.21
Greenwich	5.26	11.57	6.28
	5.28	11.57	6.27
Wick	5.30	12.9	6.48
	5.32	12.9	6.46
Valencia	6.6	12.38	7.10
	6.8	12.38	7.8

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

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

R = heavy rain.
rr = continuous moderate rain.
ro/ro = continuous light rain.

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

SEA DISTURBANCE.

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

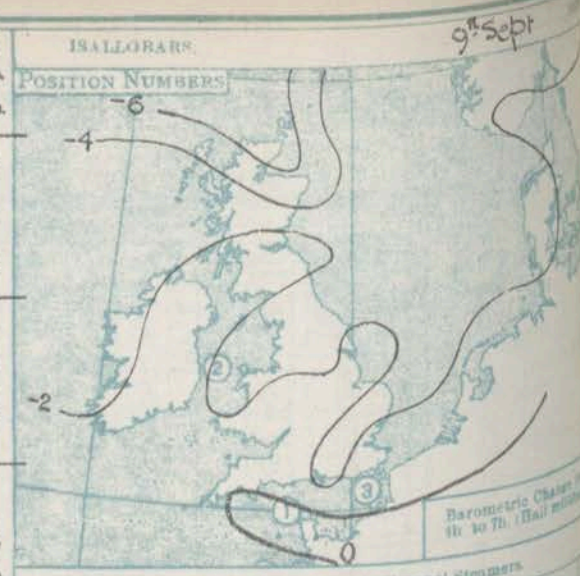
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 8th	Weather. 13h.-18h. 8th	Weather. 18h. 8th to 1h. 9th	Weather. 1h.-7h. 9th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 8th Hours.
Lerwick	o	omr	omqr	omqd	53	48	•	7	8	14·30	<2100	1.5
Shernoway	rr	p	p	c	58	35	•	32	1	–	-	0.0
Wick	or.r.	oo	bbc	c	55	53	•	0.6	-	11·00	-	•
Castlebay	or r.	r.o	o	opo	56	55	•	0·4	0.1	–	-	0.0
Nairn	cr.r.d	cqd	bcq	bcq	57	55	•	0·4	-	0900	-	0.4
Aberdeen	cbor.	r.oo	ocbc	bc	57	52	42	Trace	-	11·00	-	2.5
Malin Head	oc	oc	cov	cov	60	55	•	–	trace	–	0630	1.7
Renfrew	odo	oom	ocb	bcco	58	55	52	–	-	–	-	0.7
Edinburgh (Inchkeith)	oo	oo	c	oo	58	55	52	–	-	–	-	0.9
Leuchars	cobr.	oo	ocq	cbcq	57	54	44	Trace	-	11·00	-	1.4
Eskdalemuir	ofo	ood.	od.o	od.o	56	51	51	Trace	0.2	17·30	0130	2.2
Tynemouth	b-bcm	om	b.bc	bbc	62	52	46	–	-	–	-	•
Blacksod Point	m	oo	r-d	p	61	51	•	–	3	–	-	•
Donaghadee	c	o	obc	o	63	53	•	–	-	–	-	•
Birr Castle	bcco	co	co	co	67	51	44	–	-	–	-	9.1
Holyhead	cbcbv	bbv	bbw	bwbcw	61	54	51	–	trace	–	-	10.7
Liverpool (Bidston)	b-bc	b	bm		63	48	39	–	-	–	-	10.4
Chester (Shotwick)	cc	bcbb	bb	bbc	68	42	34	–	-	–	-	10.6
Spurn Head	b-bc	c	bb	bbc	64	50	•	–	-	–	-	9.4
Birmingham (Edgbaston)	bbc	bbcb	bm	bmw	66	45	37	–	-	–	-	8.1
Nottingham	b-bc	b-bc	bm	bbcmw	64	46	39	–	-	–	-	9.2
Cranwell	cbcc	c	bbc	bbc	64	47	37	–	-	–	-	10.5
Gorleston	bbc	b-bc	bbc	bbc	66	51	47	–	-	–	-	10.8
Valencia (Cahirciveen)	bcc	co	ocm	oodm	60	55	51	–	trace	–	-	5.1
Roches Point	bbcb	b-bcm	bo	o	60	54	•	–	-	–	-	•
Pembroke (St. Ann's H.)	b-bc	b-bc	bbc	bbc	60	54	•	–	-	–	-	11.4
Ross-on-Wye	bc	by	bzbmw	cmom	67	44	36	–	-	–	-	11.3
Benson	bbz	b	b	b	68	39	31	–	-	–	-	•
Andover	bcby	bybcy	bbm	bmof	68	37	35	–	-	–	-	11.5
S. Farnborough	bbmzy	zmbc	bcmwb	bmw	70	36	33	–	trace	–	-	11.2
London (Kew Obsy.)	bmwbzy	bzy	bbfwbw	bwfbmw	68	42	33	–	-	–	-	10.2
Croydon	bcbmz	bbccby	cbbw	bmw	69	46	36	–	trace	–	-	10.8
Clacton-on-Sea	bz	bcy	bc	bcwbz	61	56	52	–	-	–	-	11.1
Shoeburyness	bc	b-bc	bm	bbc	65	40	31	–	-	–	-	11.2
Grain	bmb	bb	bbm	bbwm	67	39	34	–	trace	–	-	10.7
Lympne	bbcc	c	bbc	bwbc	63	49	40	–	trace	–	-	11.4
Scilly (St. Mary's)	bcb	b	bbc	co	65	54	•	–	-	–	-	11.6
Falmouth (Pendennis)	bc	b	b	bco	62	49	•	–	-	–	-	10.4
Plymouth (Cattewater)	b	b	33	33	63	47	•	–	–	–	–	11.9
Portland Bill	b-bc	b-bc	bbc	bbc	65	57	•	–	-	–	-	•
Southampton (Calshot)	bmbc	bcb	bwbw	bcmcm	64	47	45	–	trace	–	<2100	11.8
Dungeness	c	b-bc	bbc	c	64	56	•	–	-	–	-	•
Jersey	bbcb	b	b	bc	71	53	•	–	-	–	-	9.8
Guernsey	mob	mb	mmb	mbw	62	57	•	–	-	–	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	8th 1000	Cambria	SSW	3	bc	56	55
1	" 1100	Ibex	ENE	2	bc	60	59

GENERAL INFERENCE.

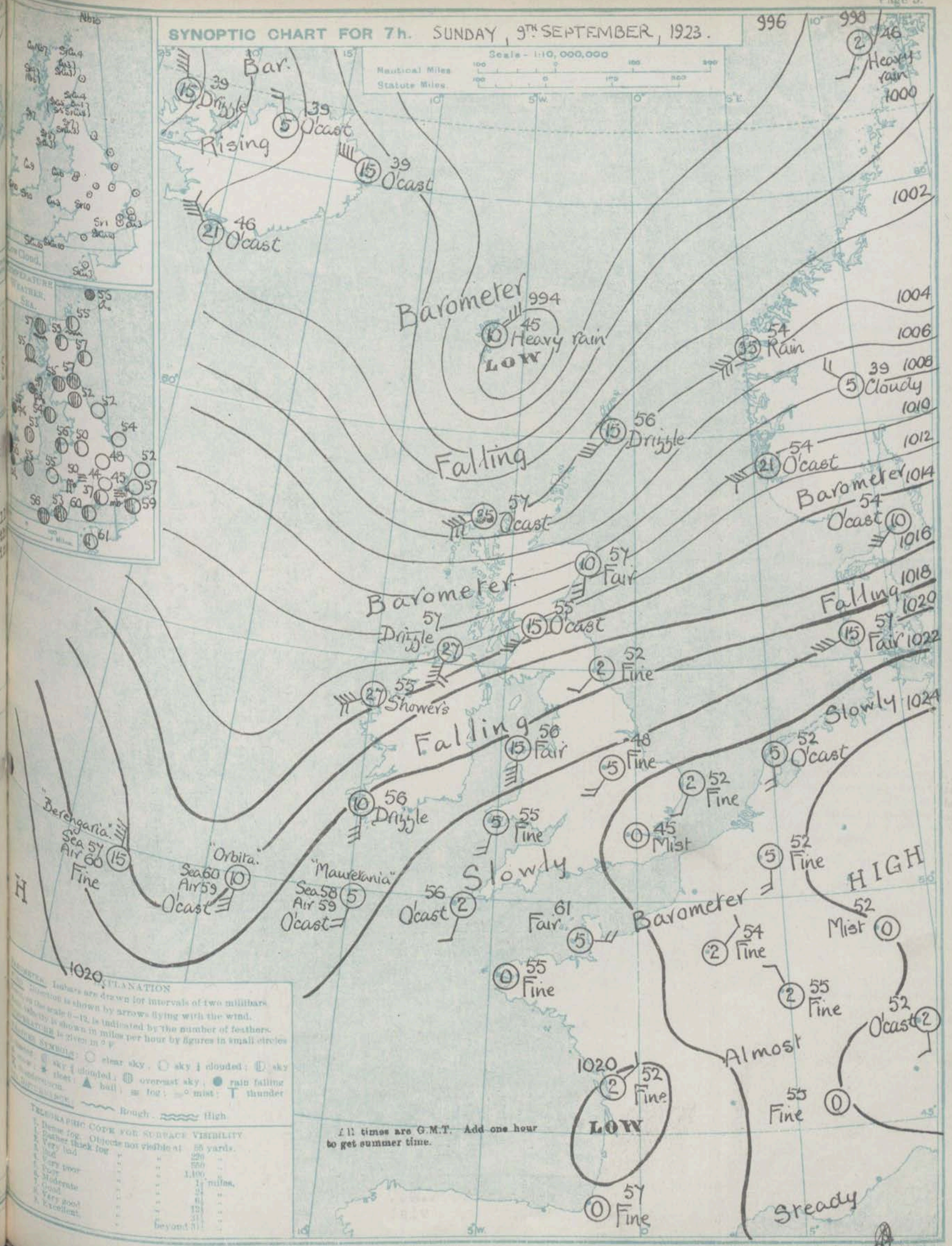
A depression to the north of Scotland is growing deeper while a trough of low pressure to the west of Ireland is spreading eastwards. Winds will be strong to a gale in the North with some rain. Some light rain or showers are probable in the South, improving again later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 9th September, 1923.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S.W., light or moderate, mainly fair, risk of local showers later; visibility moderate; moderate temperature.	None is sued.
4. W. Midlands 5. S.W. England 6. South Wales	Wind S.W., light or moderate, mainly fair, local showers; visibility moderate to good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland ▼ 12. S.W. Scotland 13. Isle of Man	Wind S.W. to W., fresh or strong; variable cloud, some showers; visibility moderate to good; moderate temperature.	
14. N. & N.W. Scotland ▼ 15. Hebrides ▼ 16. Orkneys and Shetlands ▼	Wind S.W. to W., strong to a gale; much low cloud, some rain; visibility moderate to good; becoming cooler.	▼ South cone hoisted 0845 GMT. 9-9-1923.
17. N.W. Ireland 18. N.E. Ireland	As 7 to 13.	
19. S.E. Ireland 20. S.W. Ireland	Wind S. to S.W., veering to N.W., light or moderate; some showers at first, improving; visibility moderate to good; moderate temperature.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT.

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

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. SUNDAY, 9TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles.
Bar.
Rising
Drizzle
O'cast
Barometer
Heavy rain
LOW
Falling
Rain
Cloudy
Fair
Fine
Showers
Mist
Slowly
HIGH
Almost
Steady
"Berengaria."
Sea 57
Air 60
"Orbita."
Sea 60
Air 59
"Mauretania"
Sea 58
Air 59
1020
EXPLANATION
TELEGRAPHIC CODE FOR SURFACE VISIBILITY
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...Sunday...9th...September...1923. No. 252.

Observations at 0100 G.M.T.....9th.....

STATIONS.	Height above M.S.L. in Feet.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1006.6	0	SW	7	or	55	92	6	4000	Nb	10	-	10
Stornoway	81	1008.2	-2	SW	5	PR	•	•	5	•	•	•	•	•
Wick	81	1009.2	-1	SW	3	b-	54	92	8	5700	Cu	2	-	2
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1014.6	-3	S	5	c	57	92	8	5700	StCu	8	-	8
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1015.9	-2	SW	4	b-	56	85	8	-	-	0	ASt	2
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1019.9	-2	-	0	b-	54	85	7	-	-	0	-	0
Blacksod Point ...	10	1015.8	-9	S	8	obr	57	97	3	•	•	10	-	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1021.4	-1	SSW	4	b+	55	92	8	2500	StCu	3	-	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1022.4	-2	S'W	3	b	52	92	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1023.2	-2	SSW	3	b	48	97	7	-	-	0	-	0
Gorleston	13	1024.6	-1	SW	2	b	53	85	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1020.3	-2	SE	1	0	56	92	8	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1022.5	-2	SW	2	b	56	75	8	-	-	0	-	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1024.7	-3	-	0	b	46	97	8	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Crain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1023.8	-3	SSE	3	b	51	92	8	-	-	0	-	0
Scilly (St. Mary's) ...	131	1024.0	-2	SE'S	2	C+	57	92	7	4000	StCu	7	-	7
Falmouth (Pendennis)	200	1023.8	-3	N	2	b	50	92	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1024.6	-4	NNE	2	b	59	85	7	-	-	0	-	0
Southampton (Ua.shot)	12	1025.4	-1	E'N	1	b	54	97	7	-	-	0	-	0
Dungeness	21	1024.6	-2	E	3	b	58	85	7	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1023.8	-2	ESE	2	ffb	58	97	2	-	-	0	-	0

Observations at 0700 G.M.T.....9th.....

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea
Lerwick	1003.8	-3	SW	4	od	56	85	6	4000	Nb	10	-	10	5.6
Stornoway	1001.5	-6	NSW	7	c	57	75	7	2500	CuNb	7	CiC	7	5.5
Wick	1003.6	-6	SSW	5	bc	53	97	8	5700	StCu	4	-	10	5.0
Castlebay	1007.3	-1	WSW	5	o	55	85	7	1500	Nb	10	-	6	5.0
Nairn	1005.0	•	W	5	bc-	59	75	8	4000	Cu	6	CiC	6	•
Aberdeen	1009.7	-4	SSW	3	bc+	57	85	8	-	-	0		0	•
Malin Head	1011.0	-2	SSW	6	odg	57	97	7	4000	St	7	ASt	9	12
Renfrew	1012.9	-2	SW	4	o-	58	85	8	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1012.9	-2	SW	5	o-	57	85	8	•	StCu	9	-	9	3.5
Leuchars	1011.4	-3	SW	6	bc	58	75	7	2500	StCu	4	-	4	•
Eskdalemuir	1016.2	-2	S'W	4	o	52	97	6	1500	St	10	-	10	1.1
Tynemouth	1017.1	-2	SW	1	b	52	92	6	-	-	0		0	•
Blacksod Point ...	1013.6	+1	W'S	6	obr	55	97	6	•	•	10	-	10	12
Donaghadee	1016.5	-1	SW	2	c	54	92	8	1500	St	8	-	8	•
Birr Castle	1017.6	•	SW	1	o+	53	92	6	2500	Cu	9	-	9	•
Holyhead	1018.6	0	S'W	4	bc	56	92	8	2500	Cu	6	CiCu	6	2.5
Liverpool (Bidston) ...	1018.8	-2	S'E	2	b	50	85	8	-	-	0	ACu	0	•
Chester (Shotwick) ...	1019.2	-2	SE	3	bc	48	65	8	-	-	0		0	2
Spurn Head	1019.7	-1	SSW	4	b	34	85	6	-	-	0	-	0	•
Birmingham (Edgbaston)	1021.3	0	S	3	b	48	92	6	-	-	0	-	0	•
Nottingham	1020.4	-2	SW	2	b	48	97	5	-	-	0	-	0	•
Cranwell	1021.3	-2	SSW	3	b	51	97	7	-	-	0	-	0	•
Gorleston	1022.4	-2	SW'S	1	b	52	92	6	-	-	0		0	1
Valencia (Cahirciveen)	1018.3	-2	S	3	odg	56	97	6	450	St	10	-	10	0.3
Roches Point	1019.2	-1	SW	2	o	55	85	8	4000	St	10	-	10	•
Pembroke (St. Ann's H.)	1020.8	-2	SSW	2	b	55	85	7	4000	Cu	3	-	0	•
Ross-on-Wye	1021.7	-1	SW	1	ffo	50	97	7	220	St	10	-	0	•
Benson...	1022.0	-1	-	0	b	44	97	7	-		0		0	•
Andover	1022.1	-1	-	0	o/f	44	97	4	4000	StCu	10	-	10	•
S. Farnborough ...	1022.5	-1	-	0	mnbc	37	97	4	450	St	1	ACu	6	•
London (Kew Obsy.) ...	1022.5	-1	-	0	nb-	45	97	4	-	-	0	-	0	•
Croydon	1022.3	-2	-	0	b	50	97	6	-	-	0	-	0	•
Clacton-on-Sea ...	1022.6	-1	SSW	3	b	57	85	6	-	-	0	-	0	•
Shoeburyness	1021.6	0	-	0	b/f	49	92	5	-	-	0	-	0	•
Crain	1022.4	-1	-	0	b	52	97	5	-	-	0	-	0	•
Lympne	1022.5	-1	SSE	2	bc	57	97	7	4000	Cu	3	ACu	4	•
Scilly (St. Mary's) ...	1021.2	-1	SSW	1	o	56	92	7	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1020.8	0	-	0	o	53	97	6	2500	StCu	10	-	10	0
Plymouth (Cattewater)	1021.5	-1	-	0	3	51	85	7	-	-	0	-	0	0
Portland Bill	1021.2	-2	NNE	2	bc+	60	92	7	-	-	0	ACu	4	0
Southampton (Ua.shot)	1022.1	-1	NNW	2	o	50	97	4	4000	StCu	10	-	10	•
Dungeness	1022.3	-2	S	2	C+	59	92	7	1200	StCu	8	CiCu	8	0
Jersey	1021.3	0	E	2	bc	61	85	8	4000	StCu	3	ACu	3	0
Guernsey	1021.3	0	SSE	2	mnbc	59	97	7	-	-	0			

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 7h.-8h. °F.	Temperature. Max. Day. 8h. °F.	Rainfall.† Night 17h.-9h. 7h.-8h. mm.	Rainfall.† Day 9h.-17h. 8h. mm.	Sunshine. Sunrise to 17h. 8h. hr.	Sunshine. Sunrise to Sunset. 7h. hr.
Montrose	bv	bbco	41	56	-	-	2.1	11.2
Berwick-on-Tweed	bbcbc	ccoc	41	58	-	-	3.3	0.1
Llandudno	b	b	43	64	-	-	9.4	6.2
Colwyn Bay ...	bc	bc	45	66	-	-	10.0	6.2
Rhyl...	bc	b	41	65	-	-	9.7	5.6
Southport	wbbc	bcb	44	59	-	-	9.2	8.1
Blackpool	cbc	bc	42	62	-	-	8.2	8.0
Ilkley	bcb	bb	40	63	-	-	9.9	7.6
Harrogate	b	b	41	62	-	-	9.0	8.0
Skegness	wb	bbbc	42	65	-	-	9.7	4.2
Aberystwyth ...	cbb	b	42	61	-	-	10.5	5.0
Bath	b	b	40	69	-	-	9.8	5.7
Leamington Spa ...	bmb	b	38	66	-	-	9.2	5.7
Lowestoft	b	b	44	63	-	-	10.6	1.3
Felixstowe	bzb	b	44	61	-	-	10.5	2.5
Southend	b	b	46	67	-	-	10.6	1.2
Dover.	bbcb	bbcb	51	65	-	-	10.6	4.2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 7h.-8h. °F.	Temperature. Max. Day. 8h. °F.	Rainfall.† Night 17h.-9h. 7h.-8h. mm.	Rainfall.† Day 9h.-17h. 8h. mm.	Sunshine. Sunrise to 17h. 8h. hr.	Sunshine. Sunrise to Sunset. 7h. hr.
Ilfracombe	b	b	48	64	-	-	11.0	2.7
Bude	wbb	bb	38	64	-	-	10.8	3.1
Penzance								
Paignton	bm	bbm	45	62	-	-	11.0	6.5
Torquay	b	b	47	65	-	-	10.7	6.5
Weymouth	b	b	48	67	-	-	10.5	7.1
Bournemouth ...	b	b	44	66	-	-	10.5	6.0
Portsmouth (S'thsea)	b	b	48	65	-	-	10.7	6.9
Littlehampton ...	bc	bc	47	66	-	-	10.5	5.6
Worthing	b	b	47	66	-	-	10.7	4.1
Brighton	b	b	49	65	-	-	10.6	2.5
Eastbourne	b	b	49	64	-	-	10.7	1.2
Hastings	b	b	48	64	-	-	10.6	0.9
Folkestone	b	b	50	64	-	-	9.5	2.2
Tunbridge Wells ...	b	b	42	68	-	-	10.4	1.3
Ramsgate	b	b	51	?	3	-	10.8	4.1
Margate	b	b	54	66	0.3	-	10.9	4.6
Deal	bb	bb	46	66	-	-	10.5	4.0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22572 MONDAY, 10th SEPTEMBER 1923.

Observations at 1800 G.M.T. 9

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	998·6	-3	WSW	8	bc	57	65	6	5700	StCu	3	CiSt	4	•
Stornoway	1005·6	+6	W	7	bcp6	53	75	7	2500	CuNb	5	-	5	•
Wick	1003·1	0	SW	7	c/r	58	75	8	4000	Cu	7	-	7	•
Jastlebay	1011·2	+3	WSW	5	bc	53	85	8	2500	Cu	6	-	6	•
Nairn	*	*	*	*	*	*	*							•
Aberdeen	1008·4	-1	SW	5	or$_0$	61	92	7	2500	CuNb	9	-	9	1
Malin Head	1014·0	+2	W	5	o	56	85	7	4000	CuNb	3	aCu	9	•
Renfrew	1013·4	+1	W	5	o/r	55	85	8	1500	StCu	10	-	10	1
Edinburgh (Inchkeith)	1010·8	+2	WSW	5	o/p	57	85	8	-	StCu	10	-	10	•
Leuchars	1010·1	-1	WSW	7	o	61	75	7	2500	StCu	10	-	10	o
Eskdalemuir	1014·5	-2	SW'S	6	od-	53	97	4	4150	Nb	10	-	10	o
Tynemouth	1014·5	-2	SW	3	bc+	64	75	7	4000	Cu	5	-	5	•
Blacksod Point	1016·5	+2	W	4	C-N	58	85	9	*	*	*	*	7	•
Donaghadee	1016·3	0	SW	3	od$_0$	60	85	8	1500	St	10	-	10	•
Birr Castle	1016·5	*	SSW	2	o	61	85	7	2500	Cu	9	-	9	•
Holyhead	1016·9	-3	SSW	4	bc	61	85	8	5700	StCu	5	-	5	o
Liverpool (Bidston)	1017·3	-2	SW	2	b	64	65	7	4000	Cu	1	-	1	•
Chester (Shotwick)	1017·6	-3	SW	4	b	67	55	8	4000	Cu	1	-	1	o
Spurn Head	1017·4	-3	SW	4	b	67	65	7	-	-	o	-	o	•
Birmingham (Edgbaston)	1018·8	-3	S	4	b	66	65	7	4000	Cu	2	-	2	o
Nottingham	1017·9	-3	SW	4	b	68	55	7	2500	Cu	1	-	1	•
Cranwell	1018·9	-1	SW	4	b	68	75	7	5700	Cu	2	-	2	o
Gorleston	1020·3	-2	SSE	4	b	64	75	6	4000	Cu	2	-	2	•
Valencia (Cahirciveen)	1018·1	0	S'E	3	od$_0$+	59	92	6	225	St	10	-	10	1
Roches Point	1013·5	-1	SW	2	o	56	92	8	2500	St	10	-	10	•
Pembroke (St. Ann's H.)	1019·6	-1	SW	3	bc	60	75	7	2500	St	5	-	5	•
Ross-on-Wye	1018·8	-2	SW	2	b-	66	65	6	4000	Cu	1	-	1	o
Hereson	1020·0	-3	SW	3	bc	70	65	7	-	StCu	5	-	5	o
Andover	1019·3	-2	SSW	4	c-	73	55	8	4000	Cu	7	-	7	o
S. Farnborough	1019·6	-3	SW	4	c/f	73	55	7	4000	Cu	7	-	7	o
London (Kew Obsy.)	1019·5	-4	SW	2	bc	69	65	8	2500	Cu	4	-	4	o
Croydon	1019·8	-3	SW'S	3	bc	71	55	8	4000	Cu	6	-	6	o
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1019·6	-2	SE	1	c+	71	65	6	5700	Cu	6	CiSt	8	*
Grain	1019·8	-3	SSW	3	c+	70	55	8	5700	StCu	7	-	7	o
Lympne	1020·3	-3	S	3	b	68	65	7	4000	Cu	2	-	2	o
Scilly (St. Mary's)	1020·6	0	-	0	c-	62	75	7	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1019·8	-2	-	0	c-	62	75	7	4000	StCu	7	-	7	•
Plymouth (Cattewater)	1020·0	0	SSW	3	b	65	75	7	4000	Cu	1	-	1	o
Portland Bill	1020·6	0	NNE	2	b-	65	85	7	-	-	o	-	o	•
Southampton (Calshot)	1020·1	-3	SSE	2	bc	67	75	8	4000	StCu	6	-	6	o
Dungeness	1021·1	-2	S	2	b	67	85	6	-	-	o	-	o	•
Jersey	1019·3	-1	E	2	b	69	75	8	-	-	o	-	o	•
Guernsey	1020·4	-2	SSW	2	b	69	65	8	5700	Cu	1	-	1	*

Observations at 1800 G.M.T. 9

STATIONS.	Barom. at M.S.L. m.b	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	1010	+8	W	8	odo	49	75	6	4000	Cu	9	-	9	7
Stornoway	1009·3	+5	W	5	bcp6	53	85	7	2500	CuNb	5	-	5	4
Wick	1008·1	+7	WNW	3	bcjp	53	85	8	2500	CuNb	6	-	6	3
Jastlebay	1012·7	+2	W	5	bc	54	85	8	2500	CuNb	4	-	4	5
Nairn	1010·6	*	W	32	bc	54	75	8	~~5100~~ 1500	St	6	-	~~7~~ 7	•
Aberdeen	1010·9	+4	W	3	b-	57	75	8	2500	Cu	1	aCu	3	o
Malin Head	1015·8	+2	W'N	4	b	55	85	8	5700	Cu	2	CiCu	3	4
Renfrew	1014·7	+2	SSW	2	bc/r	55	75	8	4000	StCu	3	aCu	7	•
Edinburgh (Inchkeith)	1012·2	+2	SW	5	bc-	56	75	8	-	Cu	3	aSt	6	3
Leuchars	1012·3	+3	WSW	5	bc	57	65	8	-	-	o	aCu	4	•
Eskdalemuir	1015·4	+1	W'S	3	o	52	75	7	2500	StCu	9	-	9	•
Tynemouth	1015·1	+1	W	2	c	61	85	7	4000	Cu	8	-	8	1
Blacksod Point	1017·7	+2	NW	4	Cv	56	85	9	*	*	*	*	7	1
Donaghadee	1016·3	0	W	2	op$_0$	57	85	8	1500	St	10	-	10	2
Birr Castle	1017·4	*	W	1	o+	56	92	7	2500	Nb	10	-	10	•
Holyhead	1017·6	-1	S'W	3	c	57	92	7	4000	StCu	8	-	8	3
Liverpool (Bidston)	1016·8	0	W	3	c+	59	85	8	4000	StCu	8	-	8	3
Chester (Shotwick)	1017·0	0	W	3	o+	61	85	7	2500	St	6	aCu	9	•
Spurn Head	1016·5	0	SW'W	2	b	63	75	7	-	-	o	-	o	1
Birmingham (Edgbaston)	1017·0	-1	S	2	b	64	65	7	-	-	o	-	o	•
Nottingham	1016·7	-1	SW	2	b	65	65	7	-	-	o	-	o	•
Cranwell	1017·4	-1	SW	2	b	65	85	7	-	-	o	-	o	•
Gorleston	1018·0	-2	SSW	2	bc+	63	85	6	-	-	o	aSt	4	o
Valencia (Cahirciveen)	1018·4	0	NE	3	o/r	56	92	8	800	St	10	-	10	1
Roches Point	1018·0	0	SW	1	o	57	92	8	4000	StCu	10	-	10	o
Pembroke (St. Ann's H.)	1018·6	0	WSW	3	bc+	57	75	7	4000	StCu	6	-	6	2
Ross-on-Wye	1018·5	-2	SW	2	b	66	65	8	-	-	o	-	o	•
Hereson	1018·0	-1	SW	1	bc	68	75	8	-	StCu	4	-	4	•
Andover	1017·9	-2	SSW	3	b-	65	75	8	4000	Cu	2	-	2	•
S. Farnborough	1017·9	-1	SW	2	b-	66	75	8	-	-	o	aCu	3	•
London (Kew Obsy.)	1017·6	-1	SW	2	b	68	65	8	2500	Cu	1	aCu	2	•
Croydon	1018·2	-1	SW'S	2	b-	66	75	8	4000	Cu	1	-	1	•
Clacton-on-Sea	1018·0	-2	SSE	2	bc	64	85	6	4000	Cu	5	-	5	0
Shoeburyness	1017·5	-1	SSW	1	b-	66	65	6	-	-	o	CiSt	3	•
Grain	1018·3	-2	SSW	2	b-	66	65	8	5700	Cu	1	-	1	•
Lympne	1018·9	0	SSW	2	b	61	85	7	-	-	o	-	o	•
Scilly (St. Mary's)	1019·2	-1	-	0	o	58	85	7	4000	StCu	9	-	9	1
Falmouth (Pendennis)	1018·5	-1	-	0	c-	60	85	8	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1018·6	0	-	0	o	60	85	7	1500	St	10	-	10	0
Portland Bill	1018·7	-2	-	0	b-	62	85	7	-	-	o	-	o	0
Southampton (Calshot)	1018·5	-1	SW	1	b	66	75	7	-	-	o	-	o	0
Dungeness	1018·8	-4	-	0	b	63	92	6	-	-	o	-	o	2
Jersey	1018·1	-1	E	2	b	70	65	8	-	-	o	-	o	0
Guernsey	1018·9	-2	-	0	b	64	75	8	-	-	o	-	o	0

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 3h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 10								YESTERDAY.	TO-DAY.	
Kew (24 hours ended 0700)	18	bmwbc	bcbbbbwom		*	*	44	-	-	9·0	*	*
Croydon (24 hours ended 0700)	244	bcmy	cby	bcow	*	*	46	-	-	10·6	*	*
Greenwich (Royal Obsy.)	149	bc	cb	bcom	76	53	43	-	-	9·5	52	79
City (Bunhill Row)	80	*	*	*	*	*	*	-	*	7·4	*	*
Westminster (St. James' Pk.)	27	*	*	*	73	55	50	-	-	8·2	53	80
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*		*	*
Camden Square	110	mc	c	*	76	56	50	-	-	*	*	78
Kensington Palace	80	b	b	*	75	55	46	-	-	*	(4)(16h)	77
Hampstead Observatory	450	*	*	*	71	54	45	-	-	8·5	*	79

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 9

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

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9 h. 12 m. 30 s. to 10 h. 04 m. 30 s.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9·00	05·35	62
δ Ursæ Minoris	9·00	03·53	43

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.‡

Time.	Type.	No. per min.	Stren.	Direc.
12h.	-	-	-	-
12h.	-	-	-	-
8h.	-	-	-	-
8h.	-	-	-	-

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

10 & 11th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·19	11·50	6·21
	5·22	11·50	6·18
Greenwich	5·28	11·57	6·26
	5·30	11·57	6·24
Wick	5·32	12·9	6·46
	5·35	12·9	6·43
Valencia	6·8	12·38	7·8
	6·10	12·38	7·6

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r$_0$r$_0$ = continuous light rain.

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

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

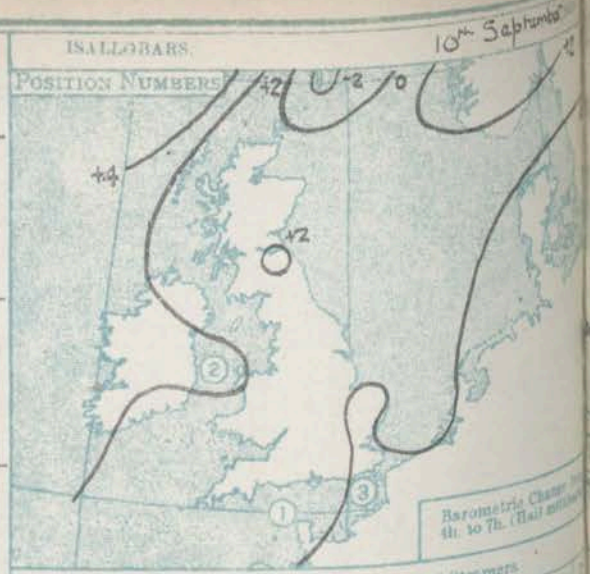
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9°	WEATHER. 13h.-18h. 9°	WEATHER. 18h. 9° to 1h. 10°	WEATHER. 1h.-7h. 10	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN 9° Hours.
Lerwick	bcq	cdq	omd	cpr	58	47	•	0·4	0·3	1430	<2100	3·3
Stornoway	p	bcp	p	b-bc	58	45	•	1	2	–	–	9·4
Wick	cprr	c	opr.	op.	60	44	•	0·2	1	0900	2400	•
Castlebay	o.c	c	bcopb	bcc	57	50	•	0·1	0·6	–	–	8·6
Nairn	gPRbc	bcqgc	cbc	bc	64	46	•	2	–	0900	–	7·2
Aberdeen	bc.cq	pc.bc	bbw	bw	65	45	32	0·1	–	1230	–	7·1
Malin Head	idc.o	c.o.bcv	bcv	bcp.	58	50	•	1	Trace	<0800	0430	3·2
Renfrew	o d.	opc	bcb	bcp.	59	47	40	0·1	Trace	1100	0530	1·1
Edinburgh (Inchkeith)	p	c	b-bc	p	60	49	46	Trace	Trace	–	0430	4·8
Leuchars	bc.c.oq	opr.c.bcq	bcbo	obcw	62	44	28	0·2	–	1330	–	6·2
Eskdalemuir	oddm	odm.o	ocbc	cop	54	42	36	3	0·2	1100	–	0·0
Tynemouth	b or bc	c	oo	cm	65	49	45	–	–	–	–	•
Blacksod Point ...	r-d	b-bc	oo	b-bc	60	45	•	0·4	–	–	–	•
Donaghadee	omd	op	bc	bc	61	45	•	1	0·2	1330	<2100	•
Birr Castle	co	oir.	opr	ffo	62	43	35	1	2	1530	<2100	0·0
Holyhead	bc.o.bc	bc.c	do	bc	61	54	52	–	–	–	–	8·4
Liverpool (Bidston) ...	b or bc	bc.o		co	64	50	45	–	–	–	–	8·4
Chester (Shotwick) ...	bc.b	b.bc.o	oo	oo	69	51	42	–	–	–	–	10·8
Spurn Head	b	b	bb	bbcco	68	55	•	–	–	–	–	11·0
Birmingham (Edgbaston)	b	b	bm	bbcfw	69	49	36	–	–	–	–	10·5
Nottingham	b or bc	b or bc	bm	f-k	69	47	43	–	–	–	–	10·3
Cranwell	b or bc	b or bc	b-bc	m	69	47	39	–	–	–	–	11·1
Gorleston	b or bc	bc	b-bc	bmw	67	50	47	–	–	–	–	10·6
Valencia (Cahirciveen)	odd.	od	bc	ocbw	59	50	43	1	–	<0800	–	0·0
Roches Point	oo	oo	oc	oc	58	50	–	–	–	–	–	•
Pembroke (St. Ann's H.)	c.o.bc	b or bc	oo	ouidf	60	53	•	–	0·2	–	0330	7·0
Ross-on-Wye	cm.b.bc	byz.b	bwbcb	bwmsw	68	48	42	–	–	–	–	9·2
Benson	b.bc	bc	bcb	bbcco	72	48	39	–	–	–	–	•
Andover	cm.b.bc	cybcy	bbm	bmofm	73	48	42	–	–	–	–	9·6
S. Farnborough ...	cm.cy	o.c.bc.b	bmw	comm	75	45	41	–	Trace	–	–	9·3
London (Kew Obsy.) ...	bmwbcm	c/bc.b.b	bbw	bwomw	72	54	44	–	–	–	–	9·0
Croydon	bcmy	c.by	bc	comm	73	52	46	–	–	–	–	10·6
Clacton-on-Sea ...	b.bcz	bcz	bczwm	bcm	65	54	48	–	–	–	–	11·1
Shoeburyness	c	c	bcc	om	75	52	41	–	–	–	–	10·9
Grain	bmb	oy.b	bb	bwom	73	49	43	–	0·1	–	–	8·7
Lympne	bcbm	b	b	bw	70	52	37	–	Trace	–	–	11·3
Scilly (St. Mary's) ...	o.c	c.o.	oc	c	64	52	•	–	–	–	–	3·4
Falmouth (Pendennis)	c.o.c	c.bc.c	cbcb	bbc	63	54	•	–	–	–	–	2·8
Plymouth (Cattewater)	b	b.bc.co	obo	b-bc	66	53	•	–	–	–	–	8·4
Portland Bill	b or bc	b or bc	b-bc	c	66	58	•	–	–	–	–	•
Southampton (Calshot)	c	bc.b	bwbw	omFc	72	53	51	–	Trace	–	–	9·3
Dungeness	b or bc	b or bc	bffb	F	67	47	•	–	–	–	–	•
Jersey	b	c	bw	bw	73	54	•	–	–	–	–	10·0
Guernsey	b.bcbm	bz	bF	Fw	70	55	•	–	–	–	–	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2.	9th 1000	"Cambria"	SSW	5	bc	58	55
3	10th 0100	"Dieppe"	–	0	bc	62	61

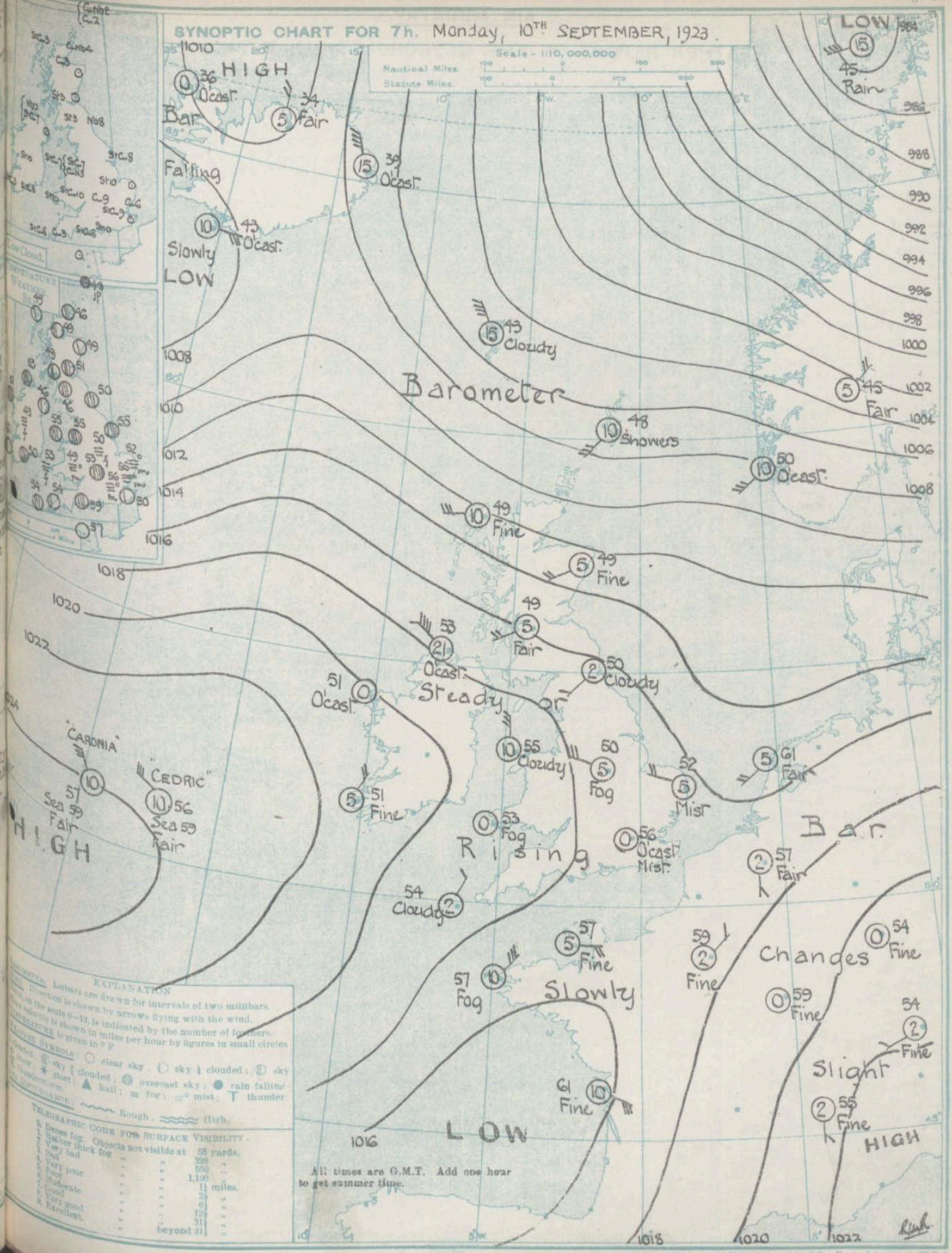
GENERAL INFERENCE.

A ridge of high pressure extends from north of the Azores across England to Central Europe. Depressions passing to the north of Scotland will cause occasional unsettled periods during the next day or two in the extreme North but over most of England and Ireland fair, quiet weather is probable with morning mist.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 10th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light winds, mainly from N. and N.W; fair; morning mist; rather warm during the day.	Unsettled in the North, mainly fair in the South.
4. W. Midlands 5. S.W. England 6. South Wales	Light winds, mainly from N. and N.W.; fair; morning mist; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light winds from W. and N.W.; fair; morning mist; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind between W. and N.W., backing to S.W., light to moderate, freshening; mainly fair at first but some rain or drizzle later; visibility moderate or good; cool.	
19. S.E. Ireland 20. S.W. Ireland	As 4 to 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 08.00 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday 10th September 1923. No. 253.

Observations at 0100 G.M.T. 10

Stations	Height above M.S.L. in feet	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	34	1007.6	0	W	3	od	50	85	6	4000	Nb	9	–	9
Stornoway	51	1011.5	+1	W	3	PR	•	•	5	•	•	•	•	•
Wick	81	1010.3	0	WSW	2	bcp	48	97	8	2500	CuN	6	–	6
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1017.0	0	W	5	b	53	85	8	5700	Cu	3	–	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1014.9	+2	WSW	3	b	50	85	8	–	–	0	–	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1017.3	0	W	1	c-	52	85	7	–	–	0	ASt	7
Blacksod Point	10	1019.5	+1	SW	3	⊕	51	92	3	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1018.1	+1	–	0	0	55	97	8	2500	StCu	10	–	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	18	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1017.2	0	WNW	3	b	55	92	7	–	–	0	–	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1018.4	0	–	0	b	47	97	6	–	–	0	–	0
Gorleston	13	1018.1	0	W	2	b	57	85	6	–	–	0	ASt	2
Valencia (Cahirciveen)	30	1019.8	+2	–	0	b-	55	92	8	–	Cu	2	–	2
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1018.7	0	NW	1	od	54	92	8	1500	St	10	–	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230		•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18		•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1018.6	0	–	0	c+	55	97	7	4000	StCu	7	–	7
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1018.2	0	–	0	b	52	97	7	–	–	0	–	0
Scilly (St. Mary's)	131	1019.2	0	NE	1	bc-	54	85	7	4000	StCu	4	–	4
Falmouth (Pendennis)	200	1019.1	0	N	1	b	54	85	8	–	–	0	–	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1018.1	0	W	1	fo-	58	92	3	450	St	10	–	10
Southampton (Calshot)	12	1018.6	-1	–	0	mo	57	97	4	450	St	10	–	10
Dungeness	21	1018.6	0	–	0	ffb	55	97	3	–	–	0	–	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1019.1	-1	NNW	2	ffb	56	97	0	–	–	0	–	0

Observations at 0700 G.M.T. 10

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Heights Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	1006.9	-2	SW	3	bcjp	48	85	6	4000	CuNb	4	–	4
Stornoway	1012.2	+1	W	3	b	49	75	7	4000	StCu	3	–	3
Wick	1010.0	+1	W	2	bc/r	46	92	8	2500	CuNb	4	ACu	6
Castlebay	1015.9	+1	WNW	5	bc	53	55	8	2500	CuNb	6	ACu	5
Nairn	1013.1	•	W	2	bc-	49	75	8	4000	Cu	3	Cu	1
Aberdeen	1013.7	+1	WSW	2	b	49	85	8	–	–	0		0
Malin Head	1017.6	0	NW	5	ov	53	85	9	5700	StCu	9	ACu	9
Renfrew	1016.5	+1	WSW	2	bc-	49	92	6	4000	St	3	CuSt	5
Edinburgh (Inchkeith)	1015.9	+2	SW	3	c+	51	85	7	–	–	0	Cu	3
Leuchars	1014.5	+1	WSW	2	bc	49	85	8	–	–	0	ACu	7
Eskdalemuir	1017.4	0	SSW	3	c/r	46	92	6	1500	St	3		8
Tynemouth	1017.1	0	SW	1	c-	50	92	6	1500	Nb	8	–	8
Blacksod Point	1020.5	+2	–	0	ov	51	92	9	•	•	•		9
Donaghadee	1018.2	0	WSW	3	b-	46	97	8	–	–	0	ACu	2
Birr Castle	1020.8	•	–	0	fo-	43	97	1	<150	St	10	–	10
Holyhead	1018.9	+2	N	3	c	55	92	8	7200	StCu	7	–	7
Liverpool (Bidston)	1018.2	0	WNW	1	0+	55	85	7	1500	StCu	10	–	10
Chester (Shotwick)	1018.0	0	W	2	0	55	92	7	2500	StCu	10		10
Spurn Head	1017.7	+1	WNW	2	0	55	85	8	7200	StCu	8	ASt	10
Birmingham (Edgbaston)	1018.6	+1	W	2	fc-	53	92	3	–	–	0	ACu	7
Nottingham	1017.8	+1	WNW	2	fo-	50	97	2	800	St	10	–	10
Cranwell	1018.4	0	–	0	fmc-	50	97	4	2500	StCu	5	ASt	8
Gorleston	1017.2	0	WNW	2	mmb	52	92	5	–	–	0	–	0
Valencia (Cahirciveen)	1021.4	+2	NNE	2	bv	51	85	9	1500	StCu	3	–	3
Roches Point	1020.2	+1	NW	1	c-	50	92	8	4000	StCu	8	–	8
Pembroke (St. Ann's H.)	1018.8	0	–	0	ifo	53	97	3	<150	St	10	–	10
Ross-on-Wye	1018.6	0	–	0	mo-	49	97	4	4000	StCu	10	–	10
Benson	1017.5	+1	–	0	0+	53	97	6	–	Cu	9		9
Andover	1017.9	0	–	0	o/f	52	97	6	4000	StCu	10	–	10
S. Farnborough	1017.5	-1	–	0	mmo	55	97	5	5700	StCu	9	–	9
London (Kew Obsy.)	1017.7	+1	–	0	mo-	56	97	6	2500	StCu	9	–	9
Croydon	1017.8	0	–	0	o	56	97	5	4000	StCu	10	–	10
Clacton-on-Sea	1017.3	0	WNW	2	mbc-	55	97	4	2500	Cu	6	–	6
Shoeburyness	1017.4	-1	–	0	mmo	59	85	4	4000	StCu	10	–	10
Grain	1017.5	0	–	0	mmo	57	92	5	1500	StCu	10	–	10
Lympne	1017.3	0	N	2	b	56	97	7	–	–	0	ACu	2
Scilly (St. Mary's)	1019.3	0	NNE	1	c+	54	85	8	4000	StCu	8	–	8
Falmouth (Pendennis)	1018.6	0	NNE	1	b	54	85	7	4000	Cu	3	–	3
Plymouth (Cattewater)	1018.1	+1	–	0	o-	55	85	7	2500	StCu	9	–	9
Portland Bill	1018.1	0	–	0	c-	59	92	6	2500	StCu	8	–	8
Southampton (Calshot)	1017.7	0	–	0	fo-	53	97	1	225	St	10	–	10
Dungeness	1017.4	-1	N	2	b/f	50	97	6	–	–	0	–	0
Jersey	1016.9	0	E	2	b	57	97	6	–	–	10	–	10
Guernsey	1017.7	+1	NW	2	fo-	56	97	2	<150	St			

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 8–9 °F.	Temperature. Max. Day. 9 °F.	Rainfall.† Night 17h.–9h. 8–9 mm.	Rainfall.† Day 9h.–17h. 9 mm.	Sunshine. Sunrise to 17h. 9 hr.	Sunshine. Sunrise to Sunset. 8 hr.
Montrose	cmp	c.bc	53	63	–	0.2	6.8	2.1
Berwick-on-Tweed	o.c.bc	bc.c.ov	54	63	–	0.2	6.3	3.3
Llandudno	b.bc	bc.o	47	65	–	–	7.7	10.6
Colwyn Bay	bc	bc	52	66	–	–	8.5	11.3
Rhyl	bc.c	b.bc.c	46	65	–	–	8.8	10.8
Southport	mbc.co	o.c.o	42	63	–	–	3.8	10.5
Blackpool	bc	o.c	43	61	–	–	2.3	8.8
Ilkley	bc.b.bc	b	42	67	–	–	8.7	10.2
Harrogate	bc.b	b	45	66	–	–	9.8	9.0
Skegness	mb	b	49	74	–	–	10.6	9.9
Aberystwyth	c.b	b	49	62	–	–	9.0	11.7
Bath	mb.bc.c	bc.b	48	71	–	–	7.7	10.4
Leamington Spa	bm	b	41	69	–	–	9.3	9.2
Lowestoft	b	b	50	65	–	–	11.0	10.7
Felixstowe	bz	b	53	65	–	–	11.0	11.2
Southend	b.bc	bc	50	73	–	–	8.0	11.3
Dover	bz.b	b	47	67	–	–	10.5	11.4
Ilfracombe	o.c.bc	b	52	65	–	–	7.0	11.7
Bude	w.bcpc	bc.b.bc	42	64	–	–	7.8	11.8
Paignton	bcm	bm	51	65	–	–	9.2	11.9
Torquay	b	b	50	68	–	–	8.6	11.5
Weymouth	b	b	48	70	–	–	9.7	11.4
Bournemouth	b	b	44	70	–	–	8.5	11.6
Portsmouth (S'thsea)	c.bc.b	b	50	71	–	–	7.6	11.5
Littlehampton	bc	bc	50	66	–	–	7.8	12.1
Worthing	bc.b	b	48	70	–	–	8.5	11.1
Brighton	b	b	50	67	–	–	8.3	11.7
Eastbourne	bc	b	50	67	–	–	10.8	11.7
Hastings	b	b	54	67	–	–	10.6	10.1
Folkestone	b	b	49	68	–	–	7.6	11.1
Tunbridge Wells	b	b	45	78	–	–	9.9	11.6
Ramsgate	b	b	54	?	–	–	10.5	11.5
Margate	b	b	53	73	–	–	10.3	11.3
Deal	c.bc.b	b	48	73	–	–	10.2	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22573 Tuesday 11th September 1923.

Stations. (For heights see p. 4).	Observations at 1800 G.M.T. 10th. Barom. at M.S.L. m.b	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.	Total Amt. 0-10	State of Ground.	Observations at 1800 G.M.T. 10th. Barom. at M.S.L. m.b	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.	Total Amt. 0-10	State of Ground. 0-9
Lerwick	1009.2	+5	NW	3	c/p	51	75	6	4000	Cu	7	-	7	*	1010.8	+3	W	2	bc+	48	75	7	4000	Cu	4	ASt	6	1
Stornoway	1013.9	+2	WNW	3	o/r	53	65	7	800	St.	10	-	10	*	1012.7	-1	W	3	o	52	75	7	800	St	10	-	10	2
Wick	1012.5	+2	WNW	3	c/p	51	85	8	2500	CuNb	6	CiSt	7	*	1012.8	0	WNW	2	cpr.	50	85	8	2500	CuNb	3	ACu	7	0
Castlebay	1016.6	0	WNW	4	o	54	65	8	1500	St.	10	-	10	*	1015.4	-1	W	4	o	52	85	8	1500	St	10	-	10	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.1	*	W	*	c+	51	75	8	4000	Cu	7	-	7	*
Aberdeen	1014.5	0	WNW	5	bc	60	65	8	2500	Cu	5	Ci	6	0	1015.2	0	WNW	3	c	53	75	8	2500	StCu	8	-	8	0
Malin Head	1018.8	+1	W	5	c	56	75	9	5700	St.Cu	4	Ci.Cu	7	*	1017.7	-1	W	5	o	54	85	9	5700	CuNb	2	ACu	9	3
Renfrew	1017.6	-0	W	4	o-	59	55	8	5700	St.Cu	4	Ci.St	10	1	1017.8	0	W	3	o	53	75	7	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1015.8	-1	SW	4	c	55	65	9	*	St.Cu	3	Ci.St	8	*	1015.7	+0	WNW	4	o	53	75	8	-	-	0	ACu	10	2
Leuchars	1015.5	0	WSW	4	o+	58	55	8	4000	St.Cu	3	Ci.St	9	0	1015.6	+1	W	3	o	53	65	8	4000	StCu	1	ASt	10	*
Eskdalemuir	1017.9	0	W	4	o	56	55	8	4000	St.Cu	7	Ci.St	10	0	1016.4	0	W	4	c	51	65	8	4000	StCu	6	ACu	8	*
Tynemouth	1017.5	0	W	3	bc	60	75	7	1500	CuNb	5	-	5	*	1017.7	0	WNW	2	bc	57	75	6	1500	Cu	3	ACu	4	0
Blackrod Point	1021.1	+1	WNW	3	bc	58	75	9	*	St	5	-	5	*	1020.1	-1	WNW	4	b	56	75	9	*	Cu	5	-	5	1
Dunghadoe	1023.5	+1	W	3	c+	57	65	8	1500	Cu	7	-	7	*	1019.3	0	W	2	bc-	57	75	8	1500	StCu	3	ACu	5	3
Tiree Castle	1021.4	*	W	2	c-	60	65	8	4000	StCu	7	-	7	*	1020.5	*	W	1	c	59	75	7	2500 ~~4000~~	StCu	7	-	7	*
Holyhead	1020.9	0	NW	3	b	57	92	9	4000	Cu	2	A.Cu	3	0	1020.3	0	-	0	b	57	92	9	4000	Cu	1	ASt	2	0
Liverpool (Bidston)	1020.1	+1	WNW	2	b-	57	65	9	4000	St.Cu	2	Ci	3	*	1020.5	+0	WNW	1	b	57	65	9	-	-	0	CiSt	3	2
Chester (Shotwick)	1019.8	0	NW'W	4	c-	60	55	9	4800	Cu	1	Ci	7	0	1020.0	0	SW	3	bc-	56	75	8	-	-	0	Ci	5	*
Spurn Head	1018.7	0	W	2	b-	59	75	8	4000	Cu	3	-	3	*	1018.4	0	ESE	3	o	56	85	8	-	-	0	Ci	9	2
Birmingham (Edgbaston)	1019.5	+1	NW	3	o-	58	75	9	2500	St.	10	-	10	0	1019.6	0	WNW	3	bc	58	65	6	-	-	0	Ci	5	*
Nottingham	1018.7	0	NE	1	mo	58	85	4	1500	St.	10	-	10	*	1019.1	+1	NW	2	bc-	58	65	5	2500	StCu	3	Ci	6	*
Cranwell	1019.4	0	-	0	o	59	85	6	2500	St.	10	-	10	0	1019.3	-1	SSW	1	c	56	92	6	2500	St	4	ACu	8	*
Gorleston	1018.5	+1	N'E	4	b+	60	75	7	-	-	0	Ci.Cu	2	*	1019.3	+1	NNE	2	o+	57	75	7	5700	StCu	9	-	9	0
Valentia (Cahirciveen)	1022.3	-2	NW'N	3	b	59	75	9	2500	StCu	3	-	3	0	1022.0	+0	NW'N	4	b	57	75	9	2500	StCu	1	ASt	3	3
Roches Point	1021.0	0	SSE	1	bc-	61	75	8	4000	Cu	4	-	4	*	1021.0	0	S	1	b-	59	85	8	4000	StCu	3	-	3	0
Pembroke (St. Ann's H.)	1019.9	+1	N	2	bc-	61	75	8	4000	Cu	5	-	5	*	1020.0	0	NNE	1	bc	55	75	8	-	-	0	Ci	4	2
Ross-on-Wye	1018.9	0	N	2	o	61	65	7	4000	StCu	9	-	9	0	1019.0	0	-	0	bc-	60	75	7	-	-	0	Ci	4	*
Lenton	1017.9	-1	NNE	1	c	68	65	6	*	Cu	7	-	7	0	1019.7	+2?	NNE	3	bc	60	85	5	*	-	0	Ci	5	*
Andover	1017.8	0	NE	1	c-	67	65	7	4000	Cu	7	-	7	0	1018.2	+1	NE	3	b-	61	75	6	-	-	0	-	0	*
S. Farnborough	1018.0	0	W	2	mmc	68	65	6	4000	Cu	7	-	7	0	1018.4	+2	-	0	om+	61	75	5	2500	Cu	9	-	9	*
London (Kew Obsy.)	1017.9	-1	NNW	1	bc-	68	55	8	4000	Cu	5	-	5	0	1018.5	+2	NNE	3	c	63	65	6	2500	Cu	8	-	8	*
Croydon	1017.4	-1	NW	2	bc-	71	55	7	4000	Cu	4	-	4	0	1017.8	+1	NEN	2	c	65	65	6	4000	Cu	8	-	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	+2	ENE	4	bc-	60	85	6	4000	Cu	5	-	5	1
Shoeburyness	1018.3	+1	SE	1	mmc	66	75	5	4000	St.Cu	8	-	8	*	1019.0	+1	ENE	3	o/m	59	85	7	2500	StCu	10	-	10	*
Grain	1017.8	0	ENE	2	bc-	65	75	7	4000	Cu	5	~~A.Cu~~	5	0	1018.2	+1	ENE	4	c+	60	92	6	5700	StCu	7	-	7	0
Lympne	1017.6	0	SE	3	bc-	69	65	8	4000	Cu	5	-	5	0	1018.3	+2	ENE	2	o	63	75	6	4000	StCu	10	-	10	*
Folly (St. Mary's)	1019.9	0	NE	3	o	59	85	8	4000	StCu	10	-	10	*	1020.0	0	NNE	3	c	58	92	8	4000	StCu	7	-	7	3
Falmouth (Pendennis)	1020.4	+1	NNE	4	bc	61	75	8	5700	Cu	5	-	5	*	1018.8	0	NNE	3	b	61	75	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1018.3	0	NNW	3	b+	66	65	8	4000	Cu	1	-	1	0	1018.6	+2	-	0	b-	60	85	7	4000	St	1	-	1	0
Portland Bill	1017.8	0	W	1	b.	65	65	6	-	-	0	-	0	*	1017.6	-2	W	1	b	62	75	6	-	-	0	-	0	0
Southampton (Calshot)	1018.2	-1	NNW	2	c/f	66	75	7	4000	St.Cu	7	-	7	0	1018.2	+1	SW'W	2	b	64	85	6	4000	Cu	1	-	1	0
Dungeness	1017.8	0	S	2	b+	67	85	7	4000	Cu	3	-	3	*	1017.9	0	NE	3	bc	63	85	7	2500	StCu	6	-	6	3
Jersey	1016.8	0	NNW	2	b	66	65	7	-	-	0	-	0	*	1017.5	0	NW	2	b	65	85	7	-	-	0	-	0	0
Guernsey	1018.1	0	NNE	3	mo-	58	97	4	1500	St.	10	-	10	*	1018.3	-0	NE	1	bmm	59	92	6	-	-	0	-	0	0

London Observations.

	Height above M.S.L. in Feet	Weather Morning.	Weather Afternoon.	Weather Night.	Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. Yesterday.	Humidity 15h. G.M.T. % Yesterday.	Humidity 9h. G.M.T. % To-day.
	24 hours ended 0700	24 hours ended 0900 G.M.T.										
Kew	18	omrbcc	bccz	czom	*	*	49	-	-	6.3	*	*
Croydon	244	pomyz	bccz	cbma	*	*	45	-	-	7.5	*	*
Greenwich (Royal Obsy.)	149	oc	co	o	72	54	49	-	-	3.9	58	83
City (Bunhill Row)	80	*	*	*	*	*	*	-	-	3.6	*	*
Westminster (St. James' Pk.)	27	*	*	*	72	57	53	-	-	3.5	55	81
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	-	-	4.7	*	*
Camden Square	110	c	bcco	*	72	56	50	-	-	*	*	83
Kensington Palace	80	cbc	c	*	71	55	50	-	-	*	67 (15h.)	81
Hampstead Observatory	450	*	*	*	70	54	48	-	-	7.3	*	86

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.3	1500 9th	0.3	1-4h. 10th
1.0	0900 10th		

Kew Observatory Max.	Time.	Min.	Time.
0.4	0400 10th	0.3	17h.
0.5	1000 10th		9th.

Pole Star Record at Greenwich Obsy.

Exposure from 10th 19h. 30m. to 11th 04h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.00	00.25	5
δ Ursae Minoris	9.00	0010	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 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Radio Disturbances (Atmospherics) at Chiffon.†

Time.	Type.	No. per 4 sec.	Strength.	Direc.
12h.	-	-	-	-
16h.	-	-	-	-
20h.	-	-	-	-
24h.	-	-	-	-

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

11th-12th Sept., 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.22	11.50	6.18
	5.23	11.49	6.16
Greenwich	5.30	11.57	6.24
	5.31	11.56	6.22
Wick	5.35	12.9	6.43
	5.37	12.8	6.40
Valencia	6.10	12.38	7.6
	6.11	12.37	7.4

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

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

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

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

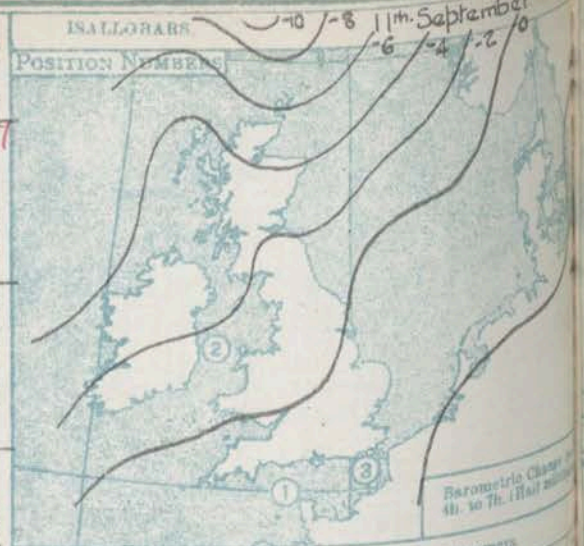
Sea Disturbance.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 10th	Weather. 13h.-18h. 10th	Weather. 18h. 10th to 1h. 11th	Weather. 1h.-7h. 11th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 10th Hours.
Lerwick	qpr	bc	omr	omr	53	46	•	4	5	<0800	<2100	8·~~4~~7
Stornoway	p	oo	p	r-d	55	49	•	0·5	5	–	–	3·9
Wick	opo	opo	olr.	olr.	54	46	•	0·5	0·3	0900	2400	•
Castlebay	co	oo	opo	o	55	52	•	–	0·2	–	–	0·6
Nairn	bcprgc	bccg	cg	cg	55	50	•	0·4	–	0900	–	3·7
Aberdeen	bbcq	coc	co	oo	60	50	46	–	–	–	–	7·8
Malin Head	cov	cov	colr.	cov	57	51	•	–	0·3	–	<2100	2·2
Renfrew	bcco	oyo	oop.	oo	59	50	48	–	Trace	–	–	2·3
Edinburgh (Inchkeith)	c	oo	c	c	56	51	49	–	–	–	–	6·7
Leuchars	cbccoy	oo	oo	oog	61	49	42	–	–	–	–	5·4
Eskdalemuir	bccy	oyc	o	oc	58	45	43	–	–	–	–	7·9
Tynemouth	bbc	bbcm	bbcm	bbcm	62	49	43	–	–	–	–	•
Blacksod Point ...	c	bbc	c	oo	59	49	•	0·5	–	–	–	•
Donaghadee	bbc	c	bc	c	59	~~49~~ 51	•	–	–	–	–	•
Birr Castle	cifoc	co	co	co	62	44	36	–	–	–	–	9·6
Holyhead	cbcbv	bbc	bvbw	bbccv	60	51	40	–	–	–	–	10·2
Liverpool (Bidston) ...	doobc	bbc		c	60	48	~~45~~ 39	–	–	–	–	8·9
Chester (Shotwick) ...	opsbcc	cbcc	bcbm	bbcmr	62	37	30	Trace	–	<0800	–	7·1
Spurn Head	cbcv	c	cbb	bbmb	61	49	•	–	–	–	–	4·7
Birmingham (Edgbaston)	om	ocbccm	bcbm	bcmw	60	45	34	–	–	–	–	0·3
Nottingham	ifido	oo	cbm	f-m	62	41	35	Trace	–	<0800	–	0·3
Cranwell	cbmo	obcc	c	bwm	60	41	35	–	–	–	–	0·8
Gorleston	bmb	bbcc	cbcb	bbcc	63	49	47	–	–	–	–	9·2
Valencia (Cahirciveen)	bbcb	bv	bvw	bwcbc	60	44	41	–	–	–	–	11·2
Roches Point	cbc	bcb	bw	bw	61	45	•	–	Trace	–	–	•
Pembroke (St. Ann's H.)	c	bbc	bbc	bcw	63	49	•	–	–	–	–	5·6
Ross-on-Wye	cmb	ocbc	bw	bmf	62	40	34	–	–	–	–	3·3
Benson...	bccz	bcz	co	oz	69	50	43	–	–	–	–	•
Andover	omc	cbcbm	bmbc	cmom	70	52	45	–	–	–	–	5·5
S. Farnborough ...	ocm	comm	oomm	omm	74	52	48	–	–	–	–	7·7
London (Kew Obsy.) ...	omwbc	bccz	czomc	oomw	70	56	49	–	–	–	–	6·5
Croydon	ocmy3	bcczy	czbm	bomw	73	52	45	–	–	–	–	7·5
Clacton-on-Sea ...	bcmcz	cbcz	bcz	bczom	67	54	49	–	–	–	–	4·4
Shoeburyness	omcm	cmo	o	oo	70	53	44	–	–	–	–	6·4
Grain	ombc3	bczcm	combc	bcmom	67	55	52	–	–	–	–	7·0
Lympne	bbcy	bcom	ocm	comw	73	53	48	–	Trace	–	–	7·7
Scilly (St. Mary's) ...	co	oo	bbc	bbc	61	53	•	–	–	–	–	1·4
Falmouth (Pendennis)	bc	bc	b	bc	63	53	•	–	–	–	–	10·8
Plymouth (Cattewater)	b	b	b	bf	68	51	•	–	–	–	–	10·4
Portland Bill	c	bbc	bbc	bbc	66	53	•	–	–	–	–	•
Southampton (Calshot)	omom	bbm	bbwom	obwm	70	58	52	–	–	–	–	8·2
Dungeness	bbc	c	c	c	70	57	•	–	–	–	–	•
Jersey	b	bbcb	bw	bwm	67	51	•	–	–	–	–	11·6
Guernsey	mo	mob	mb	f-m	60	55	•	–	–	–	–	•



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	10th 1800	"Cambria"	NW	4	b	56	55
1	10th 1100	"Ibex"	NNE	2	o/f	60	60
3	11th 0200	"Arundel"	NE	1	bc	57	61

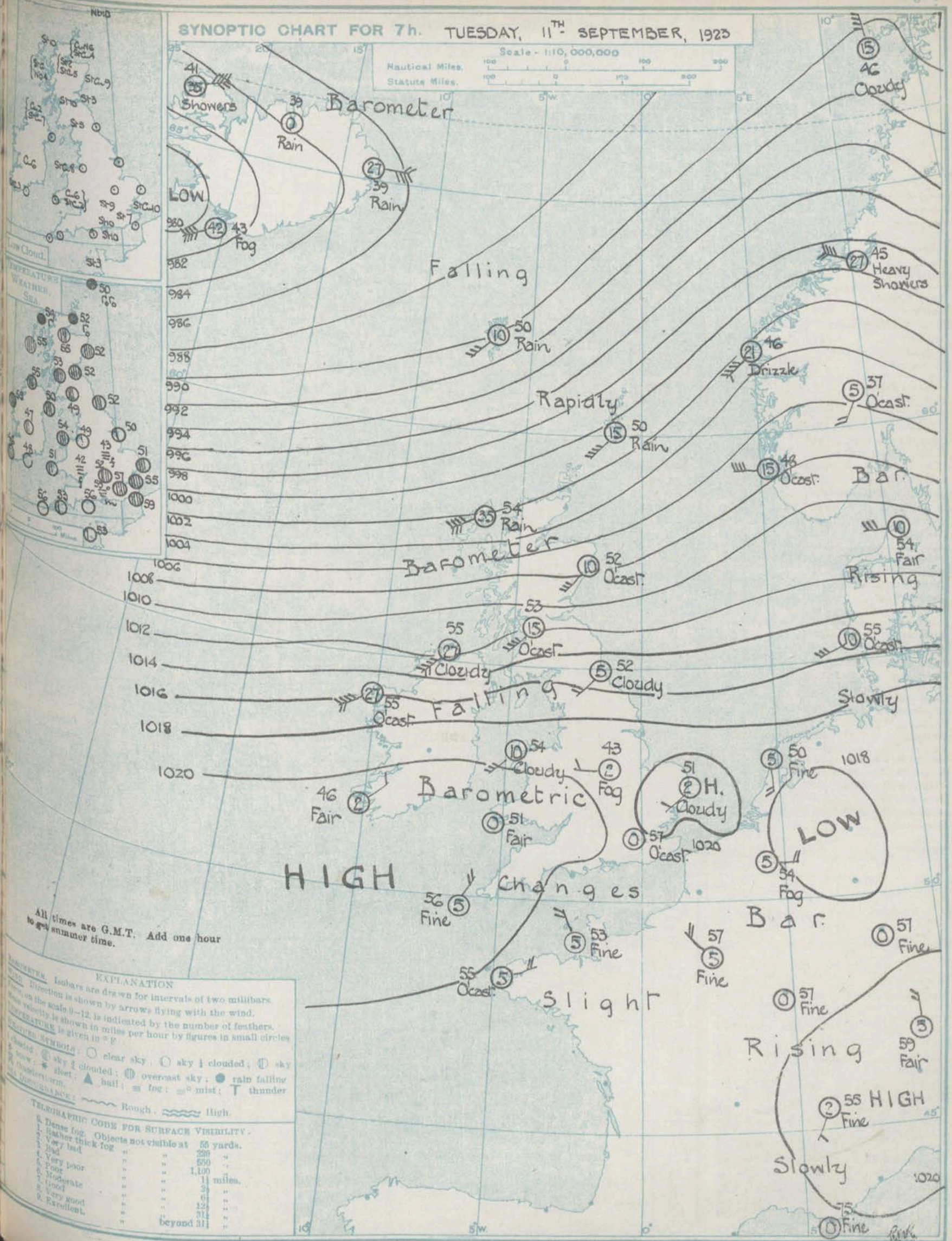
GENERAL INFERENCE.

A ridge of high pressure still extends from north of the Azores to Central Europe and is likely to maintain fair, quiet and rather warm weather in the south of England for at least 24 hours, but in Scotland the weather will be rainy for a time with strong S.W. to W. winds veering to N.W. later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 11th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind light and indefinite, becoming southwesterly later; fair; morning mist; rather warm during the day.	Unsettled in the North; fair in the South.
4. W. Midlands 5. S.W. England	Wind light and indefinite, becoming westerly to north-westerly later; fair; morning mist; moderate temperature.	
6. South Wales	Wind SW. to W., veering to NW. later, light to moderate; fair; visibility moderate; moderate temperature.	
7. North Wales 8. N.W. England	Wind S.W. to W., veering to NW. later, moderate to fresh; cloudy, improving later; local drizzle; visibility moderate to good; moderate temperature.	
9. N. Midlands 10. N.E. England	Wind SW. to W., moderate to fresh; cloudy, improving later, local drizzle; visibility moderate to good; moderate temperature.	▼ South Cone hoisted at 0230 G.M.T. today.
11. E. Scotland ▼ 12. S.W. Scotland	Wind SW to W., fresh to strong; cloudy, occasional rain or drizzle, improving later; visibility moderate to good; moderate temperature.	
13. Isle of Man 14. N.& N.W. Scotland ▼	Wind SW. to W, veering to NW. later, fresh to strong, cloudy, intermittent rain, improving later; visibility moderate to good; moderate temperature.	
15. Hebrides ▼ 16. Orkneys and Shetlands ▼	Wind SW. to W, veering to NW., a gale at first, moderating gradually; cloudy, intermittent rain, improving later; visibility moderate to good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind SW. to W., a gale at first, moderating gradually, cloudy, intermittent rain; visibility moderate to good; moderate temperature.	
19. S.E. Ireland	As 12 - 13.	
20. S.W. Ireland	Wind W., veering to NW., light to moderate; rather cloudy, local drizzle; visibility moderate to good; moderate temperature.	

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

† For Code see opposite page.



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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Mean velocity, on the scale 0–12, is indicated by the number of feathers.
TEMPERATURE is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ overcast sky; ● rain falling; ✱ snow; ▲ hail; ≡ fog; ≡° mist; T thunder; ℞ thunderstorm.
SEA CONDITIONS: Rough, High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

0. Dense fog. Objects not visible at			55	yards.
1. Rather thick fog	"	"	220	"
2. Very bad	"	"	550	"
3. Bad	"	"	1,100	"
4. Very poor	"	"	11	miles.
5. Poor	"	"	3¼	"
6. Moderate	"	"	6½	"
7. Good	"	"	12½	"
8. Very good	"	"	31	"
9. Excellent.	"	beyond	31	"

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Tuesday...11th. September. 1923. No. 254.

Observations at 0100 G.M.T...11th.....

STATIONS.	Height above M.S.L. in Feet.	Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	10087	-2	SW	2	or.r.	48	92	6	4000	Nb	10	-	10
Stornoway	51	10072	-6	W	6	r+	•	•	4	•	•	•	•	•
Wick	81	10087	-5	SW	3	o/r	48	97	8	2500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	10153	-3	SW	5	o/r	53	92	9	4000	Nb	6	ACu	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	10150	-3	SW	4	bc-	51	85	8	-	-	0	ASt	4
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	10182	0	SW	1	b	50	85	6	800	St	2	-	2
Blacksod Point ...	10	10186	-2	WSW	6	o	55	85	3	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	10204	0	S'W	3	b	54	97	8	-	-	0	-	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	10194	0	WNW	4	b	51	85	6	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	10203	+1	W	2	b	43	97	6	-	-	0	-	0
Gorleston	13	10204	0	W'N	1	b	51	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	10217	-1	-	0	b	51	97	8	-	-	0	-	0
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	10213	0	NW	2	b	50	92	8	-	-	0	-	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230		•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18		•	•	•	•	58	•	•	•	•	•	•	•
Croydon	244	10197	0	-	0	b	55	97	6	-	-	0	ASt	3
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness... ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10198	0	NE	3	c	55	92	6	4000	StCu	7	-	7
Scilly (St. Mary's) ...	131	10220	+1	N	3	b	55	97	8	-	-	0	-	0
Falmouth (Pendennis)	200	10208	+3	N	3	b	55	92	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	10195	0	NE	3	b	58	75	6	-	-	0	-	0
Southampton (Cu.shot)	12	10199	0	NEE	1	mo	58	92	4	450	St	10	-	10
Dungeness	21	10193	+1	E	2	bc-	60	92	7	-	-	0	ASt	4
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	10199	+1	NW	1	mmb	56	97	5	-	-	0	-	0

Observations at 0700 G.M.T.....11th.....

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun.
Lerwick	1000·7	-8	SW	4	or.r.	50	97	5	4000	Nb	10	-	10	3
Stornoway	10016	-5	W'S	7	or	54	92	6	450	St	10	-	10	1
Wick	10025	-8	SW	3	or.	52	92	8	2500	CuNb	10	-	10	4
Castlebay	10072	-2	W	5	o	55	85	6	800	St	10	-	7	•
Nairn	10045	•	W	3	c	55	85	8	1500	StCu	7	-	10	0
Aberdeen	10078	-4	SSW	3	o	52	85	8	2500	StCu	9	CiSt	9	4
Malin Head	10113	-3	SW	6	o	55	92	8	4000	StCu	9	-	10	•
Renfrew	10128	-2	SW	4	o	53	85	7	800	St	10	-	9	4
Edinburgh (Inchkeith)	10100	-3	WSW	6	o+	52	85	8	-	St	3	ACu	10	•
Leuchars	10089	-4	WSW	6	o	53	85	7	1500	StCu	9	ACu	8	•
Eskdalemuir	10145	-2	SW'S	4	c	49	85	7	1500	St	5	ACu	8	1
Tynemouth	10150	-3	SW	1	c+	52	92	6	-	-	0	ACu		
Blacksod Point ...	10150	-4	WSW	6	o	55	92	8	•	•	•	•	10	4
Donaghadee	10161	-2	SW	3	c+	50	85	8	-	-	0	ASt	8	0
Birr Castle	10191	•	S	1	bc-	47	97	7	2500	Cu	6	-	6	•
Holyhead	10187	-2	SW	3	cv	54	92	9	5700	StCu	8	-	8	1
Liverpool (Bidston) ...	10186	-1	SW	3	b	49	85	7	-	-	0	CiSt	3	3
Chester (Shotwick) ...	10189	-2	ESE	2	bc	43	97	5	-	-	0	Ci	5	•
Spurn Head	10188	0	WSW	3	b	50	92	6	-	-	0	Ci	1	
Birmingham (Edgbaston)	10204	0	SW	2	b	49	85	6	4000	StCu	2	Ci	3	•
Nottingham	10197	-1	W	1	fb-	43	97	2	-	-	0	Ci	1	•
Cranwell	10204	-1	WSW	2	b	48	92	6	-	-	0	ACu	8	0
Gorleston	10202	0	SW'W	1	c-	51	85	6	-	-	0	ACu		
Valencia (Cahirciveen)	10208	-2	NE	1	bc-	46	92	8	2500	StCu	3	ACu	4	1
Roches Point	10206	0	E	1	b	48	85	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	10207	-1	-	0	bc	51	97	8	-	-	0	Ci	5	1
Ross-on-Wye	10206	-1	-	0	fc-	42	97	3	4000	Cu	8	-	8	•
Benson...	10196	0	-	0	o	52	85	6	-	St	9	-	9	•
Andover	10200	0	-	0	o+	55	85	6	1500	StCu	10	-	10	•
S. Farnborough ...	10200	0	-	0	mmo	55	97	4	800	St	10	-	10	•
London (Kew Obsy.)...	10199	+1	-	0	o	57	85	6	1500	St	7	ASt	10	•
Croydon	10198	0	-	0	o	55	97	5	2500	StCu	10	-	10	0
Clacton-on-Sea ...	10200	0	NNW	3	o	55	85	5	4000	StCu	10	-	10	•
Shoeburyness... ...	10199	0	-	0	o	56	85	7	4000	StCu	6	ASt	10	0
Grain	10200	0	-	0	o	57	92	6	2500	StCu	10	-	10	•
Lympne	10198	0	NE	2	o	55	97	6	~~2500~~ 5700	StCu	7	CiSt	10	1
Scilly (St. Mary's) ...	10212	0	NNE	2	b	56	85	8	-	-	0	-	0	0
Falmouth (Pendennis)	10206	+1	N	3	b-	53	92	8	-	-	0	ACu	2	0
Plymouth (Cattewater)	10205	0	-	0	mb-	51	97	6	-	-	0	-	0	0
Portland Bill	10193	0	-	0	b	56	85	6	-	-	0	-	0	0
Southampton (Cu.shot)	10199	0	NNE	1	mmo	58	97	4	1500	St	10	-	10	0
Dungeness	10194	0	E	2	o+	59	92	7	-	-	0	CiCu	9	2
Jersey	10198	0	NNW	2	b	53	92	5	800	St	3	-	3	8
Guernsey	10198	+2	WNW	2	fm-	57	97	3	-	-	0	-	0	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 9th-10th. °F.	Temperature. Max. Day. 10th. °F.	Rainfall.† Night 17h.-9h. 9th-10th. mm.	Rainfall.† Day 9h.-17h. 10th. mm.	Sunshine. Sunrise to 17h. 10th. hr.	Sunshine. Sunrise to Sunset. 9th. hr.
Montrose	bbc	bc	41	62	-	-	6.6	7.6
Berwick-on-Tweed	3cbc	bcc3	45	58	-	-	5.6	6.4
Llandudno	cbbc	bcb	54	60	0.4	-	7.2	8.2
Colwyn Bay ...	bc	bc	54	61	-	-	8.1	8.5
Rhyl...	bc	bc	53	60	0.1	-	8.9	9.5
Southport	bcb	bbc	53	59	-	-	8.2	3.8
Blackpool	cbc	c	52	60	-	-	6.8	2.3
Ilkley	bcc	bc	51	66	-	-	6.8	8.7
Harrogate	c	b	51	63	-	-	6.0	10.6
Skegness	o	ocb	50	61	-	-	1.8	11.3
Aberystwyth ...	occ	b	51	60	0.3	-	6.0	8.7
Bath	mbbc	bcco	54	67	-	-	3.8	9.1
Leamington Spa ...	bcm	bco	47	63	-	-	2.5	11.0
Lowestoft	bcb	bbc	51	61	-	-	9.5	11.2
Felixstowe	cb	cbcb	52	70	-	-	7.5	11.6
Southend	bc	cbc	55	70	-	-	6.7	9.2
Dover	b bgc	cbcc	50	69	-	-	7.6	11.3

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 9th-10th. °F.	Temperature. Max. Day. 10th. °F.	Rainfall.† Night 17h.-9h. 9th-10th. mm.	Rainfall.† Day 9h.-17h. 10th. mm.	Sunshine. Sunrise to 17h. 10th. hr.	Sunshine. Sunrise to Sunset. 9th. hr.
Ilfracombe	bc	b	55	65	-	-	10.0	7.3
Bude	bgdcb	b	54	64	-	-	6.6	8.0
... ...							7.4	9.7
Paignton	wbcc	cbcbco	51	67	-	-	8.0	8.6
Torquay	b	b	52	69	-	-	5.5	10.7
Weymouth	oc	bcb	58	72	-	-	9.0	9.4
Bournemouth ...	b	b	47	70	-	-	6.7	8.7
Portsmouth (S'thsea)	fbcb	b	54	74	-	-	11.0	10.0
Littlehampton ...	bc	bc	53	67	-	-	10.5	8.7
Worthing	b	b	50	70	-	-	10.4	11.9
Brighton	b	b	49	70	-	-	11.1	11.6
Eastbourne... ...	b	b	50	71	-	-	11.2	9.5
Hastings	wb	bbc	54	71	0.1	-	7.4	10.9
Folkestone	b	b	52	69	-	-	7.2	11.2
Tunbridge Wells ...	bcb	bbc	47	75	-	-	8.1	11.6
Ramsgate	bcb	bbcm	51	*	-	-	7.9	11.2
Margate	b	bbc	54	69	-	-	8.7	
Deal	bcb	bbc3	50	70	-	-		

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* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 2. ‡ See for more page 3.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE LONDON:

BRITISH SECTION. No. B.22.574. Wednesday, 12th September 1923.

Observations at 1800 G.M.T. 11th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	995.2	-4	SW	4	orr	53	97	5	4000	Nb	10	-	10	•
Stornoway	996.1	-5	W'S	4	0/r	56	92	6	450	St.	10	-	10	•
Wick	997.4	-5	SW	4	o	58	85	8	1500	St.	9	-	9	•
Castlebay	1001.8	-4	SW	7	o6r	55	97	5	800	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1001.8	-5	SW	3	o	58	75	8	2500	St.Cu	6	A.St	10	0
Malin Head	1007.2	-5	SW	5	od	56	97	7	4000	Nb	7	A.St	10	•
Renfrew	1008.4	-5	SW	5	odo	55	85	7	800	Nb	10	-	10	0
Edinburgh (Inchkeith)	1005.0	-6	WSW	8	0	56	75	8	*	Cu	3	Ci.St	10	•
Leuchars	1005.8	-5	WSW	5	0	56	92	7	2500	St.Cu	10	-	10	0
Eskdalemuir	1010.2	-3	SSW	6	o	53	75	8	2500	St.Cu	10	-	10	0
Tynemouth	1010.6	-6	SW	3	bc-	63	75	7	4000	Cu	3	A.Cu	5	•
Blacksod Point	1012.0	-4	SW	7	o	57	92	7	*	-	-	-	10	•
Donaghadee	1012.4	-3	SW	4	bc-	61	75	8	1500	Cu	6	-	6	•
Birr Castle	1016.3	*	SW	3	c+	60	75	8	4000	Cu	8	-	8	•
Holyhead	1016.4	-4	SW'S	4	bc	59	85	9	4000	St.Cu	3	Ci.St	5	0
Liverpool (Bidston)	1015.6	-5	WSW	3	b	59	65	8	2500	St.Cu	3	-	3	•
Chester (Shotwick)	1016.3	-3	W	5	b	65	55	9	4000	Cu	2	A.Cu	3	0
Spurn Head	1015.5	-5	SW	4	bc+	62	65	7	5700	Cu	3	A.Cu	5	•
Birmingham (Edgbaston)	1017.5	-3	SSW	4	b	60	65	8	4000	Cu	1	-	1	0
Nottingham	1016.2	-5	W	4	b	65	55	8	2500	Cu	1	-	1	•
Cranwell	1017.5	-3	WSW	4	b	64	65	6	-	-	0	-	0	0
Gorleston	1018.4	-1	SSE	3	o+	61	85	6	4000	Cu	9	-	9	•
Valencia (Oahirciveen)	1018.6	-2	SW'S	5	c+	60	65	9	2500	St.Cu	7	-	7	0
Roches Point	1018.1	-3	SW	3	bc+	60	75	8	5700	St.Cu	5	-	5	•
Pembroke (St. Ann's H.)	1019.3	-1	SW	3	bc	60	75	8	4000	Cu	2	Ci	4	•
Ross-on-Wye	1017.6	-3	SW'W	2	b	66	55	6	5700	Cu	1	-	1	0
Henson	1017.1	-3	WSW	3	b	70	55	7	*	Cu	1	-	1	0
Andover	1017.9	-3	SW'W	3	b	69	55	7	4000	Cu	2	-	2	0
S. Farnborough	1017.8	-2	SW	2	bc	72	55	7	2500	Cu	4	-	4	0
London (Kew Obsy.)	1017.8	-3	SSW	2	bc-	67	65	7	4000	Cu	5	-	5	0
Croydon	1018.1	-3	W	2	b-	68	55	6	2500	Cu	2	-	2	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1018.4	-3	ESE	1	bc-	67	65	7	5700	St.Cu	3	A.Cu	5	*
Gravesend	1018.1	-3	WSW	3	c-	67	65	6	2500	St.Cu	7	-	7	0
Lympne	1018.4	-2	SSE	2	c	64	75	6	2500	Cu	7	-	7	0
Scilly (St. Mary's)	1021.3	+1	-	0	b	63	75	8	-	-	0	-	0	•
Falmouth (Pendennis)	1019.5	-3	S	2	b+	66	75	8	5700	Cu	2	-	2	•
Plymouth (Cattewater)	1019.3	-2	S	2	b	64	75	7	-	-	0	-	0	0
Portland Bill	1019.3	0	SW	2	b	64	65	6	-	-	0	-	0	•
Southampton (Calshot)	1018.5	-3	SE'S	1	mbc	69	65	6	1500	Cu	4	-	4	0
Dungeness	1019.0	0	SW	2	b	65	75	6	-	-	0	-	0	•
Jersey	1019.7	0	N	2	b	66	75	6	-	-	0	-	0	•
Guernsey	1020.1	-2	N	1	b	64	85	6	5700	Cu	2	-	2	*

Observations at 1800 G.M.T. 11th

STATIONS.	Barom. at M.S.L. m.b	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	990.1	-3	SW	4	orr	53	97	5	4000	Nb	10	-	10	3
Stornoway	992.8	-4	WNW	6	o/r	52	92	6	450	St.	10	-	10	5
Wick	993.2	-6	WSW	4	oro	57	85	6	2500	C.Nb	10	-	10	3
Castlebay	998.6	-2	W	5	o/r	55	97	6	1500	Nb	10	-	10	6
Nairn	994.8	*	W	2	c+	57	85	8	4000	Cu.Nb	5	A.Cu	8	•
Aberdeen	998.6	-3	SW	4	o	58	85	7	4000	St.Cu	3	A.St	9	1
Malin Head	1003.7	-3	SW	6	o/r	57	97	7	2500	St.	10	-	10	4
Renfrew	1003.7	-5	SW	5	odd	56	92	5	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1001.2	-4	WSW	7	o	57	85	8	*	St.Cu	4	A.St	10	5
Leuchars	1000.7	-7	SW	8	o	57	85	7	450	St.Cu	10	-	10	•
Eskdalemuir	1007.5	-2	SSW	5	orr	53	92	6	800	Nb	10	-	10	•
Tynemouth	1007.1	-3	SW	3	o+	57	85	6	4000	Cu	3	Ci.St	9	2
Blacksod Point	1009.3	-4	W'S	7	mo	56	97	7	-	-	0	-	10	8
Donaghadee	1008.6	-6	W	4	c+	60	75	8	1500	St.Cu	8	-	8	4
Birr Castle	1013.2	*	SSW	3	c	58	75	7	4000	Cu	6	Ci	8	•
Holyhead	1012.7	-3	SSW	5	o	56	97	8	2500	Cu	1	Ci.St	9	3
Liverpool (Bidston)	1012.8	-2	SW	3	bc+	58	75	6	-	-	0	A.St	5	3
Chester (Shotwick)	1013.4	-2	SW	4	o	59	65	9	4000	Cu	1	Ci	9	•
Spurn Head	1012.4	-3	SW	4	o+	61	65	8	-	-	0	A.St	9	2
Birmingham (Edgbaston)	1014.6	-3	SSW	4	bc	61	55	8	5700	Cu	1	Ci	5	•
Nottingham	1013.5	-2	W	3	o+	62	65	7	2500	St.Cu	1	Ci	9	•
Cranwell	1014.3	-4	WSW	3	o	61	75	7	4000	St.Cu	3	Ci.Cu	9	•
Gorleston	1015.3	-3	S'W	2	c-	61	85	6	-	-	0	A.St	7	0
Valencia (Oahirciveen)	1016.6	-2	SW	4	c-	58	85	8	1500	St.Cu	8	-	8	4
Roches Point	1015.9	-2	WSW	2	c	58	85	8	4000	St.Cu	3	Ci.St	7	3
Pembroke (St. Ann's H.)	1017.1	-1	WSW	4	bc	?	75	8	4000	St.Cu	2	Ci	4	3
Ross-on-Wye	1015.6	-2	WSW	4	b+	60	55	8	-	-	0	Ci	3	•
Henson	1016.4	-2	W	1	b	63	65	7	*	-	-	Ci	1	•
Andover	1016.3	-2	W	4	b-	63	65	7	4000	Cu	1	-	1	•
S. Farnborough	1016.0	-2	WSW	4	b-	66	75	5	5700	Cu	3	-	3	•
London (Kew Obsy.)	1015.5	-2	WSW	2	b	67	55	7	4000	St.Cu	1	Ci	2	•
Croydon	1016.1	-2	SW'S	3	b	64	75	6	4000	Cu	2	-	2	•
Clacton-on-Sea	1015.3	-3	S	3	bc	62	?	6	-	-	0	A.St	4	0
Shoeburyness	1015.5	-3	SW	1	bc-	65	55	7	-	-	0	A.St	5	•
Gravesend	1015.6	-2	SW'S	3	b+	65	65	6	-	-	0	Ci	2	0
Lympne	1016.3	-1	W'S	3	b	60	85	6	-	-	0	A.St	1	•
Scilly (St. Mary's)	1019.1	-1	NW'N	1	b	59	85	9	-	-	0	-	0	2
Falmouth (Pendennis)	1018.0	0	N	2	b	61	65	8	-	-	0	-	0	0
Plymouth (Cattewater)	1017.9	-1	W	3	b	61	85	7	-	-	0	-	0	0
Portland Bill	1017.7	-2	SW	2	b	61	75	6	-	-	0	-	0	0
Southampton (Calshot)	1017.1	-1	SW'W	4	mmb	62	85	6	-	-	0	-	0	0
Dungeness	1016.7	-3	SW	3	bc-	63	85	6	-	-	0	Ci.St	4	3
Jersey	1018.3	0	N	2	b	69	65	7	-	-	0	-	0	0
Guernsey	1018.7	-2	E'N	1	mmb	62	85	5	-	-	0	-	0	0

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. of.	Temperature. Min. of.	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.
		24 HOURS ENDED 0900 G.M.T. 12th										
Kew } 24 hours ended 0700	18	omwbc	byzby	bvbbc	*	*	44	-	-	7.1	*	*
Croydon } 24 hours ended 0700	244	obmzy	bzy	bbc	*	*	41	-	-	5.5	*	*
Greenwich (Royal Obsy.)	149	ob	b	b	72	50	42	-	-	6.0	51	68
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	4.2	*	*
Westminster (St. James' Pk.)	27	*	*	*	70	51	47	-	-	6.3	65	73
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	5.5	*	*
Camden Square	110	obc	bcb	*	73	50	46	-	-	*	*	76
Kensington Palace	60	obc	bcb	*	72	51	43	-	-	*	56 (18h)	75
Hampstead Observatory	450	*	*	*	69	48	42	-	-	6.7	*	76

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 11th.

South Kensington Max.	Time.	Min.	Time.
0.3	10h. 25m.	0.3	11h. 2m.
1.0	11h. 9m.		

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 19h. 30m. to 12th 04h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.00	9.00	100
δ Ursæ Minoris	9.00	9.00	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=Snowing to-day in 1200 and 1800 reports (Hoar frost in 0100 and 0700 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Strength.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
17th.	-	-	-	-
17th.	-	-	-	-

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

12th.–13th. Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.23 / 5.25	11.49 / 11.49	6.16 / 6.13
Greenwich	5.31 / 5.33	11.56 / 11.56	6.22 / 6.19
Wick	5.37 / 5.39	12.8 / 12.8	6.40 / 6.37
Valencia	6.11 / 6.13	12.37 / 12.37	7.4 / 7.1

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
P thick fog " less than 200 m.
p precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze: the turbid atmosphere of dry weather.

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

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

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

R = heavy rain.
rr = continuous moderate rain.
ro = continuous light rain.

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

SEA DISTURBANCE.

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

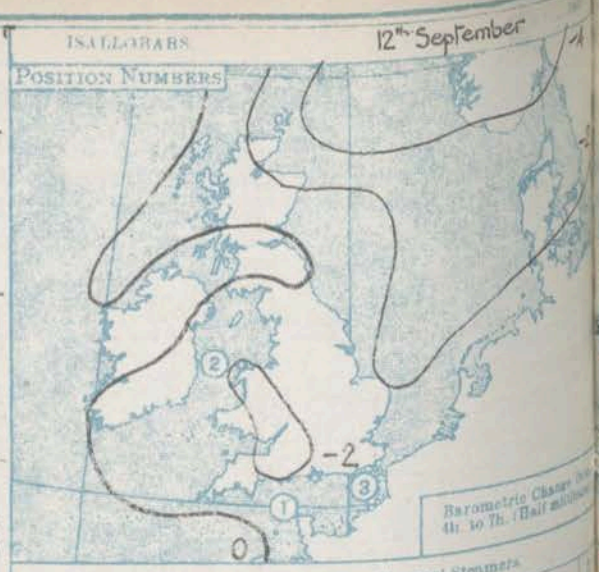
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11th	13h.-18h. 11th	18h. 11th to 1h. 12th	1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-13h.	MIN. Night 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 11th Hours.
Lerwick	omr	dmr	bcp	cpr	53	49	•	23	Trace	L0800	<2100	0·0
Stornoway	rd	rd	p	p	56	46	•	6	2	-	-	0·0
Wick	oo	oir	oo	b-bc	59	46	•	Trace	Trace	L0800	<2100	•
Castlebay	orof	rofo	~~[illegible]~~	bbc	55	49	•	0·3	~~1·0~~	-	—	0·0
Nairn	cbcq	bcqprc	cdqq	bbq	60	49	•	1	0·2	1530	<2100	0·8
Aberdeen	obcopq	obq	oqco	ocbq	60	52	49	trace	-	0900	—	1·0
Malin Head	omido	omido	omid	oir	58	50	•	1	3	1100	<2100	0·0
Renfrew	odoq	oqrrm	orr	omdq	57	50	48	3	3	0900	<2100	0·3
Edinburgh (Inchkeith)	oo	p	p	p	57	52	50	0·5	0·5	1330	<2100	0·6
Leuchars	oo	p	obcoirr	orbcq	57	51	43	0·1	0·5	1430	<2100	0·5
Eskdalemuir	co	oor	orror	orror	54	51	51	1	9	1430	<2100	0·3
Tynemouth	bcq	cmq	oq	c	64	57	54	-	-	-	-	•
Blacksod Point ...	p	f-m	f-m	f-m	58	52	•	1	0·5	-	-	•
Donaghadee	cq	bq	bq	oq	64	57	•	-	-	-	-	•
Birr Castle	co	co	cofrr	rrro	61	55	53	-	2	-	22·00	6·0
Holyhead	bvbcv	bcov	ocbro	orrm	60	54	54	•	12	-	01·30	7·7
Liverpool (Bidston) ...	b.bc	bc		cor	63	49	44	-	0·2	-	03·30	8·8
Chester (Shotwick) ...	bcmbcb	bbco	obccq	coqq	65	54	44	-	—	-	—	10·2
Spurn Head	b.bc	c	b-bc	c	65	52	•	-	-	-	-	9·7
Birmingham (Edgbaston)	b	b	bcb	bbcc	66	49	42	-	-	-	-	11·4
Nottingham	bbc	b.bc	cb	c	66	49	44	-	-	-	-	9·1
Cranwell	bbc	c	b-bc	cp	65	50	43	-	Trace	-	05·30	10·6
Gorleston	c	c	b	bcbw	64	48	45	-	—	-	—	5·5
Valencia (Cahirciveen)	bccv	cvoc	or	or	61	56	54	-	2	-	2400	7·3
Roches Point	b.bc	bcc	bcc	co	61	55	•	-	-	-	-	•
Pembroke (St. Azn's H.)	b.bc	b.bc	c	oo	60	55	•	-	-	-	-	11·1
Ross-on-Wye	bcmb	byzby	bvb	bccoc	68	52	46	-	-	-	-	9·3
Benson...	cbcb	b	bb	bcccw	71	46	36	-	-	-	-	•
Andover	omcby	byo	bb	bbcc	71	44	37	-	-	-	-	9·7
S. Farnborough ...	omdc	bbm	bmb	bcw	73	43	39	-	Trace	-	-	7·1
London (Kew Obsy.) ...	omwbc	by	bybbw	bwow	70	51	44	-	-	-	-	7·1
Croydon	obm3y	b3y	b	bbcw	70	48	41	-	-	-	-	5·5
Clacton-on-Sea ...	ogmbc3	bc3	bc2	bc2	64	52	48	-	-	-	-	8·7
Shoeburyness	ocbc	bcbcy	bc	ocb	70	52	49	-	-	-	-	6·6
Grain	omdc3	c3bcb	bzb	bwb	70	51	45	-	-	-	-	6·2
Lympne	obm	cbm	bmw	bobwf	70	51	43	-	Trace	-	—	9·0
Scilly (St. Mary's) ...	b	b	b	b	64	53	•	-	-	-	-	11·9
Falmouth (Pendennis)	bbc	b	b	b-bc	65	50	•	-	-	-	-	10·9
Plymouth (Cattewater)	b	b	b	bm	66	49	•	-	-	-	-	10·8
Portland Bill	bbc	bbc	b-bc	b-bc	65	56	•	-	-	-	-	•
Southampton (Calshot)	bcm	bm	b-bc	bwb	70	47	45	-	-	-	-	8·7
Dungeness	c	c	b-bc	b-bc	67	59	•	-	-	-	-	•
Jersey	b	b	bwf	bwf	71	53	•	-	-	-	-	9·5
Guernsey	fb	fb	ffb	ob	66	55	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	11th 1000	"Cambria"	SSW	3	bcv	57	55	
1	11th 1100	"Reindeer"	-	0	ffb	66	60	2
3	12th 0200	Dieppe	SW	2	bc	61	61	

GENERAL INFERENCE.

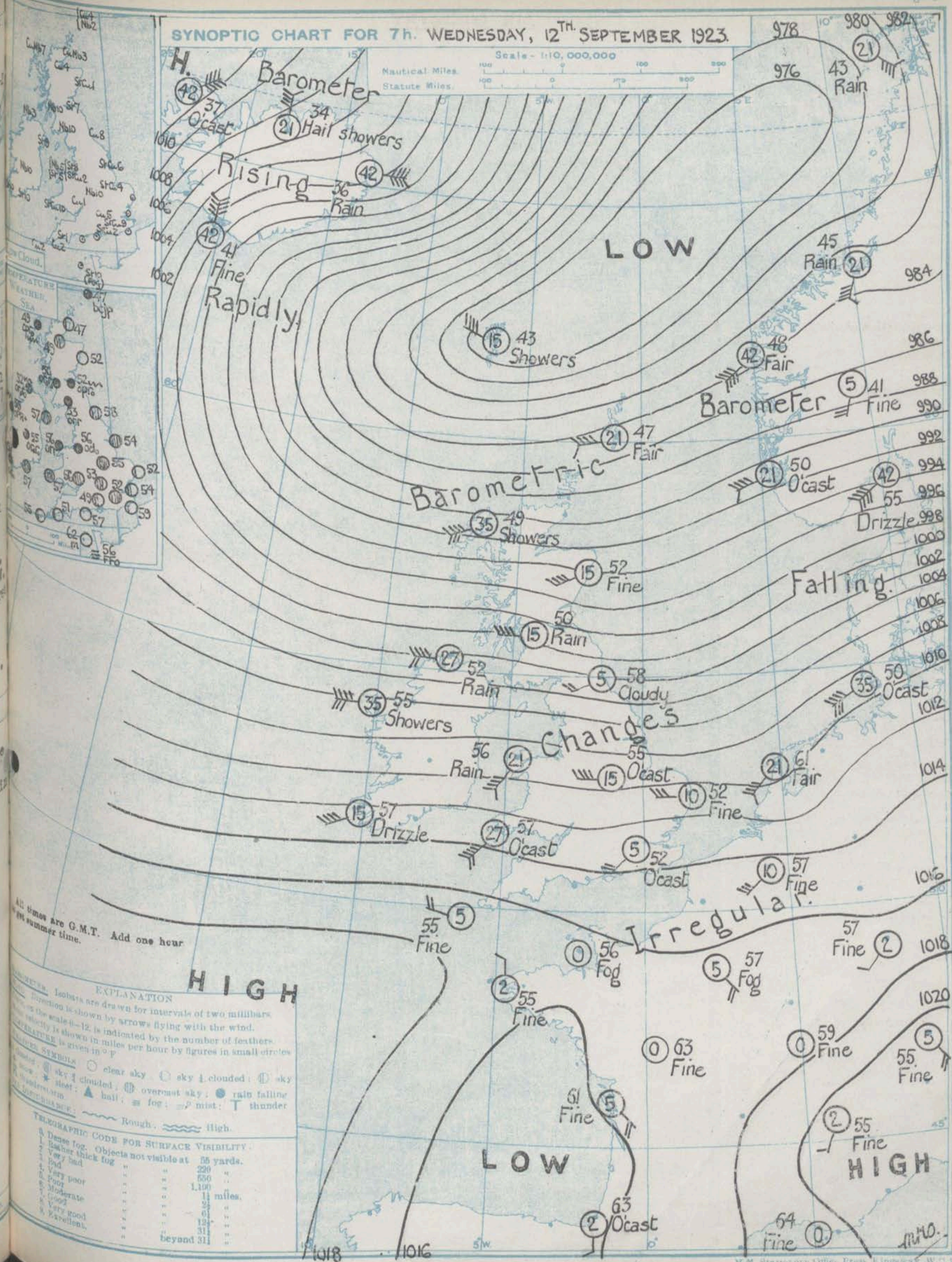
The depression north of the Shetalnds will pass away eastwards and is likely to be follow in the course of the next few days by another depression at present far out on the Atlantic. Occasional showers with strong W. to N.W. winds are probable at fir in the North followed by temporarily fair quiet weather while in the South generally fair weather will be maintained.

Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday, 12th September, 1923.

Districts.		Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate or fresh W. wind, decreasing; fair; visibility moderate to good; moderate temperature.	Unsettled in the North; further outlook uncertain for the South. ---
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Fresh or strong W. wind, moderating; occasional local showers, becoming fair; visibility moderate to good; moderate temperature.	▽ South Cone hoisted at 0230 G.M.T. 11/9/23.
11. E. Scotland ▽ 12. S.W. Scotland ▽ 13. Isle of Man 14. N.&N.W. Scotland ▽ 15. Hebrides ▽ 16. Orkneys and Shetlands ▽ 17. N.W. Ireland ▽ 18. N.E. Ireland ▽	Wind W. to N.W., strong to a gale at first, moderating later; occasional showers, becoming fair; visibility moderate to good; cool.	▽ South Cone hoisted at 1600 G.M.T. 11/9/23. ---
19. S.E. Ireland 20. S.W. Ireland	As 7 - 10.	

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 12th September 1923. No. 255

Observations at 0100 G.M.T. 12th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	989·3	+2	W	5	bcPR	48	75	6	4000	Nb	5	-	5
Stornoway	51	9944	-2	W	6	PR	•	•	5	•	•	•	•	•
Wick	81	9930	0	W	2	bc	47	75	8	2500	CuNb	4	-	4
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	10023	-2	SW	7	o/r	57	92	7	2500	St	10	-	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	9990	-4	WSW	6	cbp	56	97	8	-	St	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	10042	-3	SW	2	o	59	85	7	-	-	0	StR	10
Blacksod Point ...	10	10079	-2	W	7	fo-	56	92	1	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	10106	-2	SW'S	4	ors+	56	97	7	1500	Nb	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	10082	-2	SW'W	5	b	53	92	7	4000	Cu	1	-	1
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	10115	-3	WSW	4	b	52	92	7	-	-	0	-	0
Gorleston	13	10140	-1	SW'S	2	b	51	75	7	-	-	0	-	0
Valencia (Cahirciveen)	30	10128	-4	W	6	ors+	55	92	7	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	10149	-2	SW	5	c	56	85	8	2500	StCu	8	-	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230		•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18		•	•	•	•	54	•	•	•	•	•	•	•
Croydon	244	10156	-2	SW	2	b	52	75	8	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10156	-1	W	4	b	52	97	6	-	-	0	-	0
Scilly (St. Mary's) ...	131	10180	-2	NW	2	b	54	92	8	-	-	0	-	0
Falmouth (Pendennis)	200	10176	-1	W	2	b	51	92	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	10162	-1	SW	2	b	58	75	6	-	-	0	-	0
Southampton (Ca.shot)	12	10165	-2	W'N	3	b	53	85	7	-	-	0	-	0
Dungeness	21	10157	-1	SW	4	b	59	97	7	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	10179	-1	W	3	mmb	58	92	4	-	-	0	-	0

Observations at 0700 G.M.T. 12th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	9844	+4	W'S	5	bc;b	47	85	6	4000	Cu	6	-	6	4
Stornoway	9907	0	W'S	7	cbo	49	75	7	2500	CuNb	7	-	7	6
Wick	9895	-3	SW	5	b	47	85	8	2500	CuNb	3	-	3	3
Castlebay	9987	0	W	6	b+	[illegible]	75	6	2500	Cu	2	-	4	1
Nairn	9937	•	WNW	3	bc	49	75	8	4000	Cu	4	-	1	3
Aberdeen	9957	+1	WSW	4	b-	52	75	8	4000	StCu	1	-		
Malin Head	10052	+1	W	6	ors	52	85	7	4000	Nb	3	StR	10	6
Renfrew	10018	+1	W	4	ors	50	92	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	9966	+2	WSW	7	op	52	85	8	•	St	7	StR	9	6
Leuchars	9979	0	W	8	d+	53	75	8	4000	StCu	6	StR	9	•
Eskdalemuir	10021	-1	WSW	7	orr	53	92	5	800	Nb	10	-	10	1
Tynemouth	10023	0	WSW	2	c	58	92	6	4000	Cu	8		8	
Blacksod Point ...	10068	0	W	7	oPR	55	97	6	•	•	•	-	10	4
Donaghadee	10058	0	WSW	4	o-	57	85	8	800	St	9	-	9	•
Birr Castle	10089	•	WSW	3	ors	55	97	5	800	Nb	10	-	10	3
Holyhead	10090	-2	SW'S	5	orr	56	97	6	225	Nb	10	-	10	4
Liverpool (Bidston) ...	10082	-1	SW	4	odt	56	97	5	1500	St	10	-	9	•
Chester (Shotwick) ...	10088	-1	SW	5	o	~~55~~ 59	85	8	1500	St	9			
Spurn Head	10075	0	SW	5	o	54	92	6	2500	StCu	6	CuSt	10	2
Birmingham (Edgbaston)	10113	+1	SSW	3	o+	53	85	8	2500	St	10	-	10	•
Nottingham	10082	-1	W	4	o+	55	85	6	2500	Nb	10	-	10	•
Cranwell	10099	-1	W'S	4	o	52	97	7	4000	StCu	4	Ci	9	0
Gorleston	10119	-2	W	3	b-	52	75	7	-	-	0	CiCu	2	
Valencia (Cahirciveen)	10125	0	WSW	4	odo	57	97	6	450	St	10	-	10	4
Roches Point	10122	-1	SW	3	o	57	97	8	2500	St	10	-	10	0
Pembroke (St. Ann's H.)	10138	-1	SW'W	6	o	57	85	8	4000	StCu	10	Ci	8	•
Ross-on-Wye	10119	-2	WSW	4	c	56	75	7	4000	Cu	1	Ci		•
Benson...	10130	0	SW	3	c-	53	92	7	-	Cu	5			
Andover	10143	-1	SW'W	2	c+	50	92	8	1500	StCu	8	Ci	8	•
S. Farnborough ...	10140	-1	W'S	3	bc+	49	97	8	2500	StCu	2	-	4	•
London (Kew Obsy.) ...	10139	0	SW	2	o	52	85	8	1500	StCu	9	-	9	•
Croydon	10140	-1	SW'W	3	bc	53	85	8	-	-	0	Ci	4	2
Clacton-on-Sea ...	10124	-1	WSW	4	bc	54	85	7	-	-	0	Ci	5	•
Shoeburyness	10123	-1	W	3	b-	55	65	7	-	-	0	Ci	2	0
Grain	10132	-1	SW'W	4	b	54	75	7	-	-	0	Ci	2	•
Lympne	10142	0	W	3	b/f	53	97	4	-	-	0			
Scilly (St. Mary's) ...	10175	-1	W'N	2	b+	55	92	8	4000	Cu	2	Ci	3	2
Falmouth (Pendennis)	10162	0	W	1	b	51	92	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	10159	0	-	0	b-	51	97	5	4150	St	1	-	1	0
Portland Bill	10156	-2	SW	2	b	57	75	7	-	-	0	Ci	2	0
Southampton (Ca.shot)	10149	-2	W	3	b	50	92	8	-	-	0	StCu	3	4
Dungeness	10143	-2	SW	4	b+	59	97	6	-	-	0		6	0
Jersey	10157	0	-	0	ff o	56	97	1	450	St	10	-		8
Guernsey	10162	0	NW	2	mb-	67	97	6	-	-	8			

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 10th-11th °F.	Temperature. Max. Day. 11th °F.	Rainfall.† Night 17h.-9h. 10th-11th mm.	Rainfall.† Day 9h.-17h. 11th mm.	Sunshine. Sunrise to 17h. 11th hr.	Sunshine. Sunrise to Sunset. 10th hr.
Montrose	cbc	co	50	58	-	-	1·5	6·6
Berwick-on-Tweed	bcbcv	bccog	49	59	-	0·1	5·3	5·7
Llandudno	bc	bc	45	62	-	-	8·7	8·5
Colwyn Bay ...	bc	b	49	66	-	-	?	8·1
Rhyl	bcbc	bc	42	65	-	-	9·3	10·1
Southport	bcb	bbcc	47	62	-	-	9·2	9·0
Blackpool	c	bcc	49	62	-	-	7·4	6·9
Ilkley	bc	c	48	63	-	-	6·5	6·8
Harrogate	c	c	44	61	-	-	4·4	6·2
Skegness	bbm	bm	41	66	-	-	9·2	1·8
Aberystwyth ...	occ	b	43	62	-	-	11·0	7·5
Bath	mb	b	59	68	-	-	9·7	3·8
Leamington Spa ...	b	b	40	67	-	-	9·5	2·5
Lowestoft	bcco	ocbcco	50	63	-	-	5·8	9·5
Felixstowe	bc	b3	53	64	-	-	7·4	7·5
Southend	oc	ocb	55	71	-	-	5·0	6·7
Dover	c3	cbcb	57	70	-	-	8·4	8·4
Ilfracombe	b	b	53	64	-	-	9·2	9·9
Bude	wcbb	bb	41	64	-	-	10·6	7·3
Paignton	wbmbc	b	48	70	-	-	9·7	7·4
Torquay	b	b	51	71	-	-	9·7	8·0
Weymouth	b	b	52	72	-	-	9·5	5·9
Bournemouth ...	b	b	52	70	-	-	9·0	8·8
Portsmouth (S'thsea)	omob	b	58	70	-	-	6·6	7·4
Littlehampton ...	ocmbc	bcbm	57	66	-	-	7·4	11·3
Worthing	ocb	b	55	68	-	-	6·6	10·8
Brighton	mocbb	b	55	66	-	-	6·7	11·7
Eastbourne	cbc	b	54	67	-	-	7·9	
Hastings	ocbcb	b	55	67	-	-	8·2	11·4
Folkestone	b	b	56	69	-	-	8·1	7·4
Tunbridge Wells ...	oc	b	53	72	-	-	5·4	7·3
Ramsgate	bcb	b	56	*	-	-	7·6	8·1
Margate	ob	b	57	66	-	-	7·8	7·7
Deal	cbcb	b	55	72	-	-	8·3	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22578. Thursday, 13th September, 1923.

Observations at 1800 G.M.T. 12th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	984.2	+1	NW	5	bcjp	50	75	6	4000	Cu	6	·	6	·
Stornoway	999.0	+8	NW	5	cpr	53	75	7	2500	CuNb	8	·	8	·
Wick	992.4	+3	WSW	7	bcpr	52	75	8	2500	CuNb	5	·	5	·
Castlebay	1003.6	+4	W	5	c	54	45	8	4000	St	4	ASt	8	·
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Aberdeen	997.3	+3	WSW	6	b	60	65	8	2500	Cu	1	·	1	0
Malin Head	1006.6	+3	W	5	c	54	75	8	4000	St	2	CSt	7	·
Renfrew	1003.7	+1	W	6	o+	55	65	8	4000	StCu	1	CSt	9	2
Edinburgh (Inchkeith)	1000.2	+1	WSW	7	bc	54	65	8	*	Cu	2	CSt	6	·
Leuchars	999.5	+1	W	8	bc	59	55	8	4000	StCu	5	CCu	6	0
Tynemouth	1004.6	+2	W'S	6	o	55	65	7	2500	StCu	8	ACu	9	0
Blackpool	1004.9	+3	W	3	c	59	85	7	4000	Cu	8	·	8	·
Donaghadee	1009.3	+2	W	2	opr	52	92	6	*	*	*	*	10	·
Barr Castle	1008.2	+1	W	3	o+	55	85	8	1500	St	10	·	10	·
Holyhead	1010.4	*	W	2	o-	58	85	7	4000	Nb	9	·	9	·
Liverpool (Bidston)	1009.9	+1	SW'W	4	ojp	60	92	8	800	StCu	10	·	10	2
Chester (Shotwick)	1009.1	0	W'S	4	o/r	58	92	6	1500	CuNb	9	·	9	·
	1009.5	+1	W	4	opr	64	75	9	2500	St	10	·	10	5
Spurn Head	1008.5	+1	WSW	5	0	61	85	7	1500	StCu	10	·	10	·
Birmingham (Edgbaston)	1011.4	+1	SSW	5	o+	61	75	8	4000	CuNb	10	·	10	0
Nottingham	1009.9	0	W	4	0	63	75	7	2500	StCu	10	·	10	·
Cranwell	1010.3	+1	SW'W	5	0	66	85	7	2500	St	6	ACu	9	·
Gorleston	1011.1	0	WSW	4	bc	68	75 65	7	-	-	0	CiCu	5	·
Valencia (Cahirciveen)	1012.9	0	WSW	3	o/r	60	92	7	800	St	6	ASt	10	1
Roches Point	1012.3	0	SW	3	o-	62	85	8	2500	StCu	9	·	9	·
Pembroke (St. Ann's H.)	1013.6	0	WSW	5	0	57	97	8	1500	St	10	·	10	·
Ross-on-Wye	1012.2	0	WSW	4	c+	64	65	8	4000	StCu	6	Ci	7	0
Benson	1013.0	0	W	4	c	68	65	8	*	Cu	4	Ci	7	0
Andover	1013.2	0	W'S	4	c-	68	65	8	4000	Cu	1	Ci	7	0
S. Farnborough	1013.1	-1	W	3	bc	71	55	9	-	·	0	Ci	6	0
London (Kew Obsy.)	1012.9	-1	WSW	3	bc-	67	55	8	-	·	0	Ci	4	0
Croydon	1013.1	-2	W'S	3	bc	70	45	8	-	·	0	Ci	5	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012.4	0	W	4	b	71	45	7	-	·	0	Ci	3	*
Grain	1012.7	-1	SW	4	bc+	72	45	8	-	·	0	Ci	5	·
Lympne	1012.4	-2	WSW	4	b	70	65	8	·	·	0	ASt	1	0
Scilly (St. Mary's)	1015.9	0	W	3	c	63	75	9	4000	StCu	7	·	7	·
Falmouth (Pendennis)	1015.9	-1	W	2	b	64	65	8	5700	Cu	3	·	3	·
Plymouth (Cattewater)	1015.1	-1	SW	3	b-	63	75	9	·	·	0	·	0	0
Portland Bill	1015.0	-2	SSW	2	b	60	75	7	·	·	0	·	0	·
Southampton (Calshot)	1014.1	-1	SSW	4	b	64	75	8	·	·	0	Ci	2	0
Dungeness	1014.1	-1	SW	5	b	65	75	8	·	·	0	CiCu	1	·
Jersey	1015.9	0	N	1	b	65	85	8	-	-	0	-	0	·
Guernsey	1016.4	-2	NW	3	b+	64	75	8	800	Cu	1	-	1	·

Observations at 1800 G.M.T. 12th

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	987.0	+5	NNW	5	ojp	48	85	6	4000	Nb	2	ASt	9	4
Stornoway	1004.8	+6	N	3	bc-	50	75	7	800	St.	6	-	6	2
Wick	1002.2	+11	NW	4	cjp	49	85	8	2500	CuNb	7	-	7	3
Castlebay	1007.1	+3	NW	3	bc+	52	75	9	4000	Cu	2	-	2	3
Nairn	1004.9	*	W	3	bc+	51	75	8	4000	Cu	0	-	6	·
Aberdeen	1004.8	+9	WNW	3	bc	53	75	8	2500	Cu	6	-	6	1
Malin Head	1008.3	+2	W	2	0	52	85	8	4000	Cu	3	AST	9	5
Renfrew	1007.6	+5	WSW	3	c-	51	75	8	4000	StCu	3	Ci	8	·
Edinburgh (Inchkeith)	1005.2	+6	W	4	c	54	75	8	*	Cu	3	CSt	7	3
Leuchars	1004.7	+6	W	4	bc	55	65	8	4000	StCu	2	Ci	5	·
Tynemouth	1008.6	+4	W	3	0	50	75	7	4000	StCu	8	ACu	10	·
Blackpool	1007.9	+4	W	2	c	56	85	6	4000	Cu	8	-	8	1
Donaghadee	1009.6	+1	-	0	o/r	52	92	8	-	-	0	-	10	4
Barr Castle	1009.8	+2	SW	1	ojp	55	85	8	800	St.	10	-	10	3
Holyhead	1011.1	*	W	1	o+	56	97	6	2500	Nb	10	-	10	·
Liverpool (Bidston)	1011.1	+3	WNW	3	o/r	56	97	8	4000	St.	10	-	10	0
Chester (Shotwick)	1010.5	+2	WSW	4	o/r	58	92	6	800	CuNb	10	-	10	5
	1010.5	+2	WSW	3	ka	61	75	8	2500	St.	2	ACu	10	·
Spurn Head	1009.6	+1	WSW	3	0	59	85	7	1500	St.	1	AST	10	2
Birmingham (Edgbaston)	1011.8	+1	SSW	4	0	60	85	8	2500	CuNb	9	-	9	·
Nottingham	1010.4	+1	WSW	3	0	62	75	7	2500	Nb	10	-	10	·
Cranwell	1010.8	+1	WSW	3	0	61	92	7	2500	StCu	4	AST	9	·
Gorleston	1011.3	0	W'N	2	c+	66	65	6	-	-	0	CiCu	8	0
Valencia (Cahirciveen)	1012.4	0	SW	3	o+	59	92	7	800	St	10	-	10	4
Roches Point	1012.1	0	SW	3	0	59	92	8	4000	StCu	9	CiCu	10	0
Pembroke (St. Ann's H.)	1013.6	0	SW	5	0	57	97	7	1500	St.	10	-	10	4
Ross-on-Wye	1012.8	+1	SW	3	0	59	85	8	2500	StCu	8	CiCu	9	·
Benson	1013.9	0	WNW	4	c	60	85	7	*	Cu	4	Ci	7	·
Andover	1013.4	0	WNW	4	bc-	61	75	8	-	-	0	Ci	5	·
S. Farnborough	1012.8	0	W	2	c	65	75	7	-	-	0	Ci	7	·
London (Kew Obsy.)	1012.8	0	W'S	2	bc	66	65	8	-	-	0	Ci	5	·
Croydon	1013.1	+1	WNW	1	c	66	65	8	-	-	0	Ci	7	·
Clacton-on-Sea	1011.9	0	WSW	3	bc+	68	65	6	-	-	0	Ci	6	0
Shoeburyness	1012.4	0	WSW	2	bc	67	55	7	-	-	0	Ci	5	·
Grain	1012.5	+1	WSW	3	c+	65	65	8	-	-	0	Ci	8	0
Lympne	1013.3	+1	WSW	3	c+	59	85	8	-	-	0	Ci	8	·
Scilly (St. Mary's)	1016.2	0	W	2	o+	58	85	8	4000	St.Cu	9	-	9	2
Falmouth (Pendennis)	1015.3	-1	W	2	o+	60	75	8	4000	St.Cu	9	-	9	0
Plymouth (Cattewater)	1014.5	0	NNW	3	b	60	75	9	2500	St.	1	-	1	0
Portland Bill	1013.7	-2	SSW	2	b	61	75	7	-	-	0	-	0	3
Southampton (Calshot)	1013.5	0	SW'W	4	bc	61	85	8	-	-	0	Ci	5	0
Dungeness	1013.2	-1	SW	4	c+	60	92	8	-	-	0	CiCu	7	5
Jersey	1015.7	0	N	2	b	63	75	8	-	-	0	-	0	0
Guernsey	1015.2	-2	NW	1	b+	59	85	8	-	-	0	CiCu	1	0

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 13th								YESTERDAY.	YESTERDAY.	TO-DAY.
Kew } 24 hours ended 0700	18	bcbcy	bcyby	bcmof	*	*	40	-	-	10.3	*	*
Croydon } 24 hours ended 0700	244	bbcy	bcyc	cbmw	*	*	45	-	W	11.6	*	*
Greenwich (Royal Obsy.)	149	b	bc	bwcb	74	48	38	-	-	11.5	50	76
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	9.7	*	*
Westminster (St. James' Pk.)	27	*	*	*	8.4	52	45	-	-	10.5	53	77
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	*	*	*
Camden Square	110	bbcb	bbc	*	75	52	45	-	-	*	*	90
Kensington Palace	80	bc	bc	*	72	51	43	-	-	*	63 (At 18h.)	87
Hampstead Observatory	450	*	*	*	69	51	43	-	W	10.4	*	83

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 11th

South Kensington

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

Kew Observatory

Max.	Time.	Min.	Time.
0.4	20h. 11th	<0.3	3h. 12th
0.4	7h. 12th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 19 h. 30 m. to 13th 04 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9 0	08 16	92
δ Ursæ Minoris	9 0	08 04	90

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Rare ground frozen (but less than 2 ins. deep).
4=Rare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1200 and 1800 reports (Hour frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually > continuous layer).
9=Glazed roads (i.e. roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sect.	Strength.	Direc.
13h.	·	·	·	·
18h.	CC2	6	-	25
21h.	C	6	-	60
07h.	CC2	6		65

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

13th - 14th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.25 / 5.27	11.49 / 11.49	6.13 / 6.11
Greenwich	5.33 / 5.35	11.54 / 11.56	6.19 / 6.17
Wick	5.39 / 5.41	12.8 / 12.8	6.37 / 6.35
Valencia	6.13 / 6.15	12.37 / 12.37	7.1 / 6.59

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rz = continuous rain.

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

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

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

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

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

* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For scale see page 5.

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 12th	Weather. 13h.-18h. 12th	Weather. 18h. 12th to 1h. 13th	Weather. 1h.-7h. 13th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall. Day. 7h.-18h. mm.	Rainfall. Night. 18h.-7h. mm.	Rainfall. Precipitation began.	Rainfall. Precipitation began.	Sun 12th Hours.
Lerwick	bcpr	cpr	o	bc	53	42	•	5	0·2	L0800	L2100	3·9
Stornoway	p	oo	c	c	54	41	•	0·5	0·2	–	–	7·4
Wick	bclp	bcqq	cpqc	oo	57	40	•	05	1	0900	L2100	•
Castlebay	bcpbc	bc	ncb	bobo	55	46	•	Tr.	0·5	–		
Nairn	qprc	bcqgc	cq	cq	57	42	•	0·4	–	0900	–	6·3
Aberdeen	b	bqbc	bcb	bom	61	40	32	–	–	–	–	10·3
Malin Head	pco	c	bcco	bort	55	47	•	0·1	5	L0800	0330	0·9
Renfrew	orqq	oqop	cb	cofrr	57	38	30	0·3	2	L0800	0430	5·0
Edinburgh (Inchkeith)	c	c	bc	zz	55	46	43	–	0·2	–	0530	4·2
Leuchars	bcqy	cqbc	bcb	bwom	60	40	26	–	–	–	–	9·3
Eskdalemuir	orqcb	oco		ort	56	41	37	2	4	1330	0330	3·3
Tynemouth	c	c	bc	rrm	61	49	45	–	1	–	–	•
Blackrod Point	fm	p	r	p	55	48	•	7	16	–	–	•
Donaghadee	or	oo	o	omr	58	50	•	2	7	L0800	2400	•
Birr Castle	prco	crr	crco	co	59	52	45	1	2	1530	L2100	0·0
Holyhead	opr	orpr	orrom	oo	60	55	54	3	0·4	L0800	L2100	0·0
Liverpool (Sidston)	dr	oo	oo		62	54	52	4	–	L0800	–	0·7
Chester (Shotwick)	oprq	oo	ooc	ccwmc	65	51	46	Trace	–	L0800	–	0·4
Spurn Head	oo	oo	crroo	oo	63	53	•	–	0·4	–	L2100	0·1
Birmingham (Edgbaston)	o	oc	oc	coffe	65	49	47	–	–	–	–	0·4
Nottingham	oo	c	co	cm	64	51	48	–	–	–	–	0·2
Cranwell	co	oo	bcom	obcmf	66	49	45	–	–	–	–	4·4
Gorleston	bbcq	bcqc	b-bc	bbccm	70	53	48	–	–	–	–	8·6
Valencia (Cahirciveen)	omrd	oco	ood	ood	63	56	54	1	1	L0800	2200	0·6
Roches Point	oo	co	oe	dom	56	56	*	–	1	–	2200	*
Pembroke (St. Ann's H.)	b-bc	oo	opd	opd	59	53	•	–	0·3	–	0130	0·2
Ross-on-Wye	bccobc	bcco	cbwbco	om	66	48	42	–	–	–	–	5·6
Benson	c	c	bcb	ofe	69	46	37	–	–	–	–	•
Andover	cbccy	cybc	bcb	ofe	69	43	40	–	–	–	–	11·6
S. Farnborough	bcvy	cbcc	cofe	ofe	74	41	40	–	–	–	–	11·6
London (Kew Obsy.)	bcbcy	bcybybcbcbb		bcmwofm	70	49	40	–	–	–	–	10·3
Croydon	bbcy	bcyc	cbw	bcmw	71	50	45	–	tr	–	–	11·6
Clacton-on-Sea	bby3	bcy3	bcxb	bwzc	72	52	45	–	–	–	–	10·9
Shoeburyness	bby	b.bc	bc	bff	72	46	38	–	tr	–	–	11·0
Grain	bbcy	bcyc	cbcd	bmf	74	48	42	–	tr	–		11·2
Lympne	bm	by	cb	brcbm	71	50	39	–	tr	–	–	10·9
Scilly (St. Mary's)	bcbcc	c	o	om	64	55	•	–	–	–	–	5·9
Falmouth (Pendennis)	bc	bc	co	co	65	55	•	–	–	–	–	10·5
Plymouth (Cattewater)	b	b	bbcco	oo	66	55	*	–	–	–	–	11·2
Portland Bill	b-bc	b.bc	b-bc	b-bc	62	53	•	–	–	–	–	•
Southampton (Calshot)	b	b	bwbw	bwFF	65	51	46	–	–	–	–	11·8
Dungeness	b-bc	c	b-bc	frm	66	48	•	–	–	–	–	•
Jersey	offb	b	bw	bw	70	52	•	–	–	–	–	9·5
Guernsey	b.bc	bbc	mbrcb	mb	67	55	•	–	–	–	–	•

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	13th 1000	Cambria	SW	5	0	59	55
3	13th 0900	-	N'E	1	0	62	60

GENERAL INFERENCE.

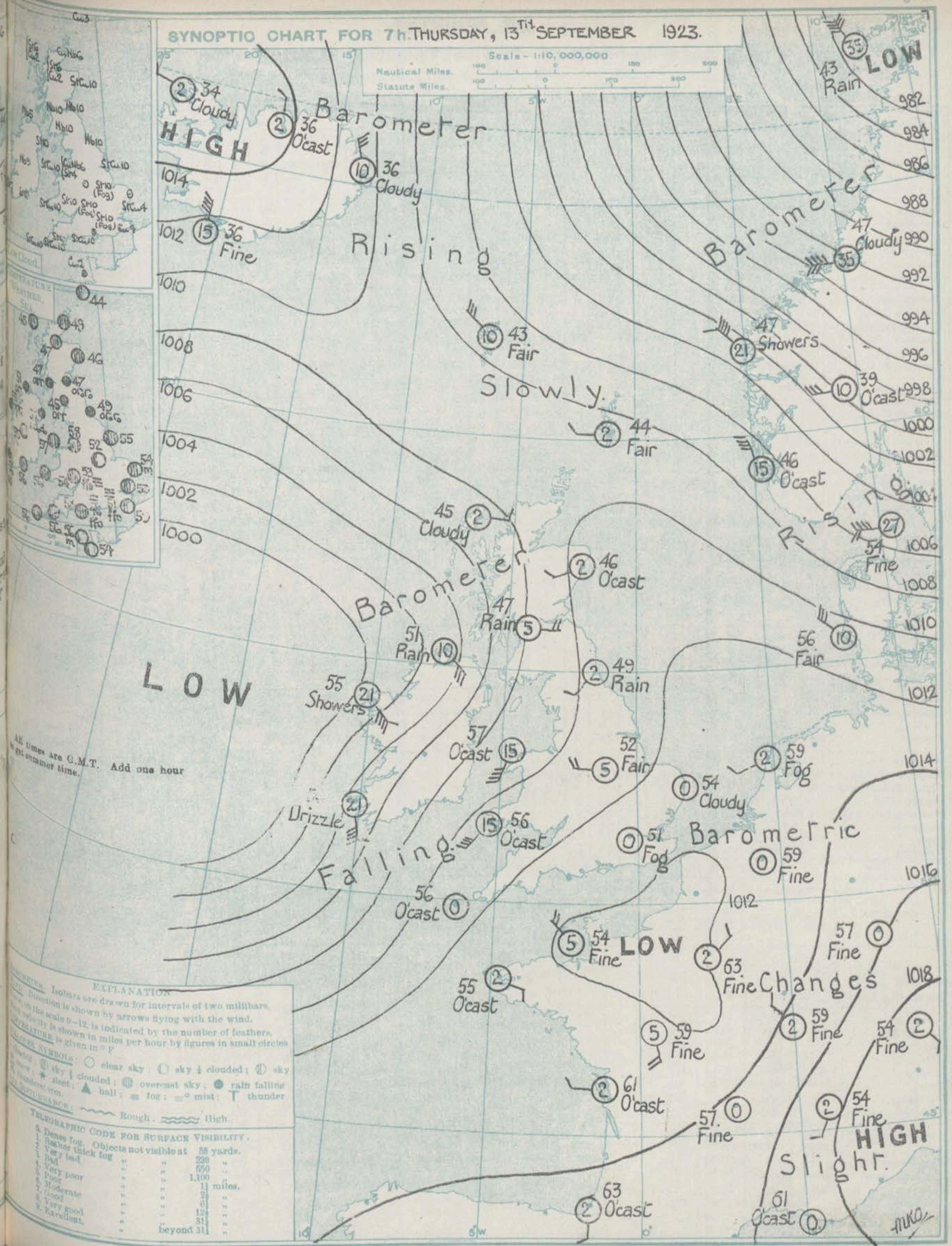
The depression west of Ireland is likely to become deeper and move slowly northeast. Rain is probable at times in all districts but in SE. England the weather will be fair at first and rather warm for the time of year.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 13th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light to moderate southerly winds, veering to S.W. later; fair at first, less settled later; visibility moderate; rather warm today, cooler tomorrow.	Unsettled. -------
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Freshening southerly wind, veering to W. or NW. later; cloudy, rain at times; visibility moderate; moderate temperature.	
9. N. Midlands 10. N.E. England 11. E. Scotland ✝	Freshening southerly winds, veering to SW. later; cloudy, intermittent rain; visibility moderate; moderate temperature.	✝ South Cone still flying. ----------
12. S.W. Scotland ✝ 13. Isle of Man	As 4 - 8.	
14. N.&N.W. Scotland ✝	Wind S. or SE., fresh to strong; dull, rain at times; visibility moderate; moderate temperature.	
15. Hebrides ✝	As 4 - 8.	
16. Orkneys and Shetlands ✝	As 14.	
17. N.W. Ireland ✝ 18. N.E. Ireland ✝ 19. S.E. Ireland 20. S.W. Ireland	Fresh to strong southerly wind, becoming W. to NW. later; rainy at first, showers and bright intervals later; visibility moderate, improving; moderate temperature.	

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

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

✝ For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday, 13th September 1923. No. 256.

Observations at 0100 G.M.T. 13th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1006·3	+7	WNW	2	0	45	75	6	-	-	0	a.St	10
Stornoway	51	1009·2	+2	-	0	b	•	•	5	•	•	•	•	•
Wick	81	1008·1	+3	W	1	c	44	92	8	2500	CuNb	7	-	7
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1008·4	-1	SE	3	0+	50	92	8	2500	St	10	-	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1009·2	+4	WSW	2	mb	47	92	6	-	St	1	-	1
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1011·0	+2	SW	1	0+	50	85	7	-	-	0	a.St	9
Blacksod Point ...	10	1006·3	-4	-	0	0PR	56	97	1	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1010·1	-1	S'W	3	0/r	56	97	5	800	St	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1012·1	+1	W	3	0	54	92	7	4000	StCu	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1012·8	+1	WSW	1	mmo	55	97	5	2500	St	10	-	10
Gorleston	13	1012·8	0	W	2	b	54	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1009·5	-3	SSW	3	odd	55	85	7	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1013·0	-1	SW	3	od	56	97	7	1500	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230		•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18		•	•	•	•	•	•	•	•	•	•	•	•
Croydon	244	1013·9	0	SSW	2	b	51	97	7	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1013·9	0	N'E	1	b	56	92	7	-	-	0	-	0
Scilly (St. Mary's) ...	131	1015·2	-1	W'S	1	0	57	85	8	4000	StCu	10	-	10
Falmouth (Pendennis)	200	1015·1	-1	-	0	0	56	85	8	4000	StCu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1014·4	0	NNE	1	b	54	85	7	-	-	0	-	0
Southampton (Ca. shot)	12	1013·9	-1	WNW	2	b	54	92	8	-	-	0	-	0
Dungeness	21	1013·6	0	WNW	1	b	52	97	7	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1014·5	-2	NW'W	2	mmb	56	97	6	-	-	0	-	0

Observations at 0700 G.M.T. 13th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	1008·9	+2	W	1	bc	44	85	8	4000	Cu	3	a.Cu	4	0
Stornoway	1007·7	0	E	1	c	45	92	7	800	St	8	-	8	0
Wick	1009·3	+1	WNW	1	0	49	92	8	2500	CuNb	6	Cu	9	0
Castlebay	1005·4	-4	E	4	0	51	85	8	1500	St	10	-	10	4
Nairn	1008·3	•	-	0	c	47	85	8	1500	St	8	-	8	•
Aberdeen	1010·2	+1	WSW	1	0	46	92	6	2500	StCu	10	-	10	0
Malin Head	1007·8	-6	SE	3	0/-	51	97	7	4000	Nb	5	a.St	10	4
Renfrew	1008·5	-2	E	2	0/r	47	97	3	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1009·5	+1	SSE	1	0/r	47	92	6	-	Nb	10	-	10	1
Leuchars	1009·4	0	-	0	0	43	97	6	7200	StCu	3	a.St	10	•
Eskdalemuir	1009·6	-2	NE	1	0/r	45	97	6	800	Nb	10	-	10	0
Tynemouth	1010·8	0	SW	1	0/r	49	97	5	800	Nb	10	-	10	4
Blacksod Point ...	1000·4	-3	SE'S	5	0pr	55	92	7	•	•	•	-	10	2
Donaghadee	1007·0	-1	SW	1	odd	55	97	7	1500	St	10	-	9	•
Birr Castle	1006·4	•	S	2	0	55	92	6	2500	Nb	9	-	10	3
Holyhead	1008·6	-1	SSW	4	0	57	97	7	4000	StCu	10	-	10	1
Liverpool (Bidston) ...	1009·3	-2	SSE	1	0	55	97	7	2500	St	7	a.St	10	+
Chester (Shotwick) ...	1009·6	-2	S'E	3	0+	56	92	7	4000	StCu	2	a.Cu	10	
Spurn Head	1011·4	0	SE'E	3	0	55	92	7	4000	StCu	10	-	10	2
Birmingham (Edgbaston)	1011·5	-1	S	2	FFo	51	97	1	450	St	10	-	10	•
Nottingham	1011·0	-1	W	1	bc	52	97	5	-	-	0	Ci	6	•
Cranwell	1012·0	-1	SSE	1	Fo-	51	97	1	2150	St	10	-	10	•
Gorleston	1012·8	0	-	0	mc-	54	92	4	-	-	0	Ci.Cu	3	0
Valencia (Cahirciveen)	1004·3	-4	S'E	4	od	56	92	7	800	St	7	a.St	10	4
Roches Point	1007·3	-3	SW	3	0	56	97	6	1500	St	10	-	10	3
Pembroke (St. Ann's H.)	1010·8	-2	SW'W	4	0	56	85	8	4000	StCu	10	-	10	4
Ross-on-Wye	1011·1	-2	SSE	1	off	54	97	7	1500	St	10	-	10	•
Benson...	1012·4	0	-	0	ffo	53	97	3	-	St	10			•
Andover	1012·7	-1	-	0	fo-	49	97	2	450	St	10	-	10	•
S. Farnborough ...	1012·7	-1	-	0	ffo	46	97	3	800	St	10	-	10	•
London (Kew Obsy.) ...	1012·6	0	-	0	ffo	51	92	2	800	St	10	-	3	•
Croydon	1013·1	0	-	0	b-	53	97	5	-	-	0	a.Cu		
Clacton-on-Sea ...	1012·7	0	ESE	1	c+	53	97	6	4000	StCu	4	Ci	7	0
Shoeburyness	1012·8	-1	-	0	fb-	53	85	3	-	-	0	Ci	3	•
Grain	1012·6	0	-	0	fb-	53	97	3	-	-	0	a.Cu	2	•
Lympne	1012·5	-2	ESE	2	b-	55	97	6	-	-	0			
Scilly (St. Mary's) ...	1011·9	-2	-	0	0	56	97	6	4000	StCu	10	-	10	2
Falmouth (Pendennis)	1011·8	-1	SW	3	0	56	85	8	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1012·3	-1	SSW	3	0	55	85	7	2500	St	10	-	10	0
Portland Bill	1012·1	-4	-	0	0+	58	85	7	4000	StCu	10	-	10	0
Southampton (Ca. shot)	1012·4	-1	NW	2	FFb	51	97	1	-	-	0	-	0	0
Dungeness	1012·5	-1	E	1	bc+	59	92	6	5700	Cu	4	-	4	1
Jersey	1011·9	0	NW	2	b	54	85	8	-	-	0	a.Cu	3	8
Guernsey	1012·6	-1	WNW	2	mmc	56	97	7	5700	Cu	3	-	3	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11th-12th	Temperature. Max. Day. 12th	Rainfall.† Night 17h.-9h. 11th-12th	Rainfall.† Day 9h.-17h. 12th	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th
			°F.	°F.	mm.	mm.	hr.	hr.
Montrose	bbe	bcev	51	60	1	-	8·3	1·5
Berwick-on-Tweed	r₀obc	bccog	50	57	0·1	-	4·0	5·3
Llandudno	r	c	56	63	9	3	1·7	9·0
Colwyn Bay ...	rc	bcc	56	64	10	-	2·0	9·9
Rhyl	r	bcc	56	65	7	3	2·1	9·8
Southport	oro	oco	55	62	3	0·4	1·4	9·2
Blackpool	or	ocor	56	63	4	1	1·8	7·8
Ilkley	omro	rd₀o	52	61	5	1	0·3	6·3
Harrogate	d	dedo	51	62	1	-	2·7	4·4
Skegness	b	bo	48	66	-	-	2·5	9·2
Aberystwyth ...	roc	o	53	60	1	-	0·3	12·0
Bath	ocbc	cbcbo	52	65	-	-	3·5	10·8
Leamington Spa ...	o	o	47	65	-	-	0·7	10·0
Lowestoft	bcob	bcbcco	49	71	-	-	8·6	5·8
Felixstowe	bz	bc	52	73	-	-	10·3	7·7
Southend	b	b	52	73	-	-	10·7	5·7

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11th-12th	Temperature. Max. Day. 12th	Rainfall.† Night 17h.-9h. 11th-12th	Rainfall.† Day 9h.-17h. 12th	Sunshine. Sunrise to 17h. 12th	Sunshine. Sunrise to Sunset. 11th
			°F.	°F.	mm.	mm.	hr.	hr.
Ilfracombe	oco	oco	55	61	-	-	0·5	10·4
Bude	ococr	o	55	64	-	-	1·8	10·3
Paignton	wb	b	46	73	-	-	10·8	10·2
Torquay	b	b	49	74	-	-	10·1	10·7
Weymouth	b	b	47	69	—	—	10·2	10·1
Bournemouth ...	b	b	45	69	-	-	10·5	9·4
Portsmouth (S'thsea)	b	b	50	69	-	-	10·8	8·1
Littlehampton ...	bc	bc	47	63	-	-	10·9	7·4
Worthing	b	b	48	64	-	-	10·7	7·0
Brighton	b	b	52	64	-	-	10·3	8·4
Eastbourne	b	b	57	65	-	-	10·6	8·3
Hastings	wb	b	54	67	0·1	-	10·6	8·4
Folkestone	bc	bc	54	67	-	-	10·3	8·9
Dover	bzb	b	56	65	-	-	10·7	5·4
Tunbridge Wells ...	b	b	46	73	-	-	10·9	7·8
Ramsgate	b	b	51	7[illegible]	-	-	11·1	7·6
Margate	b	b	53	75	-	-	11·2	5·8
Deal	b	b	52	72	-	-	11·3	

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22576 Friday 14th September 1923.

STATIONS. (For heights see p.4).	Observations at 1800 G.M.T. 13th: Barom. at M.S.L. m.b	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	State of ground.	Observations at 1800 G.M.T. 13th: Barom. at M.S.L. m.b	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	State 0-9
Lerwick	1010.7	+1	W	1	bc	51	65	8	4000	Cu	2	Ci	4	•	1010.6	0	SE	1	Ct	47	75	8	-	-	0	A.St	7	0
Stornoway	1004.2	-4	E	4	0+	52	75	7	800	St	10	•	10	•	997.4	-7	E	4	or.r	48	97	6	450	St.	10	-	10	3
Wick	1008.1	-3	ESE	3	0	50	75	8	1500	St	4	CiSt	10	•	1004.0	-6	ESE	4	orr	48	97	7	1500	St.	10	-	10	3
Castlebay	1000.0	-6	NE	5	orr	48	97	6	800	Nb	10	-	10	•	991.6	-10	ENE	5	or-	55	97	6	800	Nb	10	-	10	6
Lerwick	•	•	•	•	•	•	•	*	*	*	*	*	*	•	999.9	*	E	1	orr	49	92	7	2500	Nb	10	-	10	•
Aberdeen	1008.4	-3	SE	3	orr	50	97	6	1500	Nb	10	•	10	1	1003.2	-7	SE	4	orr	51	97	6	800	Nb	10	-	10	4
Malin Head	997.1	-6	SE	3	o/p	57	85	8	4000	Nb	8	ASt	10	•	991.6	-3	S	5	c/r	59	85	8	4000	Nb	8	-	8	3
Renfrew	1004.4	-5	E	2	orr	48	97	4	800	Nb	10	•	10	2	999.4	-6	SSE	4	orr	55	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1005.7	-5	E	2	orr	49	97	6	*	Nb	10	•	10	•	1001.1	-6	SSW	2	o/r	55	85	8	*	St.	10	-	10	1
Leuchars	1006.3	-5	ESE	3	orr	49	97	6	800	Nb	10	•	10	2	1001.2	-5	SE	2	o/r	52	97	6	450	Nb	4	A.St	10	•
Eskdalemuir	1003.7	-3	S	4	odd	53	92	6	800	Nb	10	•	10	2	1002.5	-4	S'E	4	o	53	92	7	800	St.	10	-	10	•
Tynemouth	1007.7	-3	S	1	o/r	54	97	6	800	St	10	•	10	•	1004.4	-2	S	1	o	58	92	5	800	St.	10	-	10	1
Blacksod Point	999.7	-5	SE	7	?	57	92	7	*	*	*	*	10	•	993.1	+1	WSW	8	mmd	55	85	7	*	-	-	-	10	8
Donaghadee	1002.5	-3	S	3	c-	57	85	8	800	St	7	•	7	•	999.5	-5	S	4	c	58	92	8	450	St.	8	-	8	5
Birr Castle	1000.5	*	SE	3	o	60	85	7	4000	Nb	9	•	9	•	997.4	0	SE	2	orr	59	92	7	2500	Nb	10	-	10	•
Holyhead	1006.3	-3	S	4	o	57	97	8	800	StCu	10	•	10	1	1002.6	-4	S'W	4	o	58	97	8	800	St.Cu	10	-	10	3
Liverpool (Bidston)	1006.9	-2	SSW	2	o	62	65	8	1500	CuNb	9	•	9	•	1004.5	-3	SE	3	c	58	85	7	2500	St.Cu	8	-	8	3
Chester (Shotwick)	1007.6	-2	S	3	o	62	75	8	1500	St	10	•	10	0	1005.0	-2	SSE	3	o-	59	85	8	1500	St.	10	-	10	•
Spurn Head	1009.5	-3	S	4	o	61	85	7	2500	StCu	10	-	10	•	1006.1	-3	SE	3	c	58	97	7	-	-	0	A.Cu	7	0
Birmingham (Edgbaston)	1009.5	-3	S	3	o	58	85	7	2500	CuNb	10	-	10	0	1007.8	-2	SSW	3	o+	58	75	6	4000	St.	10	-	10	•
Nottingham	1008.7	-4	SSW	3	o	62	75	7	2500	StCu	9	ACu	1	•	1006.4	-4	W	3	o+	60	75	6	2500	St.Cu	9	Ci.Cu	10	•
Cranwell	1010.2	-2	S'E	3	o	60	85	7	2500	St	10	•	10	0	1007.4	-2	SSW	2	o+	62	92	7	4000	St.Cu	9	-	9	•
Gorleston	1012.1	0	SE'S	2	b-	64	85	6	4000	Cu	3	•	3	•	1008.9	-3	SSE	1	Ct	61	92	6	-	-	0	A.Cu	8	0
Valencia (Cahirciveen)	1000.7	-2	S'W	5	o/r	58	92	7	800	St	8	ASt	10	1	1001.5	+2	W'S	4	Cpq	56	85	8	1500	St.Cu	7	-	7	4
Roches Point	1003.1	-4	S	6	o	58	97	6	800	St	10	•	10	•	1000.9	-3	SW	5	o	59	97	6	800	St.	10	-	10	6
Pembroke (St. Ann's H.)	1008.9	-2	SWW	5	c/p	57	97	7	1500	Nb	8	•	8	•	1005.6	-3	SW	6	o	58	92	8	1500	St.Cu	10	-	10	4
Ross-on-Wye	1009.5	-2	SSW	2	o	59	75	7	2500	St	10	•	10	0	1007.3	-2	SW'S	3	c	57	85	7	2500	St.	6	A.Cu	8	•
Benson	1009.6	-4	SSW	3	c-	68	75	8	*	Cu	5	Ci	7	0	1007.6	-3	SSW	3	o-	65	75	8	*	St.	9	-	9	•
Andover	1009.7	-3	SSW	2	bc-	67	65	8	4000	Cu	1	ACu	5	0	1008.5	-1	SW'W	4	o+	59	85	7	2500	St.Cu	10	-	10	•
S. Farnborough	1009.6	-3	S	2	bc/f	73	55	7	-	-	0	ACu	6	0	1008.0	-1	SW	4	bc	63	75	7	-	-	0	A.Cu	5	•
London (Kew Obsy.)	1009.6	-4	S	2	bc	70	55	7	-	-	0	ACu	6	0	1007.9	-2	SSW	2	b-	66	65	7	-	-	0	A.Cu	3	•
Croydon	1009.8	-4	S	2	b	73	55	7	-	-	0	ACu	1	0	1008.0	-1	SW'W	2	bc-	64	65	7	5700	St.Cu	4	-	4	•
Cleeton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.7	-2	E	2	bc	62	97	6	-	-	0	Ci.Cu	4	0
Aldeburgh	1010.3	-2	E	4	b	66	75	6	-	-	0	CiCu	2	•	1008.7	-3	S	1	b	62	85	7	-	-	0	Ci	1	•
Grain	1010.2	-4	ENE	4	b	64	85	7	-	-	0	ACu	2	0	1007.4	-3	S'W	3	b	68	55	8	-	-	0	A.St	2	
Lympne	1010.2	-3	S'E	3	b	69	45	6	-	-	0	-	0	0	1008.2	-1	SW	1	b	61	75	6	4000	Cu.Nb	1	-	1	•
Scilly (St. Mary's)	1009.0	-2	SW'S	4	o	60	85	8	4000	StCu	10	•	10	•	1005.0	-3	S	4	o	60	97	6	4000	St.Cu	10	-	10	4
Falmouth (Pendennis)	1009.8	-2	SSW	4	o	59	85	8	4000	StCu	10	•	10	•	1007.4	-3	SSW	4	o	58	92	7	4000	St.Cu	10	-	10	0
Plymouth (Cattewater)	1010.6	-3	SSW	3	o/p	58	75	8	1500	St	10	•	10	0	1008.5	-2	SSW	4	o-	57	92	7	800	St.	10	-	10	0
Portland Bill	1010.9	-2	SW	3	o	60	75	7	2500	StCu	10	•	10	•	1009.6	-2	SW	4	o	58	75	7	2500	St.Cu	10	-	10	0
Southampton (Calshot)	1010.4	-3	S'W	2	bc/m	65	75	7	-	-	0	ACu	5	5	1008.8	-1	WSW	3	o+	59	85	7	1500	St.	10	-	10	0
Dungeness	1010.6	-2	SE	1	b-	67	75	6	-	-	0	-	0	•	1008.5	-4	SW	1	b+	63	92	6	5700	Cu	1	-	1	1
Jersey	1011.0	0	WNW	2	o	63	75	8	4000	StCu	10	-	10	•	1010.2	0	W	2	o	59	85	8	4000	St.Cu	10	-	10	0
Guernsey	1011.9	-2	WNW	3	o	59	85	8	4000	StCu	10	-	10	*	1010.6	-3	W	2	c-	57	85	8	4000	St.Cu	8	-	8	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 14th								YESTERDAY.		TO-DAY.
Kew	18	0/wbc	bccb	boo	•	•	52	-	-	4.9	•	•
Croydon } 24 hours ended 0700	244	bcbwy	bcbey	bcow	•	•	51	-	-	9.0	•	•
Greenwich (Royal Obsy.)	149	b	bcb	bo	75	55	47	-	-	8.2	54	76
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4.9	•	•
Westminster (St. James' Pk.)	27	•	•	•	75	57	52	-	-	6.2	88	74
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	5.0	•	•
Camden Square	110	bzbc	cbcc	•	77	56	51	-	-	•	•	80
Kensington Palace	80	bc	bc	•	75	51	51	-	-	•	63 At 18h	82
Hampstead Observatory	450	•	•	•	74	55	48	-	-	7.1		83

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 13th.

South Kensington			
Max.	Time.	Min.	Time.
0.3	20h. 12th.	0.3	1h 13th.
1.0	9h. 13th.		

Kew Observatory			
Max.	Time.	Min.	Time.
0.4	20h. 12th.	<0.3	17h 12th.
0.5	8h. 13th.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 19 h. 30 m. to 14th 04 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	00 · 00	04·05	45
δ Ursæ Minoris	00 ·00	03·41	41

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Hard ground frozen (but less than 2 ins. deep).
4=Hard ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1200 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per ½ sec.	Strength.	Direc.
17h.	C_1C_2	6	-	145
18h.	C_1C_2	6	-	160
19h.	C	5	-	150
20h.	C_1C_2	6	-	95

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

14th–15th Sept., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·27	11·49	6·11
	5·28	11·48	6·9
Greenwich	5·35	11·56	6·17
	5·35	11·56	6·15
Wick	5·41	12·8	6·35
	5·43	12·7	6·32
Valencia	6·15	12·37	6·59
	6·16	12·36	6·57

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

A "solidus" divides actual existing weather from preceding conditions; thus:—bc/r = fair weather after rain; - = "decreasing"; + = "increasing"

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

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

SEA DISTURBANCE.

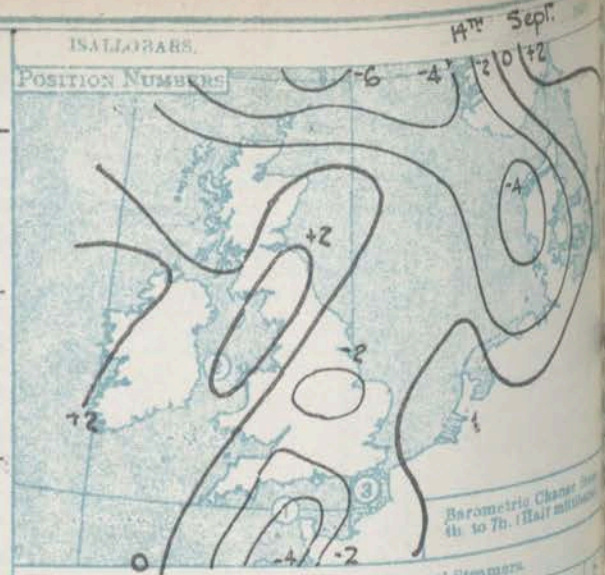
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	WEATHER. 13h.-18h. 13th	WEATHER. 18h. 13th to 1h. 14th	WEATHER. 1h.-7h. 14th	TEMPERATURE. Max. Day. 7h.-18h.	TEMPERATURE. Min. Night. 18h.-7h.	TEMPERATURE. Min. on Grass	RAINFALL. Day. 7h.-18h. mm.	RAINFALL. Night. 18h.-7h. mm.	RAINFALL. Precipitation began.	RAINFALL. Precipitation began.	SUN. 13th Hours.
Lerwick	bc	bc	omr	omr	54	45	•	-	7	-	L2100	10·0
Stornoway	c	r-d	r	p	53	48	•	2	12	-	-	1·7
Wick	oo	orr	o11m	r10	51	48	•	2	3	1330	L2100	•
Castlebay	orr	rr	11bco	oco	55	50	•	14	0·6	0900	-	0·0
Nairn	cmr	rmo	ircm	cbc	53	48	•	5	1	1100	L2100	0·2
Aberdeen	oor,rr	orrm	o11	110oc	51	51	50	8	4	1100	L2100	0·0
Malin Head	orrco	oir	cov	corbc	59	47	•	3	-	L0800	-	0·0
Renfrew	omrr	affrr	o11	omr	55	49	43	17	4	L0800	L2100	0·0
Edinburgh (Inchkeith)	irrr	rr	oo	cpd	55	51	48	8	0·1	L0800	2200	0·0
Leuchars	orrm	orrm	oir	oc	53	49	37	11	0·6	0900	L2100	0·0
Eskdalemuir	ordm	odmo	o1o1r	o110	54	48	47	8	9	L0800	L2100	0·0
Tynemouth	oirm	om	b-bcm	b-bcm	59	54	49	2	-	L0800	-	•
Blacksod Point ..	r-d	r-d	r	p	58	45	•	5	1	-	-	•
Donaghadee	od	oqd	omqd	bc	58	46	•	0·23	0·5	L0800	L2100	•
Birr Castle	co	ocprc	omrco	co	61	45	39	1	0·1	1630	L2100	0·0
Holyhead	oo	oo	oir iR	roc	59	50	45	-	4	-	L2100	0·0
Liverpool (Bidston) ...	oo	oo	r		63	51	51	-	3	-	0430	0·9
Chester (Shotwick) ...	oo	oo	obcor	oo11rdm	63	52	49	-	4	-	2400	0·2
Spurn Head	oo	c	oo	oo	64	55	•	-	-	-	-	5·3
Birmingham (Edgbaston)	oo	c	co	cbcc	61	54	51	-	-	-	-	1·2
Nottingham	c	c	oc	c	67	55	48	-	-	-	-	3·4
Cranwell	bfbcco	c	bco	omcoco	67	53	47	-	-	-	-	3·5
Gorleston	cmbc	bcc	bbcc	c	65	54	50	-	-	-	-	5·5
Valencia (Cahirciveen)	oidr	opc	bcp	opc	59	50	47	4	1	0900	2200	0·5
Roches Point	dom	oqm	obcb	bw	59	48	*	3	w	L0800	-	*
Pembroke (St. Ann's H.)	aqpd	oo	o1m	oo	59	53	•	0·4	5	1100	2400	0·0
Ross-on-Wye	oo	oc	og	oo	60	55	52	-	-	-	-	0·0
Benson...	oc	co	oo	ooir	70	56	53	-	0·5	-	0630	•
Andover	ofobc	bccp	oo	oopor	70	55	53	-	1	-	0530	4·2
S. Farnborough ...	opbcy	bcodc	bco	od	73	56	54	-	w	-	0530	5·2
London (Kew Obsy.) ...	ofwbc	bccb	boo	oo	73	56	52	-	-	-	-	4·9
Croydon	bcbmy	bcbcy	bcc	bcow	74	55	51	-	-	-	-	9·0
Clacton-on-Sea ...	cbcz	bcz	bczwc	c	65	56	53	-	-	-	-	8·3
Shoeburyness	b-bc	byb	bbcc	c	68	55	48	-	-	-	-	9·6
Grain	bmb	bby	bybo	oo	73	56	49	-	-	-	-	9·8
Lympne	bzy	byz	bom	ocom	70	54	50	-	-	-	-	10·6
Scilly (St. Mary's) ...	oo	ocm	comr	oc	63	51	•	-	6	-	2200	2·9
Falmouth (Pendennis)	co	co	copbc	bcco	59	54	•	-	3	-	0530	0·0
Plymouth (Cattewater)	oo	op	ord	ord	59	57	w	Trace	1	1530	L2100	0·0
Portland Bill	oo	oo	c	c	62	58	•	-	-	-	-	•
Southampton (Calshot)	cmbc	c	oo	oo	66	57	57	-	-	-	-	4·5
Dungeness	b-bc	b	c	p	69	58	•	-	w	-	0430	•
Jersey	bo	o	o	oco	66	58	•	-	-	-	-	6·3
Guernsey	c	c	cd	mc	62	56	•	-	w	-	2200	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	13th 1000	Cambria	SSW	5	0	65	57
1	13th 1100	Reindeer	NW	4	0	65	60
3	14th 0200	Dieppe	W	3	0	60	61

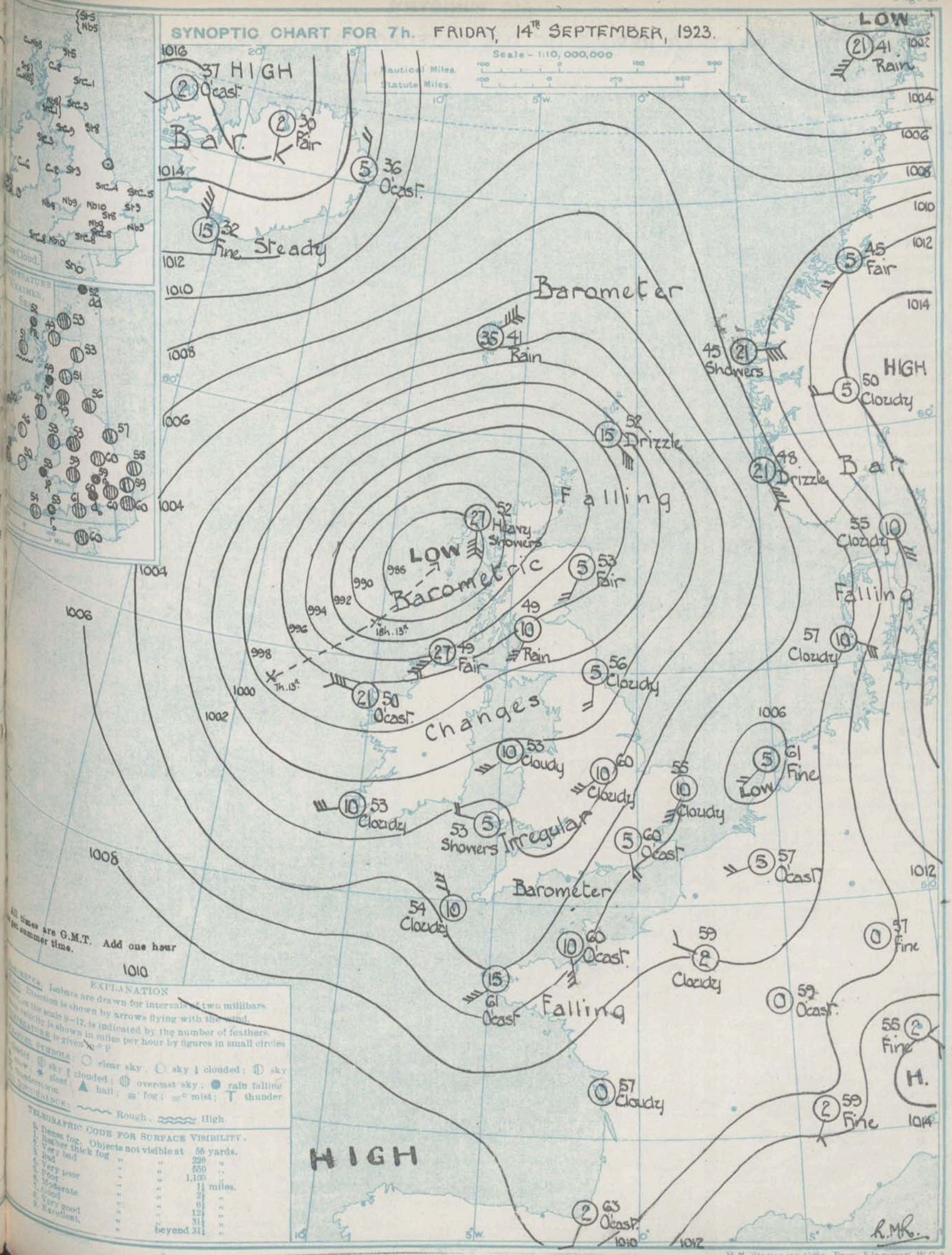
GENERAL INFERENCE.

The main depression off the Hebrides is likely to move slowly northeast to Scandinavia while a secondary over Cornwall will pass across Southern England to the North Sea. Rain or drizzle may be expected today in most places but tomorrow the weather is likely to be fair apart from a few local showers.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday 14th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind SW. veering to W. later, moderate; occasional rain or drizzle at first, then mainly fair; visibility moderate to good; moderate temperature.	Unsettled. -------
5. S.W. England 6. South Wales	Wind W. to NW., moderate; mainly fair, a few local showers; visibility good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind SW. to W. veering to NW., moderate or fresh; occasional rain, improving; visibility moderate to good; cool.	✝ South Cone still flying. -------
10. N.E. England 11. E. Scotland 12. S.W. Scotland	Wind SW. veering to W. later, moderate; occasional rain or drizzle at first, then mainly fair; visibility moderate to good; cool.	
13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	As 7 - 9.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind W. to NW., moderate; occasional showers, bright periods; visibility good; cool.	

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

✝ For Code see opposite page.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Friday 14th September 1923. No. 257.

Observations at 0100 G.M.T. 14th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1005·3	-6	SE	4	odt	47	92	6	4000	Nb	10	-	10
Stornoway	51	997·9	-7	SE	6	RR	•	•	6	•	•	•	•	•
Wick	81	994·7	-6	ESE	6	ott	53	97	6	800	St	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	992·0	0	S	5	c	51	92	8	4000	Nb	8	-	8
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	996·0	-4	SSW	3	0	56	85	8	-	St-Cu	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1000·0	-2	SW	2	b	55	92	6	-	-	0	-	0
Blacksod Point	10	995·6	0	W	5	opr	50	?	3	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	999·4	-1	WNW	4	ot+	54	97	7	800	Nb	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1003·3	-2	SSW	3	0	56	92	7	-	-	0	a-St	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1004·8	-4	S'W	3	0	55	92	6	4000	St-Cu	6	a-St	9
Gorleston	13	1006·2	-1	SW'W	2	o+	58	85	6	4000	St-Cu	9	-	9
Valencia (Cahirciveen)	30	1002·0	-1	SW	3	bcPR	53	92	7	-	St	4	-	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1001·7	-2	WNW	6	ott	59	97	6	450	Nb	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	188	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230		•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18		•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1007·4	-2	S'W	2	c	55	85	8	4000	St-Cu	7	-	7
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1007·6	-1	W'S	4	o	56	85	6	-	-	0	a-St	10
Scilly (St. Mary's)	131	1003·8	-2	WSW	3	0	57	97	7	4000	St-Cu	10	-	10
Falmouth (Pendennis)	200	1003·0	-3	SW	6	b	57	92	8	5700	Cu	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1005·5	-4	SSW	5	0	60	85	7	4000	St-Cu	10	-	10
Southampton (Calshot)	12	1007·0	-3	SW'S	4	0	60	92	8	2500	St	10	-	10
Dungeness	21	1007·8	-1	W	4	c+	59	85	8	-	-	0	a-St	7
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	?	-3	SSW	5	b	58	92	6	-	-	0	-	0

Observations at 0700 G.M.T. 14th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sunshine. Hours
Lerwick	997·3	-7	SE	4	odd	52	97	4	450	St	10	-	10	3
Stornoway	988·7	-1	S	6	cPR	52	85	7	1500	Cu-Nb	8	-	8	5
Wick	991·9	-1	SSW	4	o	53	85	8	800	St	5	Ci-St	9	4
Castlebay	987·3	0	S'W	7	c-	51	85	7	1500	St	8	-	8	7
Nairn	992·3	•	-	0	bc	49	85	8	4000	Cu	2	Ci-Cu	5	•
Aberdeen	995·8	0	SSW	2	bc-	53	85	7	2500	St-Cu	1	Ci-St	6	1
Malin Head	993·3	+1	SSW	6	bc	49	85	9	4000	Cu	4	-	4	4
Renfrew	996·4	0	SSW	3	ot	49	92	6	1500	Nb	9	-	9	•
Edinburgh (Inchkeith)	996·6	+2	SW	2	bc/t	51	85	6	-	St-Cu	3	Ci-Cu	6	1
Leuchars	996·5	+2	SW	2	c	51	85	7	4000	St-Cu	6	Ci	7	•
Eskdalemuir	998·0	0	SW	4	o-	49	85	6	1500	St-Cu	9	-	9	•
Tynemouth	998·8	-1	S	2	c+	56	97	6	800	St	8	-	8	1
Blacksod Point	996·8	+2	W'N	5	o	50	75	8	*	*	*	*	9	4
Donaghadee	998·7	+1	SW	3	bc-	47	92	8	2500	St-Cu	3	a-Cu	5	7
Birr Castle	999·7	•	SSE	1	bc-	46	97	6	2500	Cu	6	-	6	•
Holyhead	1000·3	+2	SW'W	3	c	53	85	8	2500	Cu	2	Ci-St	8	0
Liverpool (Bidston)	1000·4	+1	W'S	2	o/r	53	97	8	2500	St-Cu	10	-	10	3
Chester (Shotwick)	1000·3	+2	W	2	o/r	53	92	7	2500	St	10	-	10	•
Spurn Head	1002·1	-1	S	4	c-	57	92	8	-	-	0	a-Cu	7	2
Birmingham (Edgbaston)	1001·1	-2	SSE	4	c+	59	85	8	2500	Cu-Nb	8	-	8	•
Nottingham	1001·3	-2	SW	3	c	60	85	7	2500	St-Cu	4	Ci	7	•
Cranwell	1002·4	-2	S'E	4	o+	57	97	7	1500	St	10	-	10	•
Gorleston	1006·2	0	SSW	3	c	55	92	6	5700	St-Cu	5	a-St	8	1
Valencia (Cahirciveen)	1001·7	+1	W'S	3	c-	53	85	8	1500	St-Cu	7	-	7	4
Roches Point	1001·8	0	W	1	b	50	92	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1002·4	+1	WNW	2	ojp	53	85	8	1500	Nb	9	a-St	9	1
Ross-on-Wye	1001·6	-1	SW	3	o	59	85	8	2500	Nb	9	-	10	•
Benson	1003·2	0	SSW	4	ot+	59	92	6	-	Nb	10	-	10	•
Andover	1004·0	-1	S	4	odd	58	97	7	800	Nb	10	a-Cu	9	•
S. Farnborough	1004·7	-1	S	3	od	60	92	6	1500	Nb	8	a-St	10	•
London (Kew Obsy.)	1004·9	-1	S'E	2	o	60	85	7	1500	St	8	-	10	•
Croydon	1005·6	0	SSW	2	o	59	85	7	1500	St	10	-	10	•
Clacton-on-Sea	1005·9	+1	S	3	c+	59	85	6	2500	St	3	a-Cu	7	1
Shoeburyness	1005·7	-1	SW	2	c	59	85	7	-	-	0	Ci-Cu	8	•
Grain	1005·9	0	SSW	4	o	59	85	8	-	-	0	a-St	10	0
Lympne	1006·6	0	SSW	3	o	57	92	8	2500	St-Cu	5	a-St	10	•
Scilly (St. Mary's)	1003·6	0	NNW	3	c-	54	92	8	4000	St-Cu	8	-	8	4
Falmouth (Pendennis)	1002·8	0	W	3	ot	53	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	1002·3	-1	SSW	3	od	57	97	7	450	St	10	-	10	0
Portland Bill	1003·9	-2	SSW	5	c	61	85	7	2500	St-Cu	8	-	8	4
Southampton (Calshot)	1004·7	-2	S	5	o	61	92	7	2500	St-Cu	8	Ci	9	4
Dungeness	1006·7	-2	WSW	4	o/r	60	92	7	4000	Nb	3	Ci-St	10	0
Jersey	1005·8	-4	SSE	3	0	60	92	8	1500	St	10	Ci-Cu	10	0
Guernsey	1005·6	-1	S W	3	mo-	60	97	7	2500	St	8	-	9	3

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 12h.-13h. °F.	Temperature. Max. Day. 13th °F.	Rainfall.† Night 17h.-9h. 12th-13th mm.	Rainfall.† Day 9h.-17h. 13th mm.	Sunshine. Sunrise to 17h. 13th hr.	Sunshine. Sunrise to Sunset. 12th hr.
Montrose	omr	orfr	44	52	0·2	12	0·0	8·3
Berwick-on-Tweed	orfo	foom	44	56	2	3	0·0	4·0
Llandudno	o	occb	55	63	0·4	-	1·2	2·7
Colwyn Bay	bc	bc	55	62	-	-	2·1	2·0
Rhyl	c	co	54	62	-	-	0·[illegible]	2·1
Southport	oco	oco	54	62	6	-	0·5	1·4
Blackpool	oc	o	54	62	4	-	0·5	1·8
Ilkley	omcbc	bc	50	62	3	-	0·6	0·3
Harrogate	b	fbom	49	61	3	-	0·4	2·7
Skegness	m	mc	52	67	-	-	2·8	2·5
Aberystwyth	roc	o	55	60	1	-	0·0	0·3
Bath	oc	oc	55	65	-	-	0·9	3·5
Leamington Spa	oc	bo	47	66	-	-	4·2	0·7
Lowestoft	bbcb	bbcoc	52	65	-	-	6·7	8·6
Felixstowe	bczb	bm	51	65	-	-	8·3	10·9
Southend	b	b	52	72	-	-	9·0	11·2
Ilfracombe	om	o	55	60	1	-	0·0	0·5
Bude	doo	o	55	64	0·2	-	0·0	1·9
Paignton	o	o	52	60	-	-	0·0	11·4
Torquay	o	codco	54	60	-	-	0·0	11·2
Weymouth	o	o	50	65	-	-	0·1	11·1
Bournemouth	obo	o	45	66	-	-	3·7	12·2
Portsmouth (S'thsea)	b	bbc	52	67	-	-	8·4	11·5
Littlehampton	bm	bc	50	65	-	-	9·5	11·3
Worthing	b	b	50	65	-	-	10·1	11·4
Brighton	b	b	52	65	-	-	10·0	10·6
Eastbourne	cbcb	b	50	67	-	-	9·6	10·8
Hastings	bcb	b	54	67	-	-	10·3	10·7
Folkestone	b	b	52	70	-	-	9·6	10·4
Dover	bbcz	b	51	67	-	-	10·1	11·1
Tunbridge Wells	b	b	48	73	-	-	10·0	11·5
Ramsgate	bcb	bm	51	?	-	-	9·6	11·2
Margate	b	b	54	70	-	-	10·0	11·7
Deal	cbzb	bbz	50	69	-	-	9·7	11·5

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22577 Saturday, 15th September, 1923.

Observations at 1300 G.M.T. 14th

Stations. (For heights see p. 4).	Barom. at M.S.L. m.b	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	990.7	0	SSE	4	0m-	54	92	5	800	St	7	ACu	10	*
Stornoway	988.5	0	S	6	cPR-	53	75	7	1500	CuNb	8	-	8	*
Wick	993.8	+1	SE	4	bc-	57	75	8	5700	Cu	3	Ci	4	*
Castlebay	987.4	0	SSW	7	c	51	85	7	1500	CuNb	7	-	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	990.0	0	SW	4	b	60	65	7	2500	Cu	1	Ci	3	0
Malin Head	993.8	+0	SW	6	bc	53	75	9	4000	CuNb	5	-	5	*
Renfrew	987.6	0	SW	3	o-	54	75	8	2500	StCu	9	-	9	1
Edinburgh (Inchkeith)	996.4	+2	SW	4	bc	57	65	8	-	Cu	5	CiSt	6	*
Leuchars	996.7	0	SW	4	c	56	65	8	4000	StCu	8	-	8	0
Eskdalemuir	993.6	0	SW	5	c	54	65	8	4000	StCu	8	-	8	1
Tynemouth	999.1	0	SW	1	bc-	61	75	6	4000	Cu	3	CiCu	5	*
Blackwod Point	998.2	-0	W	5	bc-	54	65	9	*	*	*	*	6	*
Douglas	993.2	0	SW	3	bc-	58	85	8	1500	Cu	4	-	4	*
Burr Castle	993.9	*	SW	2	cPR-	51	85	8	4000	Cu	7	-	7	*
Holyhead	1000.7	-1	SW	3	bc	59	75	8	1500	Cu	2	ASt	5	1
Liverpool (Bidston)	1000.8	-1	W	2	o+	56	75	7	1500	CuNb	9	-	9	*
Chester (Shotwick)	1000.8	-1	NW	3	o+	59	75	8	2500	StCu	6	ACu	10	1
Spurn Head	1001.0	-0	NW	3	oPR-	62	97	7	1500	Nb	9	-	9	*
Birmingham (Edgbaston)	1001.0	-1	WSW	2	orr	55	97	3	2500	Nb	10	-	10	2
Nottingham	1000.7	-1	WSW	1	oR-	57	97	5	1500	St	10	-	10	*
Cranwell	1001.9	-1	SSW	4	orr	60	97	6	800	Nb	10	-	10	1
Gorleston	1004.7	-1	SSE	5	b-	65	75	7	4000	Cu	3	-	3	*
Valencia (Cahirciveen)	1002.6	+1	NW	3	c	55	75	9	2500	Cu	7	-	7	0
Roches Point	1003.3	0	NW	2	c	55	85	8	2500	CuNb	8	-	8	*
Pembroke (St. Ann's H.)	1002.9	-1	WS	3	bc-	58	75	8	4000	Cu	4	Ci	5	*
Ross-on-Wye	1001.5	-1	SW'W	1	o/r	56	92	8	2500	Nb	10	2	10	*
Weston	1001.0	-3	S	5	o	67	75	8	*	Cu	9	-	9	0
Andover	1001.6	-4	S	6	o/r	65	75	8	2500	StCu	10	-	10	1
S. Farnborough	1002.3	-4	SW	4	c	67	75	6	2500	Cu	8	-	8	0
London (Kew Obsy.)	1002.8	-3	S	4	c	68	65	8	1500	St	6	Ci	7	0
Croydon	1003.3	-4	SW	4	bc	68	65	8	2500	Cu	6	-	6	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldeburgh	1003.7	-4	S	3	c	69	65	7	4000	StCu	8	-	8	*
Gorleston	1004.4	-3	SW	4	c-	69	65	8	2500	Cu	7	-	7	0
Lympne	1004.3	-4	S	4	bc-	64	75	8	800	St	5	-	5	0
Scilly (St. Mary's)	1003.1	0	NW'W	2	bc	61	75	8	4000	StCu	5	-	5	*
Falmouth (Pendennis)	1002.8	0	W	2	c/r	57	75	8	5700	StCu	8	-	8	*
Plymouth (Cattewater)	1002.4	-1	NNW	1	oSo	54	92	7	1500	Nb	10	-	10	2
Portland Bill	1001.7	-4	S	5	oR	60	92	6	2500	Nb	10	-	10	*
Southampton (Calshot)	1002.8	-3	S	5	o	65	75	8	2500	StCu	9	ACu	10	0
Dungeness	1005.2	-1	WSW	4	bc-	66	65	7	4000	Cu	5	-	5	*
Jersey	1002.8	-3	SSE	4	o	65	92	8	4000	StCu	10	-	10	*
Guernsey	1002.7	-4	S	5	oR	61	97	7	4000	Nb	9	-	9	*

Observations at 1800 G.M.T. 14th

Stations.	Barom. at M.S.L. m.b	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	996.6	+1	S	1	bc	52	92	6	-	-	0	CiSt	5	0
Stornoway	987.9	-1	S	6	opc	52	75	7	450	St	10	-	10	3
Wick	993.7	0	SSW	4	b	54	75	8	4000	Cu	1	Ci	3	3
Castlebay	987.2	0	SSW	7	orr	51	97	6	800	Nb	10	-	10	8
Nairn	993.4	*	SSW	2	bc-	52	75	8	4000	Cu	4	-	4	*
Aberdeen	993.2	+1	SW	2	b.	54	75	7	-	-	0	CiSt	3	1
Malin Head	993.7	0	SW	6	bc	51	88	9	5700	Cu	8	-	8	4
Renfrew	997.2	0	SW	4	bc	53	75	7	4000	Cu	5	Ci	6	*
Edinburgh (Inchkeith)	997.1	+2	SW	3	c	55	65	8	*	Cu	3	CiSt	8	2
Leuchars	997.1	0	SW	3	bc	55	65	7	4000	StCu	3	Ci	6	*
Eskdalemuir	999.8	0	SSW	3	c	50	75	8	4000	StCu	4	Ci	7	*
Tynemouth	999.9	0	SW	1	c-	57	75	6	-	-	0	CiSt	8	1
Blackwod Point	998.8	+1	W'N	5	ov	50	75	9	*	*	*	*	10	4
Douglas	998.9	0	W	2	b-	56	65	8	1500	Cu	3	-	3	2
Burr Castle	1000.1	*	SW	2	bc	54	65	7	4000	StCu	6	-	6	*
Holyhead	1000.4	-1	SSW	3	o+	55	85	9	4000	StCu	7	ASt	9	3
Liverpool (Bidston)	1000.4	0	W	1	bc	55	92	8	2500	Cu	3	ASt	6	2
Chester (Shotwick)	1000.2	0	NNW	2	o-	55	75	8	2500	StCu	9	-	9	*
Spurn Head	1000.1	+1	NNE	2	or-	55	97	6	1500	Nb	10	-	10	1
Birmingham (Edgbaston)	1001.1	0	WSW	2	or+	54	85	4	1500	Nb	10	-	10	*
Nottingham	1000.1	0	SW	2	odd	56	97	5	1500	Nb	10	-	10	*
Cranwell	1000.6	-1	-	0	o/r	54	97	6	1500	StCu	10	-	10	*
Gorleston	1002.4	-2	S	4	b-	61	85	6	-	-	0	CiCu	3	4
Valencia (Cahirciveen)	1003.3	+1	NW'W	4	cv	53	75	9	2500	StCu	7	-	7	3
Roches Point	1001.8	0	NW	3	bc-	55	92	8	4000	CuNb	3	ACu	5	0
Pembroke (St. Ann's H.)	1002.4	0	WSW	3	bc	56	75	8	4000	Cu	6	-	6	4
Ross-on-Wye	1001.1	0	WNW	1	or-	54	92	8	2500	Nb	10	-	10	*
Weston	1000.1	-1	-	0	oRR	67	97	9	*	Nb	10	-	10	*
Andover	1000.6	-2	-	0	orr	56	97	6	800	Nb	7	ASt	10	*
S. Farnborough	1000.6	-2	SSE	3	orr	61	97	5	800	Nb	10	-	10	*
London (Kew Obsy.)	1000.4	-3	SSE	2	o	64	75	8	1500	St	8	ACu	9	*
Croydon	1001.2	-4	SE	2	c+	62	75	8	2500	StCu	7	Ci	8	*
Clacton-on-Sea	1002.3	-2	SSE	4	bc	63	85	7	2500	Cu	2	Ci	5	1
Aldeburgh	1002.1	-2	S	1	bc+	62	75	8	-	-	0	Ci	5	*
Gorleston	1001.9	-3	SE	3	c	64	75	7	-	-	0	CiSt	8	0
Lympne	1002.7	-2	SE	3	c	60	85	7	4000	CuNb	1	Ci	8	*
Scilly (St. Mary's)	1003.8	0	W'N	2	bc	57	85	8	4000	CuNb	2	CiCu	4	2
Falmouth (Pendennis)	1002.4	0	W	3	bc	58	65	8	5700	Cu	4	-	4	0
Plymouth (Cattewater)	1001.8	0	WNW	3	c	57	75	8	4000	StCu	6	Ci	7	0
Portland Bill	1000.5	-4	NW	4	o/r	57	85	7	2500	Nb	10	-	10	4
Southampton (Calshot)	1000.3	-2	S'E	4	o/Hr	60	92	7	1500	Nb	8	ASt	10	0
Dungeness	1002.5	-4	S	2	bc+	63	85	7	-	-	0	CiCu	6	4
Jersey	1001.6	0	W	4	orr	60	92	7	1500	Nb	10	-	10	4
Guernsey	1002.6	+1	WNW	4	orr	56	97	8	4000	Nb	10	-	10	0

‡ The barometric change is expressed in half millibars. § For code see page 3.

London Observations

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 Hours ended 0900 G.M.T. 15th						Yesterday.			To-day.	
Kew	18	occ	oco	orzoz	*	*	46	-	5	4.6	*	*
Croydon (24 hours ended 0700)	244	ocbc	bcoc	oRro	*	*	44	-	5	4.4	*	*
Greenwich (Royal Obsy.)	143	c	co	orb	71	50	41	-	5	5.8	68	68
Oxley (Bushill Row)	80	*	*	*	*	*	*	*	*	4.4	*	*
Westminster (St. James' Pk.)	27	*	*	*	75	50	45	-	5	4.8	48	69
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	4.1	*	*
Camden Square	110	bcco	co	*	70	51	46	-	3	*	*	73
Kensington Palace	80	obc	oc	*	70	56	45	-	3	*	77 (At 18h.)	70
Hampstead Observatory	450	*	*	*	67	49	43	2	1	4.8		80

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.
0.3	13h 19m	<0.3	14h 1h
0.3	14h 7m		

Pole Star Record at Greenwich Obsy.

Exposure from 14th 19h. 30m. to 15th 04h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.00	0.0	0
δ Ursae Minoris	9.00	0.0	0

Code for state of ground.

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

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per sec.	Strength.	Direc.
13h.	CC2	6	-	150°
18h.	CC2	6	-	160°
0h.	C	6	-	190°
07h.	CC2	6	-	25°

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

15th-16th Sept. 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.28	11.48	6.9
	5.30	11.48	6.6
Greenwich	5.36	11.55	6.15
	5.38	11.55	6.12
Wick	5.43	12.7	6.32
	5.45	12.7	6.29
Valencia	6.16	12.36	6.37
	6.18	12.36	6.54

Beaufort Notation of Weather

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
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_o = slight rain.
rr = continuous rain.

Symbols.
= { less than (for cloud height). { before (for precipitation).
= solar halo. = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain / = "decreasing"; · = "increasing"

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

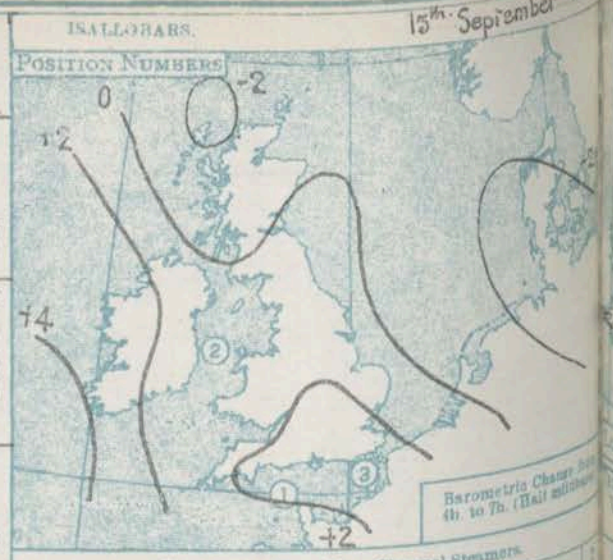
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

For explanation see Introduction. * Information for these columns not usually received.

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. Night. 18h.-7h. mm.	RAINFALL. Precipitation began.	RAINFALL. Precipitation began.	CAT. 14th Hours. 3.6
Lerwick	om	bc	b	bc	55	50	•	0.5	–	L0800	–	2.3
Stornoway	p	p	p	p	54	49	•	2	1	–	–	3.3
Wick	b-bc	b.bc	b-bc	b-bc	58	50	•	–	–	–	–	•
Castlebay	ocopc	cporm	ormop	op	52	47	•	0.1	1	1730	–	2.5
Nairn	bcq	bcqb	bbcq	bcc	58	48	•	–	–	–	–	6.7
Aberdeen	bcb	bcb	b	bbcc	60	46	41	–	–	–	–	8.7
Malin Head	p.bcv	p.bcq	bcorb	r.PR	55	47	•	Trace	1	0900	22.00	8.0
Renfrew	omo	ocbcq	bcbw	bbcow	57	48	30	Trace	–	L0800	–	5.9
Edinburgh (Inchkeith)	c	c	b-bc	c	58	47	44	–	–	–	–	8.2
Leuchars	c	c	bcbb	bwo	61	41	24	–	–	–	–	8.8
Eskdalemuir	c	c	cbc	bcco	56	36	30	–	–	–	–	6.9
Tynemouth	cm	om	om	oo	61	49	45	–	–	–	–	•
Blacksod Point ...	p	c	p	p	57	44	•	0.3	3	–	–	•
Donaghadee	b-bc	bc	bc	c	60	41	•	–	–	–	–	•
Birr Castle	copre	co	co	copr.	57	41	33	2	0.2	1100	06.30	9.3
Holyhead	cbc	bccov	ocpbb	bcov	59	48	44	–	Trace	–	–	10.3
Liverpool (Bidston) ...	ocbc	cbc		bc	58	48	42	–	–	–	–	5.4
Chester (Shotwick) ...	occo	o	ocbcb	bccc	60	38	33	–	–	–	–	3.0
Spurn Head	oo	p	oRr	orrbc	63	49	•	15	16	1230	<2100	4.1
Birmingham (Edgbaston)	omr	orr	orrc	ocb	60	44	33	12	2	L0800	<2100	0.1
Nottingham	corr	mRR	dolr	f-m r.	62	47	40	19	5	0900	<2100	0.6
Cranwell	cor	r.d	rr	orcm	64	46	42	9	9	0930	<2100	1.2
Gorleston	cqbcq	bcq3	bbccp	oprd	68	56	54	–	2	–	2400	6.5
Valencia (Cahirciveen)	cpc	bbcc	or	cqbir	56	47	43	Trace	9	–	2100	9.0
Roches Point	bccp	cpbc	bcb	bo	59	46	•	0.2	–	1230	–	•
Pembroke (St. Ann's H.)	c	c	orlpr	obclo	58	50	•	–	4	–	2400	8.6
Ross-on-Wye	r.drr	olr	orbcc	rmbff	59	42	36	10	1	L0800	<2100	0.0
Benson...	r.o	or	Ror	ocbcb	67	45	36	8	14	1330	<2100	•
Andover	orso	oRR	rrmo	ocbw	67	43	36	12	1	L0800	<2100	6.0
S. Farnborough ...	oc	oprr	iR	oirobm	68	48	43	0.4	7	1100	<2100	4.4
London (Kew Obsy.) ...	occ	oco	orcorc	cbm	69	52	46	–	5	–	<2100	4.6
Croydon	ocbc	bcoc	oRr.	or.bm	68	49	44	–	5	–	<2100	4.7
Clacton-on-Sea ...	cbc	bc	bc	bcorc	66	54	53	–	1	–	03.30	6.8
Shoeburyness	b-bc	bbc	bcc	oRcbm	71	52	49	–	3	–	2400	6.6
Grain	oo	cybc	coRc	obcm	69	50	48	–	3	–	2200	6.1
Lympne	ocbc	bc	cbobw	bocmp	65	51	47	–	0.5	–	2400	6.3
Scilly (St. Mary's) ...	cbc	bc	bcqp	bcpq	62	46	•	–	2	–	<2100	8.0
Falmouth (Pendennis)	mrco	bc	bc	bc	61	49	•	1	–	1630	–	3.7
Plymouth (Cattewater)	orr	orc	cb	bbc	60	42	•	9	–	L0800	–	1.7
Portland Bill	c	r.d	b-bc	b-bc	65	54	•	11	–	1230	–	•
Southampton (Calshot)	oo	omlr	oo	bcbcbwb	66	47	44	6	0.4	1530	<2100	4.3
Dungeness	c	bbc	p	cpr	67	54	•	–	1	–	–	–
Jersey	obco	oRRo	op	opo	67	51	•	13	4	1430	<2100	1.3
Guernsey	bcrc	orro	olr	c	62	51	•	6	2	–	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	14th 1000	Cambria	SSW	4	b	55	56
1	14th 1100	"Ibex"	?	5	c-	60	60
3	15th 0300	"Brighton"	WNW	5	pr	63	61

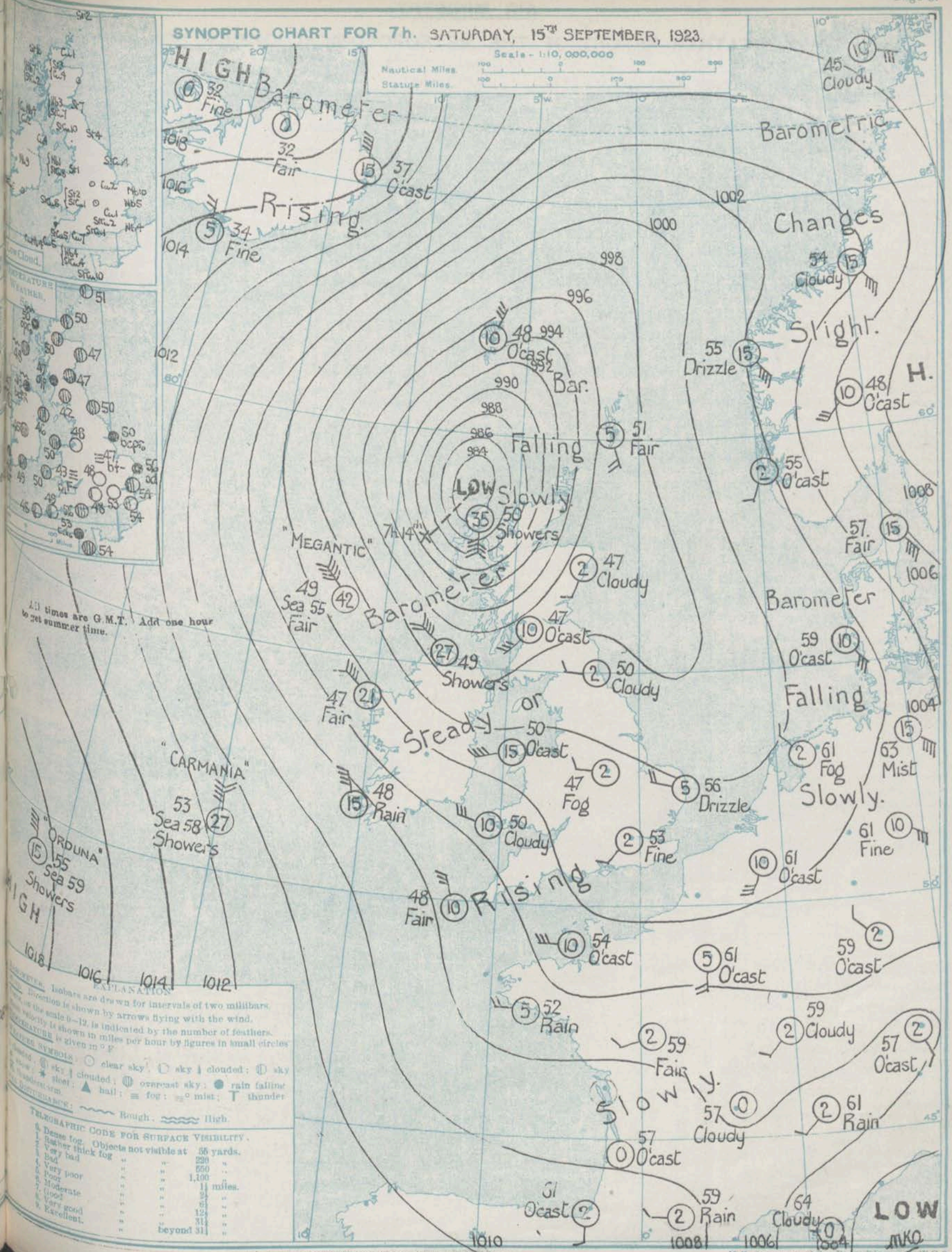
GENERAL INFERENCE.

The deep depression centre near Stornoway will move slowly northeastward and winds will be from a point between West and North. Some local showers are probable but sunny periods will predominate in most districts. Slight ground frost is probable inland at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 15th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind W. to N.W. light or moderate; mainly fair but some local showers of thundery type; morning mist inland; cooler than of late, slight ground frost inland at night.	Unsettled. -----
9. N. Midlands 10. N.E. England	Wind westerly light; cloudy, some thundery showers; visibility good apart from morning mist; cool.	
11. E. Scotland	Wind S.W. moderate or fresh; cloudy some showers; visibility good; cool.	
12. S.W. Scotland 13. Isle of Man	Wind westerly moderate to strong; cloudy, some thundery showers; visibility good; cool.	South Cone still flying
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind southerly veering W. to N.W., strong to a gale; showery; visibility good; cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.W. strong; showery; visibility good; rather cool.	

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

* For Code see opposite page.


SYNOPTIC CHART FOR 7h. SATURDAY, 15TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Barometer
Rising.
Baromettric
Changes
Slight.
H.
Falling
Slowly
LOW
Showers
"MEGANTIC"
Barometer
Falling
Slowly.
Steady
or
Rising
"CARMANIA"
"ORDUNA"
HIGH
LOW
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Velocity is shown in miles per hour by figures in small circles.
Temperature is given in ° F.
Weather symbols: clear sky; sky clouded; sky overcast; rain falling; snow; sleet; hail; fog; mist; thunder.
Barometric Tendency: Rough. High.
Telegraphic Code for Surface Visibility.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1 mile.
5. Poor " " 2 "
6. Moderate " " 6 "
7. Good " " 12 "
8. Very good " " 31 "
9. Excellent. " beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Saturday, 15th September 1923. No. 258.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 15th: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 15th: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun
Lerwick	54	9978	0	SSE	1	b	51	85	6	-	-	0	ASr	1	997·7	-1	SSE	2	bc	51	92	6	1500	Sr	2	Acu	6	1
Stornoway	51	988·3	-2	S	8	PR	•	•	5	•	•	•	•	•	9845	-2	S	7	ob	50	92	6	450	Sr	10	-	10	6
Wick	81	9939	-1	SSW	4	b	51	85	8	-	-	0	CuSr	2	9932	0	S	4	bc+	50	85	8	5700	Cu	1	Ci	9	6
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	993	992	+1	WNW	5	ob	48	92	7	1500	Nb	9	-	9	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	9923	?	WSW	2	c+	50	85	8	1500	Cu	7	-	7	0
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	9970	0	SSW	1	c+	47	85	6	-	-	0	ASr	8	6
Malin Head	71	9959	+2	W	6	bc/r	49	92	8	4000	Nb	6	-	6	9974	+2	NW	6	bcR	49	85	8	4000	CuNb	6	-	6	•
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	9969	0	SW	3	o/p	47	92	6	1500	StCu	10	-	10	2
Edinburgh (Inchkeith)	190	9982	0	SSW	3	b	49	85	8	-	-	0	-	0	9964	0	SW	3	b+	47	85	8	•	Sr	7	ASr	9	•
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	9968	-1	W	1	o	44	85	7	4000	Sr	2	ASr	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	9989	-1	SW	3	o	42	92	7	1500	StCu	10	-	10	1
Tynemouth	118	9998	-1	-	0	0	51	85	6	-	-	0	ASr	10	9995	0	W	1	c-	50	85	5	1500	Sr	4	ACu	8	6
Blacksod Point	10	10012	+1	WNW	5	0	50	75	3	•	•	•	•	10	10026	+3	NW	5	bc-	47	75	8	•	•	•	CuSr	8	0
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	9998	0	N	1	c+	46	97	8	1500	Cu	4	-	9	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	10035	•	W	2	o+	45	97	6	2500	Nb	9	-	9	3
Holyhead	26	10003	0	W'N	4	b	53	85	8	-	-	0	-	0	10007	+1	W'S	4	ov-	50	92	9	2500	StCu	9	-	1	2
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	10005	+1	SW'W	2	b-	48	92	7	1500	Sr	1	-	3	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	10007	0	SW	1	b-	47	97	7	4000	StCu	3	-	•	•
Spurn Head	26	9994	-1	-	0	oRR	55	97	6	2500	Nb	10	-	10	9998	+1	NW	3	bcp	50	97	8	4000	StCu	4	ACu	6	2
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	10013	+1	WSW	2	b	47	92	7	4000	StCu	1	-	1	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	10001	+2	W	1	fb-	47	97	2	-	-	0	-	0	•
Cranwell	237	10002	-1	N	3	ocr	50	97	6	800	Nb	10	-	10	10008	+2	W'S	1	fbc	48	97	3	4000	Cu	2	ACu	6	0
Gorleston	13	10014	-1	SW	2	c-	60	92	7	2500	CuNb	8	-	8	10007	0	W'N	2	~~or~~ or	56	~~75~~ 92	6	4000	Nb	10	-	10	4
Valencia (Cahirciveen)	30	10043	-1	SW	5	oRR	51	85	8	-	Sr	10	-	10	10067	+4	N'W	4	or	48	85	8	2500	StCu	5	ASr	10	0
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	10043	+1	WNW	3	o	49	92	8	-	-	0	ASr	8	3
Pembroke (St. Ann's H.)	149	10025	0	N	2	oRR	51	85	8	1500	Nb	10	-	10	10030	+1	WNW	3	c	50	75	8	4000	StCu	8	-	8	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	10018	0	-	0	fb-	43	97	1	<150	Sr	3	-	3	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•	10012	+1	-	0	b/r	48	97	7	-	-	0	-	0	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•	10023	+1	W	1	b-	46	97	8	4000	StCu	1	-	1	•
S. Farnborough	230		•	•	•	•	•	•	•	•	•	•	•	•	10018	+2	-	0	b+	48	97	5	-	StCu	2	-	2	•
London (Kew Obsy.)	18		•	•	•	•	56	•	•	•	•	•	•	•	10019	+2	SW	1	b	53	92	6	2500	Cu	1	-	1	•
Croydon	244	10005	-1	W'S	2	or	55	92	7	1500	Nb	8	ASr	10	10018	+2	W'S	2	b	51	92	6	1500	Cu	1	-	1	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	10007	+2	WNW	3	c-	54	97	6	1500	Nb	5	ACu	8	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	10013	+2	WN	1	nb-	53	85	6	5700	Cu	1	ACu	3	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	10017	+2	W'S	3	bc-	52	85	6	5700	StCu	4	-	4	•
Lympne	350	10006	-2	SW	3	b	56	97	7	-	-	0	ASr	2	10015	+3	NW	3	c-	53	97	6	1500	Sr	7	CuSr	8	•
Scilly (St. Mary's)	131	10040	0	W'N	3	bcpc	52	92	8	4000	CuNb	3	-	3	10042	+1	NNW	3	bc	48	92	8	4000	CuNb	4	-	4	4
Falmouth (Pendennis)	200	10033	0	W	3	b-	50	92	8	5700	Cu	1	-	1	10052	+2	WNW	2	bc+	49	85	8	5700	Cu	5	-	5	0
Plymouth (Cattewater)	82	• 3	•	•	•	•	•	•	•	•	•	•	•	•	10028	+2	N	2	bc	48	92	8	4000	StCu	5	ACu	6	3
Portland Bill	19	10029	0	NW	3	b	54	75	7	-	-	0	-	0	10012	0	NW	3	c+	56	65	7	4000	Cu	7	-	7	0
Southampton (Calshot)	12	10017	0	W	3	o-	53	92	7	1500	Nb	9	-	9	10024	+1	WNW	2	b	49	~~92~~ 85	8	4000	StCu	1	-	1	2
Dungeness	21	10010	-2	SSW	2	cbr	59	97	8	5700	CuNb	7	-	7	10014	-1	NW	2	bc/r	54	92	8	2500	Nb	4	Ci	6	3
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•	10030	0	W	3	o/r	54	85	8	4000	StCu	10	-	10	3
Guernsey	—	10035	0	WNW	2	b+	53	85	6	4000	Sr	1	-	1	10031	0	W	3	cp	53	85	8	4000	StCu	8	-	8	3

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 13th-14th °F.	Temperature. Max. Day. 14th °F.	Rainfall.† Night 17h.-9h. 13th-14th mm.	Rainfall.† Day 9h.-17h. 14th mm.	Sunshine. Sunrise to 17h. 14th hr.	Sunshine. Sunrise to Sunset. 13th hr.
Montrose	bbc	bccm	51	59	3	-	8·4	0·0
Berwick-on-Tweed	rbcbc	bcbcz	53	59	0·4	-	6·7	0·0
Llandudno	cbc	coc	52	59	3	-	4·7	1·3
Colwyn Bay	c	bc	51	60	7	-	5·2	2·8
Rhyl	bcc	c	52	61	2	-	3·2	0·2
Southport	ocbcc	cbcco	52	59	2	-	4·0	0·5
Blackpool	orc	bcc	52	61	2	-	5·5	0·5
Ilkley	opbcc	c	49	61	1	0·3	2·5	0·6
Harrogate	obc	bcro	51	60	1	1	2·1	0·4
Skegness	c	c	55	69	-	Trace	4·4	2·8
Aberystwyth	rcc	b	53	59	8	-	3·0	0·0
Bath	or	or	57	61	2	9	0·0	0·9
Leamington Spa	odr	or	55	62	-	10	0·4	4·2
Lowestoft	ocb	b	54	66	-	-	6·4	6·7
Felixstowe	obcb	b	55	66	-	-	6·8	8·3
Southend	oc	bcb	53	71	-	-	6·7	9·2
Ilfracombe	od	odc	54	58	6	0·1	0·8	0·0
Bude	ro roc	oec	53	60	4	0·2	2·1	0·1
Paignton	or	ordbc	57	59	10	4	0·0	0·0
Torquay	r	robc	58	60	7	7	0·2	0·0
Weymouth	or	r	55	64	-	22	0·1	0·1
Bournemouth	oo	or	57	65	-	6	0·5	3·7
Portsmouth (S'thsea)	oc cb	bcoro	58	67	Trace	Trace	3·8	8·5
Littlehampton	ocbc	bc	57	64	-	-	4·6	9·6
Worthing	cbc	bcc	57	65	-	-	4·4	10·2
Brighton	oobc	c	51	65	-	-	3·8	10·0
Eastbourne	ocbc	bc	57	66	-	-	5·9	10·8
Hastings	ocbcb	bbc	56	66	-	-	5·7	10·1
Folkestone	bc	bc	57	70	-	-	6·1	10·5
Dover	bbcco	bcbbc	58	65	-	-	6·9	10·6
Tunbridge Wells	oc	bccbc	55	68	-	-	4·1	10·1
Ramsgate	bcb	b	56	*	-	-	6·7	10·7
Margate	cbc	bc	56	68	-	-	5·8	10·5
Deal	o	bcbb	56	68	-	-	5·7	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22578 Sunday, 16th September 1923.

Observations at 1800 G.M.T. 15th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	998·1	0	SSE	2	0	53	85	7	-	-	0	a·St	10	•
Stornoway	986·4	+2	SSW	4	o|r%	53	92	6	450	St	10	-	10	•
Wick	993·0	0	S	4	b	53	85	8	4000	Cu	2	-	2	•
Castlebay	994·6	+1	WNW	5	o|r%	49	97	7	1500	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*							•
Aberdeen	995·5	-2	SSW	4	b-	57	75	7	2500	Cu	2	-	2	0
Malin Head	999·4	+1	WNW	6	o|r	49	92	8	4000	Nb	5	a·St	10	•
Renfrew	997·7	+1	WSW	4	c|pr%	53	85	8	4000	CuNb	8	-	8	1
Edinburgh (Inchkeith)	996·7	-1	WSW	3	0	54	65	8	-	Cu	9	-	9	•
Leuchars	996·7	0	SW	3	c|p	54	75	8	4000	Nb	7	-	7	0
Eskdalemuir	998·6	0	SW'W	4	o|pr%	51	75	8	1500	StCu	9	-	9	1
Tynemouth	999·1	0	SW	2	bc	59	65	7	4000	Cu	5	-	5	•
Blacksod Point	1005·4	+1	NW	6	bc	52	75	8	*	*	*	*	6	•
Donaghadee	1001·5	0	W	3	o|r	55	97	8	1500	St	9	-	9	•
Birr Castle	1004·9	*	NW	3	CPR	48	92	8	4000	CuNb	7	-	7	•
Holyhead	1001·8	+1	WNW	3	c|r	53	85	8	2500	Cu	7	-	7	1
Liverpool (Bidston)	1001·1	-1	W	3	b	54	75	9	2500	StCu	3	-	3	•
Chester (Shotwick)	1001·4	0	NW	4	o|r	56	75	8	2500	Cu	8	a·Cu	9	0
Spurn Head	1001·8	0	NW	2	c|p	58	75	6	4000	CuNb	8	-	8	•
Birmingham (Edgbaston)	1002·0	0	WSW	2	o|r	53	75	6	2500	Nb	10	-	10	2
Nottingham	1000·9	0	WNW	3	o|r	46	65	7	7200	StCu	10	-	10	•
Cranwell	1001·4	0	W	2	c	58	85	7	1500	Cu	3	a·Cu	7	0
Gorleston	1002·4	+1	NE'N	2	c-	61	85	7	4000	Cu	7	-	7	•
Valencia (Cahirciveen)	1009·2	+3	NNW	4	bc	50	85	9	2500	StCu	6	-	6	1
Roches Point	1006·1	+1	NW	4	bc|pr	53	85	8	2500	CuNb	5	-	5	•
Pembroke (St. Ann's H.)	1004·2	+1	NW	4	c	52	75	8	4000	Cu	8	-	8	•
Ross-on-Wye	1002·2	+1	SW'S	2	0	57	75	9	4000	Cu	8	ci	9	1
Benson	1002·4	0	W	3	o|r	55	85	8	-	CuNb	10	-	10	2
Andover	1002·9	+1	SW'W	3	o|r	53	75	9	4000	StCu	5	a·St	10	1
S. Farnborough	1003·1	0	S'W	3	OR-	55	85	5	800	Nb	10	-	10	1
London (Kew Obsy.)	1002·3	0	SW	2	o|r	59	65	7	2500	Nb	7	a·St	10	1
Croydon	1002·5	0	SW'W	2	o|r	60	65	8	2500	StCu	8	a·St	10	0
Cleeton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1002·5	0	SW'W	2	c	65	45	6	4000	Cu	4	ci	7	*
Grain	1002·6	0	SW	2	o|r	64	45	8	4000	StCu	8	ci	9	0
Lympne	1003·1	+1	SW	4	c	61	65	8	4000	Cu	5	a·St	8	0
Scilly (St. Mary's)	1007·1	+3	NW	4	bcPR	53	92	8	4000	CuNb	4	-	4	•
Falmouth (Pendennis)	1005·2	0	W	4	bcd	54	75	8	5700	Cu	6	-	6	•
Plymouth (Cattewater)	1004·4	+1	NW	3	c|pr	57	65	8	2500	CuNb	7	-	7	0
Portland Bill	1007·7	+2	NW	2	c	56	65	7	2500	StCu	8	-	8	•
Southampton (Calshot)	1003·4	+1	S'E	3	o|r-	54	85	8	800	Nb	10	-	10	2
Dungeness	1003·1	+2	W	4	c	63	65	8	4000	Cu	3	ciCu	7	•
Jersey	1006·0	0	W	3	o|r	57	75	8	4000	StCu	10	-	10	•
Guernsey	1005·4	+1	W	3	c-	53	75	8	5700	Cu	6	a·Cu	7	*

Observations at 1800 G.M.T. 15th

STATIONS.	Barom. at M.S.L. m.b	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	997·8	0	SSE	2	c+	51	92	7	2500	St	4	a·St	7	1
Stornoway	989·6	+3	N	4	o|r%	50	92	6	450	St	10	-	10	1
Wick	993·0	0	SW	4	b	52	85	9	5700	Cu	3	-	3	3
Castlebay	996·4	+2	NNW	3	oPR	50	97	6	800	Nb	10	-	10	4
Nairn	993·4	*·	WSW	2	b-	51	75	9	4000	Cu	3	-	3	•
Aberdeen	996·5	+2	SW	2	b-	54	75	7	4000	StCu	1	-	1	0
Malin Head	1000·0	+1	WNW	6	cPR	49	92	8	4000	CuNb	6	ciCu	8	6
Renfrew	998·9	+2	WSW	2	b	50	75	8	4000	StCu	2	-	2	•
Edinburgh (Inchkeith)	998·0	+2	SW	4	b-	52	75	8	-	Cu	2	-	2	2
Leuchars	997·6	+2	SW	3	b	51	75	8	4000	Cu	1	-	1	•
Eskdalemuir	1000·2	+2	WSW	4	bc-	47	75	8	2500	StCu	6	-	6	•
Tynemouth	1000·3	+2	W	1	bc	55	75	6	4000	Cu	3	a·Cu	5	6
Blacksod Point	1007·2	+1	WNW	6	bc	47	75	8	*	*	*·	*	6	7
Donaghadee	1007·7	+1	W	2	bc-	50	92	8	1500	CuNb	6	-	6	2
Birr Castle	1005·9	*	W	2	c+	51	75	7	4000	StCu	8	-	8	•
Holyhead	1003·4	+3	WNW	3	c|r	52	85	8	2500	Cu	6	a·Cu	7	3
Liverpool (Bidston)	1002·7	+2	W	3	c|r	49	92	9	1500	StCu	7	-	7	3
Chester (Shotwick)	1003·0	+2	W	3	o|r	50	85	8	1500	Nb	9	-	9	•
Spurn Head	1001·8	+1	SW	2	o+	56	75	6	4000	Nb	4	a·St	10	1
Birmingham (Edgbaston)	1003·0	0	S	2	cPL	52	75	8	2500	CuNb	7	-	7	•
Nottingham	1002·0	+2	SSW	1	c-	51	85	6	2500	StCu	9	-	9	•
Cranwell	1002·6	+2	SW'S	4	o|r	51	97	6	1500	Nb	10	-	10	•
Gorleston	1003·5	+1	S'W	3	o|pr%	58	85	6	4000	Nb	10	-	10	1
Valencia (Cahirciveen)	1010·8	+3	NW'N	5	c|pr%	50	75	9	2500	StCu	5	a·Cu	7	3
Roches Point	1007·9	+3	WNW	3	oc	52	75	8	4000	CuNb	1	ciSt	7	0
Pembroke (St. Ann's H.)	1006·7	+1	W'N	5	cPH	47	85	7	2500	Nb	8	-	8	4
Ross-on-Wye	1004·1	+3	W'S	2	bc-	51	75	9	4000	CuNb	5	-	5	•
Benson	1004·1	+3	SW	1	b-	53	75	8	-	Cu	2	-	2	•
Andover	1004·5	+2	SW'W	3	b-	52	75	8	2500	Cu	2	-	2	•
S. Farnborough	1004·2	+2	SW	2	bc-	52	92	7	2500	CuNb	4	-	4	•
London (Kew Obsy.)	1004·6	+2	SSW	2	bc|r	55	85	7	2500	Nb	3	aSt	6	•
Croydon	1004·7	+3	SW'S	2	c|r	52	92	7	2500	StCu	7	-	7	•
Cleeton-on-Sea	1003·5	+1	WNW	2	c-	55	85	7	2500	Cu	7	-	7	0
Shoeburyness	1004·3	+3	W'N	2	c+	54	75	6	4000	Cu	6	a·St	8	•
Grain	1004·6	+3	WSW	3	c-	53	75	8	4000	StCu	7	-	7	0
Lympne	1005·3	+3	W'S	4	bc	52	85	8	4000	Cu	3	a·St	5	•
Scilly (St. Mary's)	1008·1	+2	NW	5	c|pr%	52	85	8	4000	CuNb	7	-	7	5
Falmouth (Pendennis)	1009·1	+4	WNW	3	bc|r	52	85	8	5700	Cu	6	-	6	0
Plymouth (Cattewater)	1006·8	+3	WNW	4	b+	53	75	8	2500	CuNb	3	-	3	0
Portland Bill	1004·5	+2	WSW	3	b-	56	65	7	2500	Cu	2	-	2	4
Southampton (Calshot)	1005·4	+3	SW'W	3	b-	53	85	8	1500	CuNb	3	-	3	0
Dungeness	1004·8	+2	W	4	c+	57	75	8	5700	Cu	6	ciCu	8	4
Jersey	1006·4	0	W	3	b	56	75	8	-	-	0	a·Cu	3	3
Guernsey	1007·4	+3	W'N	3	bc	53	75	9	4000	Cu	6	-	6	3

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 15th								YESTERDAY.		TO-DAY.
Kew (24 hours ended 0700)	18	bmbcod	ocrbc	bcmb	*	*	32	1	-	5·1	*	*
Croydon (24 hours ended 0700)	244	bcom	ocrc	cb	*	*	38	2	-	5·9	*	*
Greenwich (Royal Obsy.)	149	bcc	cor	cbcb	65	41	31	3	-	5·9	91	74
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	5·1	*	*
Westminster (St. James' Pk.)	27	*	*	*	63	42	36	7	-	5·7		
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	4·9	*	*
Camden Square	110			*						*	*	
Kensington Palace	80	bcor	or	*	63	42	36	4	-	*	86 (At 18h)	74
Hampstead Observatory	450	*	*	*	62	44	37	7	-	5·2		

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 14th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

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

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

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Snowing to-day in 1200 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc. °
12m.	CC2	6	-	110
19h.	CC2	6	-	150
21h.	CC2	6	-	130
23h.	CC2	6	-	135

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

16th - 17th Sept. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·30	11·43	6·9
	5·31	11·48	6·6
Greenwich	5·38	11·55	6·12
	5·39	11·55	6·10
Wick	5·45	12·7	6·29
	5·47	12·7	6·26
Valencia	6·18	12·36	6·54
	6·19	12·36	6·52

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

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

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

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

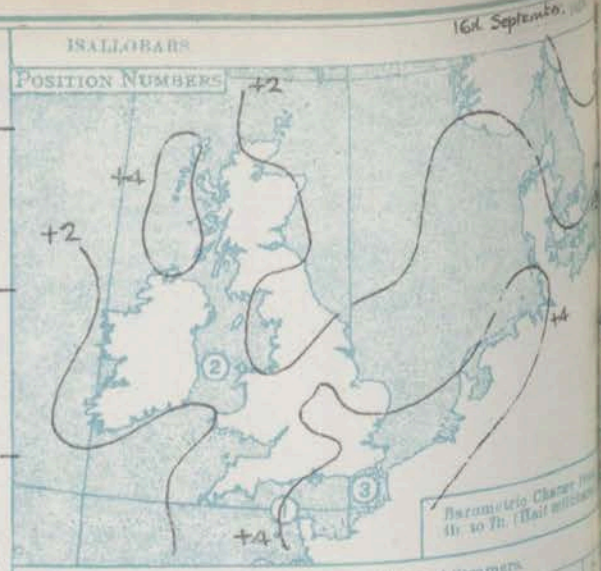
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 15th	18h.-18h. 15th	18h. 15th to 1h. 16th	1h.-7h. 16th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	Hours. 15th
Lerwick	o	c	c	bc	55	49	•	–	–	–	–	1·6
Stornoway	p	p	r-d	p	56	46	•	1	5	–	–	1·7
Wick	b-bc	b-bc	b-bc	bcoir	56	48	•	–	1	–	04·30	•
Castlebay	op	oP	oPcp	opc	51	46	•	5	2	–	–	0·0
Nairn	cqbc	bcqb	bbccg	prcg	58	47	•	–	10	–	–	9·4
Aberdeen	cocb	b	b	cpro	58	44	40	–	1	–	04·30	9·3
Malin Head	coir	coPR	coir	coPR	50	47	•	2	3	∠0800	<2100	1·8
Renfrew	opbcc	cvb	bcp.b	bcpbc	57	46	40	0·4	0·2	∠0800	02·30	9·5
Edinburgh (Inchkeith)	c	cbc	b	b	55	47	44	–	–	–	–	6·5
Leuchars	obcc	cbcbb	bb	bbw	58	42	36	–	–	–	–	7·9
Eskdalemuir	ocopc	opccpbc	bcbbc	corocp	53	37	33	1	2	1100	03·30	3·1
Tynemouth	b-bc	b-bc	b-bc	b-bc m	60	42	38	–	–	–	–	•
Blacksod Point	c	p	p	c	54	43	•	1	1	–	–	•
Donaghadee	c	cp	b	bcp	55	42	•	1	0·5	∠0800	03·30	•
Birr Castle	coPR	cpir.		co	54	41	33	1	~~1·0~~	∠0800	–	5·4
Holyhead	oirpc	cpr	ocbq	orr	55	48	46	1	0·5	∠0800	04·30	4·6
Liverpool (Bidston)	b-bc	r		p	56	44	41	5	3	1530	<2100	6·7
Chester (Shotwick)	bbco	copr.r	or.cbbm	bxwmbc	60	37	30	1	Trace	1530	<2100	5·5
Spurn Head	c	c	orirrcd	bbw	59	45	•	tr	4	∠0800	<2100	6·3
Birmingham (Edgbaston)	bcRp	cbct	ctirbc	bcb	56	39	35	0·4	0·2	1100	<2100	4·1
Nottingham	cfb	op.	cprlb	b-bc	60	39	34	0·1	0·4	1730	<2100	4·0
Cranwell	c	or.r.	b-bc	b	62	41	38	0·3	1	1730	<2100	4·8
Gorleston	od.oc	cop.	bcb	b	62	~~58~~ 41		1	1	∠0800	<2100	5·1
Valencia (Cahirciveen)	bphq	cop.	b	copbc	54	47	40	5	0·2	∠0800	02·30	6·9
Roches Point	ocp	cpc	bcb	bw	55	43	•	60·6	Trace	1230	–	•
Pembroke (St. Ann's H.)	cp.	ophr	c	cqp	54	47	•	3	1	∠0800	<2100	4·4
Ross-on-Wye	bccovcv	pcbcv	bvbl	bw	60	40	32	0·1	–	1330	–	4·8
Benson	bbcop	pcb	bb	bbw	60	36	27	0·4	0·1	–	–	•
Andover	bor.o	opr.b	bb	bxb	59	33	29	0·1	–	1100	–	4·8
S. Farnborough	bcoir	oirobc	bcb	bxw	64	34	32	5	–	0900	–	5·0
London (Kew Obsy.)	bmbcor	orrbc	bcmmb	bbW	61	42	32	1	–	1330	–	5·1
Croydon	bcom	or.r.	cb	bw	63	43	38	2	–	1330	–	5·9
Clacton-on-Sea	cbcc	cbccp	cbc	bcb	64	45	42	2	–	1530	–	6·1
Shoeburyness	b-bc	p	cbcb	bm	66	42	37	tr	–	1230	–	5·8
Grain	bzbco	oqp.c	cbcbm	bm	65	41	36	tr	–	–	–	6·4
Lympne	cybcc	bcpo	bcb	bfm	63	38	30	tr	Trace	1530	–	8·6
Scilly (St. Mary's)	bcqp	bccqp	bc	bc	58	48	•	2	–	∠0800	–	7·5
Falmouth (Pendennis)	bcp	bcpbc	bcr	bcrbc	58	46	•	tr	Trace	1330	2400	8·8
Plymouth (Cattewater)	bccp	cbcopb	b	b	58	40	•	1	–	1100	–	6·0
Portland Bill	c	b-bc	b-bc	b-bc	59	52	•	–	–	–	–	•
Southampton (Calshot)	orr	or.cbc	b	bw	58	43	40	4	–	1100	–	5·6
Dungeness	c	c	b-bc	b-bc	64	41	•	–	–	–	–	•
Jersey	opo	obcb	b	bopbc	60	46	•	1	3	0900	0430	4·2
Guernsey	oirir	c	bc	bc	58	50	•	5	Trace	∠0800	03·30	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	15th 10.00	"Anglia"	W	4	c	51	55
1	15th 11.00	"Reindeer"	NW	5	c/r	53	59
3	16th 03.00	"Dieppe"	W'N	4	f'k	54	60

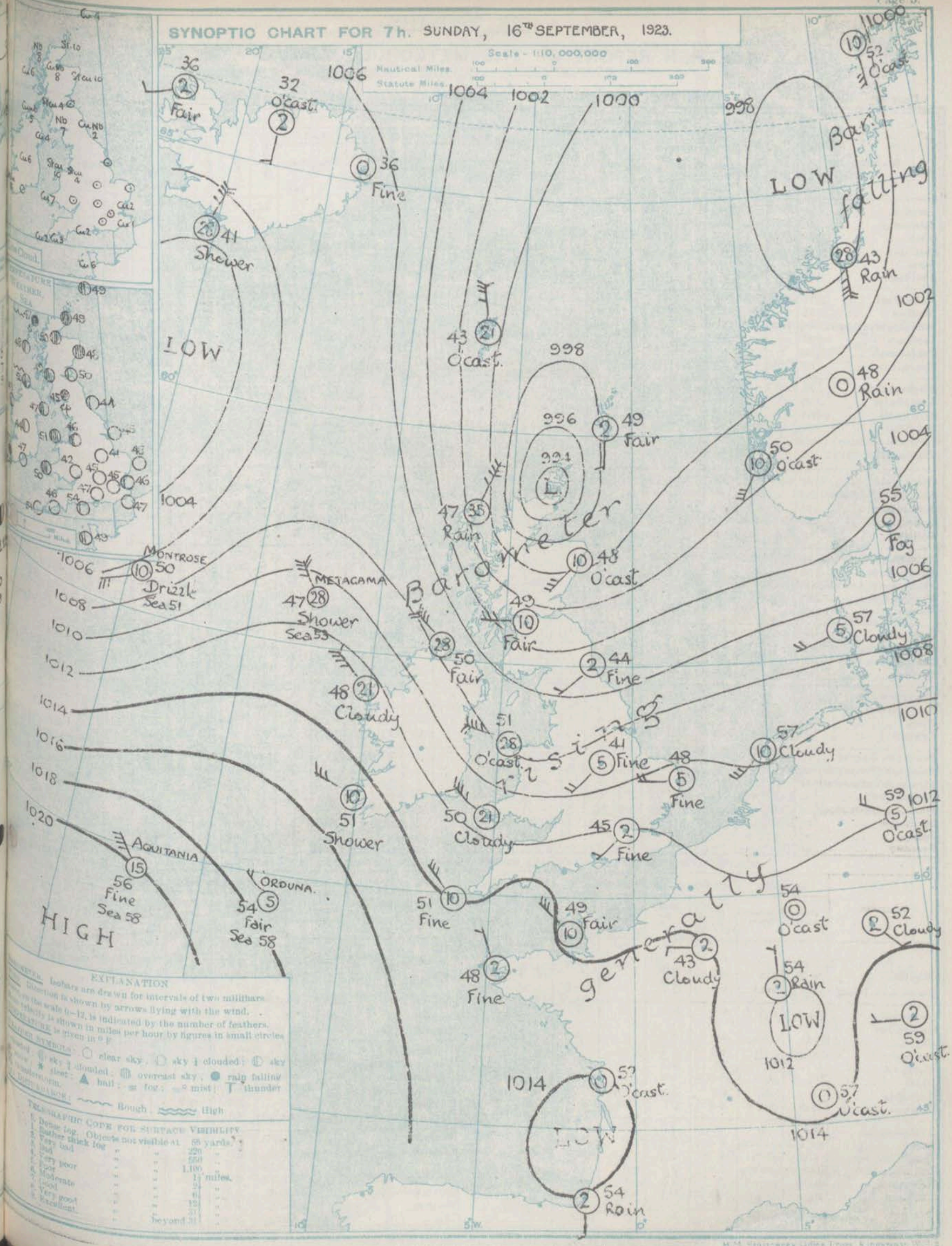
GENERAL INFERENCE.

The depression over the Orkneys is moving away slowly the North Sea and an interval with West to Northwest winds wi bright but showery weather is probable. A new depression to the South of Iceland will cause winds to back to S.W. and a renewal of rainy conditions in the North probably tonight.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Sunday, 16th September, 1923	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light to moderate westerly winds. Mainly fair but risk of showers. Good visibility apart from slight morning mist. Moderate day temperature. Slight ground frost at night.	None issued. ---
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Fresh N.W. wind decreasing temporarily then freshening from S.W. Bright and showery at first, cloudy with perhaps rain later. Good visibility. Cool.	✝ South Cone still flying. ---
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides ✝ 16. Orkneys and Shetlands 17. N.W. Ireland ✝ 18. N.E. Ireland	Fresh to strong N.W. wind backing to S.W. later. Bright and showery at first. Cloudy with rain later. Good visibility. Cool.	
19. S.E. Ireland 20. S.W. Ireland	Moderate westerly wind. Fair at first, cloudy later. Moderate temperature.	

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

✝ For Cone see opposite page.


SYNOPTIC CHART FOR 7h. SUNDAY, 16TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
LOW
LOW
LOW
HIGH
Barometer falling generally
Barometer rising
MONTROSE
METAGAMA
AQUITANIA
ORDUNA
EXPLANATION
TELEGRAPHIC CODE FOR SURFACE VISIBILITY

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Sunday 16th September 1923. No. 259.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 16th: Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 16th: Barom. at M.S.L. m.b	Change in 3 Hours.*	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	0-8
Lerwick	54	998·4	0	SSW	1	bc-	50	97	7	2500	St	2	ASt	4	998·1	0	S	1	bc	49	85	7	4000	Cu	4	–	4	0
Stornoway	51	998·0	+6	NW	4	ro	•	•	5	•	•	•	•	•	1000·5	+4	NNE	7	cr	47	92	6	450	Nb	8	–	8	6
Wick	81	993·2	−1	SW	4	bcr	50	92	9	5700	Cu	5	–	5	993·8	+1	W	2	o/r	49	97	8	800	St	10	–	10	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·5	+4	NW	4	bc	48	85	8	1500	Cu	6	–	6	8
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	998·5	•	W	2	c+	50	85	8	1500	CuNb	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	998·7	+2	SW	3	o	48	97	8	4000	StCu	10	–	10	0
Malin Head	71	1002·8	+5	NW	6	bcr	52	92	8	4000	Nb	10	–	10	1007·1	+4	NW	6	bc/r	50	85	8	5700	CuNb	5	–	5	6
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·2	+3	W	3	bc	49	85	8	4000	StCu	4	–	4	4
Edinburgh (Inchkeith)	190	999·1	+1	SW	4	bv	47	92	9	–	–	0	–	0	1000·8	+3	SW	5	b+	50	85	7	–	–	0	ACu	3	3
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1000·2	+3	SW	3	b	48	92	8	7200	StCu	2	–	2	2
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·0	+1	WSW	4	cbr.	45	97	6	800	Nb	7	–	7	0
Tynemouth	118	1003·2	+2	W	1	b	43	92	7	–	–	0	–	0	1004·3	+1	SW	1	b	44	92	6	1500	CuNb	2	•	2	•
Blacksod Point ...	10	1009·7	+2	NW	5	bc	49	85	7	•	•	•	•	6	1017·5	+2	NW	5	c	48	75	8	•	•	•	–	4	4
Lonaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·6	+3	W	2	bc	47	92	8	450	Cu	4	–	4	4
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·8	•	W	2	bc	44	92	6	4000	Cu	6	–	6	3
Holyhead	26	1006·2	+2	W	4	b	50	92	8	2500	Cu	3	–	3	1007·4	+3	WNW	6	o/r	51	97	8	4000	StCu	10	ASt	6	•
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·3	+1	SSW	3	bc/r	46	92	8	2500	St	2	ACu	5	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·9	+2	SSW	2	bc+	46	85	8	5700	StCu	4	•	•	1
Spurn Head	26	1005·1	+1	W	3	b	49	92	7	–	–	0	–	0	1008·3	+3	SW'W	4	b	45	97	8	–	–	0	–	0	•
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·8	+3	SSW	3	b	43	85	8	–	–	0	–	0	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·4	+4	SW	2	b	41	97	6	–	–	0	–	0	0
Cranwell	237	1006·8	+4	WSW	3	b	43	97	6	–	–	0	–	0	1009·8	+3	SW'W	3	b	43	97	7	–	–	0	•	0	•
Gorleston	13	1006·7	+1	SW'S	2	b	47	92	7	–	–	0	–	0	1010·6	+3	W	2	b	48	85	6	–	–	0	–	8	4
Valencia (Cahirciveen)	30	1013·2	+2	NW	4	bv	51	85	9	–	St	2	–	2	1015·3	+3	WNW	3	cbc.	51	75	8	1500	StCu	8	–	0	0
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·8	+3	W	2	b	47	92	8	–	–	0	–	7	4
Pembroke (St. Ann's H.)	149	1009·5	+2	NW	4	b	50	65	8	4000	Cu	3	–	3	1011·9	+2	NW	4	c	50	75	8	4000	Cu	7	–	0	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·3	+3	SW	1	b	42	92	8	–	–	0	–	0	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·8	+4	WSW	1	b	41	97	8	–	–	0	–	0	•
Andover	295		•	•	•	•	•	•	•	•	•	•	•	•	1012·5	+3	–	0	b	39	97	8	–	–	0	–	0	•
S. Farnborough ...	230		•	•	•	•	•	•	•	•	•	•	•	•	1012·5	+4	WSW	1	b	37	97	8	–	–	0	–	0	•
London (Kew Obsy.) ...	18		•	•	•	•	•	•	•	•	•	•	•	•	1012·1	+5	SW	1	b	45	92	7	–	–	0	–	0	0
Croydon	244	1008·6	+3	WSW	2	b	46	85	8	–	–	0	–	0	1012·2	+4	W'S	2	b	46	85	7	–	–	0	–	2	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·7	+4	W	2	b	46	92	7	2500	Cu	2	–	0	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·0	+3	WNW	3	mb-	47	85	6	–	–	0	–	0	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·0	+5	WSW	3	b	46	92	6	–	–	1	–	1	3
Lympne	350	1008·6	+3	WNW	3	b	45	92	8	–	–	0	–	0	1012·0	+3	NW'N	3	b/f	42	97	6	4000	Cu	2	–	2	0
Scilly (St. Mary's) ...	131	1011·6	+2	NNW	3	b	49	85	8	4000	Cu	2	–	2	1013·8	+2	NNW	3	b	51	75	8	4000	Cu	2	–	3	0
Falmouth (Pendennis)	200	1012·2	+2	NW	3	bcr	49	75	8	5700	CuNb	6	–	6	1014·0	+3	–	0	b	46	85	8	5700	Cu	3	–	3	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·1	+3	ENE	1	b	42	97	8	4000	StCu	3	–	2	0
Portland Bill	19	1008·7	+4	NW	3	b	52	65	8	–	–	0	–	0	1012·6	+3	NW	3	b	54	65	8	2500	Cu	2	–	0	1
Southampton (Ca.shot)	12	1009·8	+3	WSW	3	b	45	92	8	–	–	0	–	0	1013·0	+3	WNW	2	b	45	92	7	–	–	0	–	0	3
Dungeness	21	1008·6	+3	NW	1	b	47	92	8	4000	StCu	3	–	3	1011·9	+4	NW	1	b	47	92	7	–	–	0	–	4	3
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·6	+1	NW	3	bcr	49	92	8	4000	StCu	4	–	6	3
Guernsey	—	1010·8	+3	NW	2	b	51	75	8	4000	Cu	3	–	3	1013·6	+5	NNW	1	bc+	52	75	8	4000	Cu	2	–	3	0

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 14th-15th	Temperature. Max. Day. 15th	Rainfall.† Night 17h.-9h. 14th-15th	Rainfall.† Day 9h.-17h. 15th	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th
			°F.	°F.	mm.	mm.	hr.	hr.
Montrose	om	b	45	58	–	–	6·8	8·9
Berwick-on-Tweed	bcbcV	prcbc	47	57	–	0·1	7·9	6·8
Llandudno	cbc	ropc	47	56	1	5	3·0	5·9
Colwyn Bay ...								
Rhyl	ccb	crbc	49	58	–	2	5·7	3·5
Southport	ocbc	copc	49	57	–	1	6·1	4·0
Blackpool	cb	c	51	57	–	–	6·0	5·9
Ilkley	bbc	bb	43	60	–	–	8·6	2·5
Harrogate	b	b	44	58	0·3	–	8·5	2·5
Skegness	bb	oro	49	61	19	0·1	6·0	4·4
Aberystwyth ...	roc	b	47	55	5	3	3·5	5·0
Bath	bcco	ocbcb	45	59	4	–	3·8	0·0
Leamington Spa ...	cb	cb	43	57	3	1	3·0	0·4
Lowestoft	ocbc	bcbcco	54	62	1	–	5·5	6·7
Felixstowe	bcc	bcor	53	63	1	0·2	5·6	7·1
Southend	oco	obbc	51	68	5	0·1	6·2	6·8

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 14th-15th	Temperature. Max. Day. 15th	Rainfall.† Night 17h.-9h. 14th-15th	Rainfall.† Day 9h.-17h. 15th	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th
			°F.	°F.	mm.	mm.	hr.	hr.
Ilfracombe	cbcp	bccop	49	57	7	0·1	6·1	1·1
Bude	pro c	pro	48	57	5	1	8·1	2·2
Paignton	bcbc	cbcb	44	62	–	–	7·4	1·1
Torquay	b	b	47	62	–	0·1	7·6	0·1
Weymouth	cbcc	pbc	46	61	0·3	0·3	3·6	0·3
Bournemouth ...	p	pr	45	56	1	3	3·7	3·8
Portsmouth (S'thsea)	bbcor	rtLH	49	58	7	1	3·4	4·6
Littlehampton ..	bcp	bcp	48	bc	8	6	4·7	4·4
Worthing	b	coR	49	60	6	5	5·2	3·8
Brighton	b	r	51	62	13	4	6·4	6·1
Eastbourne	bbc	crcbc	50	64	15	1	7·4	7·0
Hastings	b	bcopbc	52	65	6	0·3	7·2	6·2
Folkestone	bcb	bc	53	65	1	–	6·2	7·3
Dover	cbcb	bcco	55	63	0·2	–	6·6	4·3
Tunbridge Wells ...	b	coro	49	65	12	3	6·3	7·0
Ramsgate	bcb	bbc	53	?	1	–	5·3	10·7
Margate	bcb	bcc	54	63	1	–	5·5	5·4
Deal	ocbcb	bbcc	54	66	?		6·0	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22.579 Monday 17th September 1923.

Observations at 1800 G.M.T. Yesterday

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	997.9	0	-	0	c	55	75	7	-	-	0	a St	8	•
Stornoway	1004.1	+3	NNW	5	c	50	75	6	1500	St Cu	9	-	9	•
Wick	999.3	+5	WNW	3	o/r	50	92	8	2500	Cu Nb	10	-	10	•
Castlebay	1007.8	+2	WNW	4	bc	50	75	8	2500	Cu	6	-	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1002.1	+4	WNW	5	c	55	75	8	1500	Cu	8	-	8	1
Malin Head	1009.1	+1	WNW	5	c/r	53	75	8	5700	Cu Nb	7	-	7	•
Renfrew	1006.7	+3	W	4	bc	53	66	9	5700	St Cu	5	-	5	0
Edinburgh (Inchkeith)	1003.3	+3	WSW	5	bc	54	65	8	-	Cu	4	-	4	•
Leuchars	1003.4	+3	WNW	4	bc	58	55	8	4000	St Cu	6	-	6	0
Eskdalemuir	1006.7	+3	WNW	5	c	51	65	8	2500	Cu	7	-	7	0
Tynemouth	1005.8	+2	W	3	b	58	75	7	1500	Cu Nb	3	-	3	•
Blacksod Point	1013.0	+2	-	0	bc	53	65	~~7~~ 9	=	=	=	•	5	•
Donaghadee	1010.8	+3	WNW	4	c+	54	65	8	800	Cu	8	-	8	•
Kirr Castle	1013.3	0	SSW	2	c+	53	65	8	4500	St Cu	8	-	8	•
Holyhead	1011.8	+4	WNW	5	c	54	85	9	2500	Cu	7	-	7	0
Liverpool (Bidston)	1010.3	+3	W	4	o/r	53	85	8	1500	Cu	9	-	9	•
Chester (Shotwick)	1010.9	+3	WNW	5	c/r	54	75	8	1500	St	8	-	8	1
Spurn Head	1009.8	+1	SW	6	o	55	85	7	4000	St Cu	9	-	9	•
Birmingham (Edgbaston)	1012.5	+2	SSW	4	o/r	51	85	8	2500	Nb	10	-	10	2
Nottingham	1010.9	+3	W	4	o/r	53	85	7	2500	St Cu	7	Ci St	10	•
Cranwell	1011.8	+2	SW'W	4	b	55	85	8	2500	St Cu	10	-	10	0
Gorleston	1012.7	+2	W'S	4	b+	60	55	7	5700	Cu	2	-	2	•
Valencia (Cahirciveen)	1016.6	+1	W	3	c	55	65	9	2500	Cu	5	a St	7	0
Rosslare Point	1015.3	+2	NW	2	bc	53	75	8	4000	St Cu	4	-	4	•
Pembroke (St. Ann's H.)	1014.7	+2	W	4	c	54	75	8	4000	Cu	7	-	7	•
Ross-on-Wye	1012.9	+2	W'S	3	o	55	65	9	4000	St Cu	10	-	10	0
Benson	1013.7	+1	WSW	4	bc	57	55	9	-	Cu	5	-	5	
Andover	1013.7	+1	SW'W	4	c+	60	55	8	4000	Cu	7	-	7	0
S. Farnborough	1014.2	+2	W	3	c+	61	65	8	4000	Cu	7	-	7	0
London (Kew Obsy.)	1014.3	+1	SW	3	b	57	55	8	2500	Cu	3	-	3	1
Croydon	1014.1	+1	W'S	3	bc	60	55	8	2500	Cu	4	-	4	1
Cleeton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1013.8	+1	W	4	b	61	45	6	4000	Cu	3	-	3	•
Grain	1014.1	+1	SW	4	bc+	61	45	8	1500	Cu	4	-	4	0
Lympne	1013.9	+1	W'S	4	bc+	63	55	8	2500	Cu	6	-	6	0
Scilly (St. Mary's)	1017.4	+2	W'N	3	b	59	65	8	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1016.5	+1	NW	4	b	57	55	8	5700	Cu	3	-	3	•
Plymouth (Cattewater)	1015.8	+1	W	4	bc	58	65	8	2500	Cu	4	-	4	0
Portland Bill	1014.5	+3	W	3	b	57	55	8	4000	Cu	2	-	2	•
Southampton (Calshot)	1015.2	+2	WSW	3	bc	58	55	8	4000	Cu	4	-	4	0
Dungeness	1014.5	+3	SW	4	bc+	63	55	8	4000	Cu	4	-	4	•
Jersey	1016.3	+1	W	3	b	60	55	8	4000	St Cu	2	-	2	•
Guernsey	1016.5	+3	NW	3	bc	57	65	9	4000	Cu	4	-	4	0

Observations at 1800 G.M.T. Yesterday

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	999.5	+3	NNW	1	c	51	85	7	-	-	0	a St	8	0
Stornoway	1005.0	0	WSW	2	c	46	85	7	1500	St Cu	8	-	8	1
Wick	1003.1	+3	NW	3	bc/r	47	92	7	2500	Cu Nb	5	Ci	6	0
Castlebay	1007.3	0	SW	4	c+	49	75	8	2500	Cu Nb	8	-	8	4
Nairn	1006.0	0	-	0	bc-	45	85	8	4000	Cu	5	-	5	•
Aberdeen	1005.5	+3	WNW	4	bc-	50	85	8	1500	Cu	6	-	6	0
Malin Head	1008.9	-1	W	5	c/r	49	85	9	5700	Cu Nb	4	Ci Cu	8	4
Renfrew	1009.1	+3	SW	1	o+	47	75	8	4000	St Cu	6	Ci	9/6	•
Edinburgh (Inchkeith)	1006.2	+4	W	4	bc+	51	75	9	-	-	0	Ci St		2
Leuchars	1006.4	+4	W	4	c+	51	75	8	4000	St Cu	5	Ci	8	•
Eskdalemuir	1009.7	+2	W	3	c+	45	75	8	2500	Cu	2	Cu	7	•
Tynemouth	1008.9	+3	W	3	bc/r	~~54~~ 53	85	6	1500	Cu	4	-	4	0
Blacksod Point	1008.7	-3	SW	5	b	52	65	8	=	=	=	=	10	4
Donaghadee	1011.5	+1	W'N	3	bc/r	49	85	8	2500	St Cu	6	-	6	3
Kirr Castle	1013.4	✱	SW	2	c	53	65	7	4000	St Cu	8	-	8	•
Holyhead	1013.6	+2	WSW	3	bc	53	85	9	2500	St Cu	5	Ci St	6	3
Liverpool (Bidston)	1012.3	+2	W'S	4	c/r	50	85	9	2500	Cu	8	-	8	4
Chester (Shotwick)	1012.9	+2	SW	3	bc-	51	75	8	4000	St Cu	3	Ci	4	•
Spurn Head	1002.1	+2	SW	4	bc/r	53	92	7	4000	St Cu	6	-	6	2
Birmingham (Edgbaston)	1014.1	+3	SW	3	bc+	51	75	7	4000	Cu	5	-	5	•
Nottingham	1013.1	+2	WSW	3	o	51	85	7	2500	St Cu	9	-	9	•
Cranwell	1013.4	+2	SW	3	bc-	49	97	8	2500	St Cu	5	Ci Cu	6	•
Gorleston	1014.7	+1	SW	2	bc+	56	65	7	4800	St Cu	4	-	4	0
Valencia (Cahirciveen)	1014.9	-3	SSW	3	o	52	75	9	2500	St Cu	6	a St	9	3
Rosslare Point	1014.4	0	SW	3	bc	54	75	8	4000	St Cu	4	-	4	0
Pembroke (St. Ann's H.)	1015.3	0	WSW	4	bc	53	75	8	4000	Cu	6	-	6	4
Ross-on-Wye	1014.5	+2	WSW	2	bc-	52	75	9	4000	St Cu	6	-	6	•
Benson	1016.0	+2?	W	1	bc	53	75	9	-	Cu	4	-	4	•
Andover	1015.4	+1	SW'W	3	bjp	54	75	8	2500	Cu Nb	2	-	2	•
S. Farnborough	1016.6	+2	W	1	bc-	53	75	7	4000	Cu	4	-	4	•
London (Kew Obsy.)	1015.6	+2	W	2	bc	56	65	8	2500	Cu	4	-	4	•
Croydon	1016.3	+1	SW'W	2	bc+	55	65	8	2500	St Cu	5	-	5	•
Cleeton-on-Sea	1014.5	+1	WSW	3	bc	58	55	7	2500	Cu	4	-	4	1
Shoeburyness	1015.3	+2	SW'W	3	b-	56	65	6	4000	St Cu	3	-	3	•
Grain	1015.2	+2	SSW	4	b-	57	55	8	1500	St Cu	2	-	2	0
Lympne	1015.4	+2	WSW	3	b-	54	65	8	2500	Cu	1	a St	2	•
Scilly (St. Mary's)	1017.2	0	W	3	b	56	75	8	4000	Cu	3	-	3	4
Falmouth (Pendennis)	1016.8	+1	W	2	bt	56	65	8	5700	Cu	3	-	3	0
Plymouth (Cattewater)	1016.9	+1	W	3	b-	56	65	8	4000	St Cu	1	-	1	0
Portland Bill	1015.2	0	W	4	bc+	57	65	8	4000	Cu	4	-	4	3
Southampton (Calshot)	1016.7	+2	SW	4	bjp	55	65	8	1500	Cu Nb	2	-	2	0
Dungeness	1015.5	+3	WSW	4	b	57	97	8	5700	Cu	1	Ci Cu	2	4
Jersey	1017.0	0	NW	2	b	56	75	8	-	-	0	a Cu	1	0
Guernsey	1018.0	+2	W'N	3	b	54	75	9	5700	Cu	1	-	1	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperatures. Max. °F.	Temperatures. Min. °F.	Min. on Grass. °F.	Rainfall 10th. Day.	Rainfall 10th. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 17th								YESTERDAY.	TO-DAY.	
Kew } 24 hours ended 0700	18	bwbby	bybc	bcbw m	•	•	29	-	-	10.3	•	•
Croydon }	244	bybc	bcbby	bcbw	•	•	38	-	Tr	11.1	•	•
Greenwich (Royal Obsy.)	149	b	bc	bw	63	39	31	-	-	11.1	51	62
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	9.8	•	•
Westminster (St. James' Pk.)	27	•	•	•	62	43	36	-	-	10.9	?	59
Regent's Pk. (Botanic Gdns.)	—	•	•	•	•	•	•	•	•	4.5	•	•
Camden Square	110	bbc	bc	•	64	43	36	-	-	•	•	71
Kensington Palace	80	bc	bc	•	62	41	33	-	-	•	60 (18h)	65
Hampstead Observatory	450	•	•	•	60	43	35	-	-	10.7	•	67

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

Exposure from 16h 13m to 17h 04m 45s

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.30	9.15	97
δ Ursae Minoris	9.30	9.8	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 = Slushy to-day in 1300 and 1800 reports (Hour frost in 0100 and 0700 reports).
7 = Snow (film layer, often not continuous).
8 = Snow deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc.
13h.	$C_1 C_2$	6	-	0° 150°
18h.	Cg	6	-	95°
21h.	$C_1 C_2$	6	-	45°
23h.	C_3	5	-	50°

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

17th-18th Sept. 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.31	11.48	6.4
	5.32	11.47	6.2
Greenwich	5.39	11.55	6.10
	5.40	11.54	6.8
Wick	5.47	12.7	6.26
	5.49	12.6	6.24
Valencia	6.19	12.36	6.52
	6.20	12.35	6.50

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

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

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

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

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

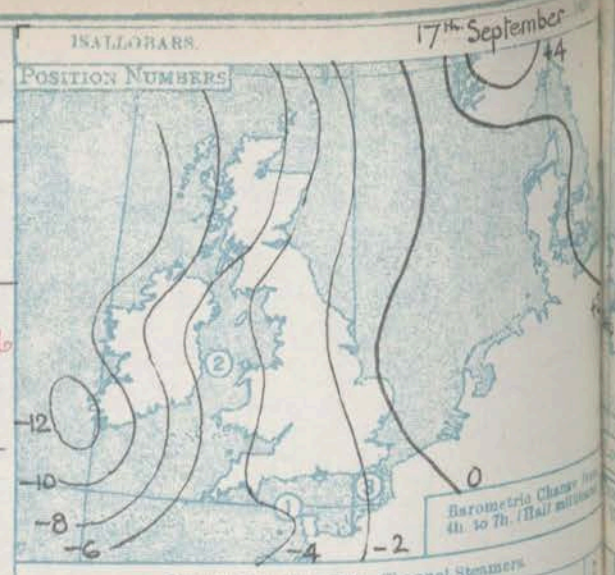
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 16th	WEATHER. 13h.-18h. 16th	WEATHER. 18h. 16th to 1h. 17th	WEATHER. 1h.-7h. 17th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 16th Hours.
Lerwick	c	c	bc	bc	56	47	•	-	-	-	-	7.4
Stornoway	c	c	r-d	r-d	50	42	•	2	4	-	-	2.1
Wick	op.q	cp	bbc	c	53	39	•	1	-	<0800	-	•
Castlebay	c.op.c	c.o	op	oprr	51	49	•	0.3	2	-	-	6.0
Nairn	ircq	cbcc	bcxc	cq	54	48	•	1	-	<0800	-	2.2
Aberdeen	o.c.o.c	c	b	c	56	44	32	-	-	-	-	4.9
Malin Head	bcprs	c.opv	bcoir	ogir	53	47	•	1	1	<0800	2200	6.6
Renfrew	p.bcv	bcv.co	ood	ordq	57	42	33	trace	3	<0800	2400	8.2
Edinburgh (Inchkeith)	bc	c	bc	c	55	45	43	-	-	-	-	10.6
Leuchars	b.bcy	bcypoc	cbcb	bbcco	59	38	27	trace	-	1430	-	8.4
Eskdalemuir	op.c	c.o.cpc	cbc	bccopo	55	37	32	0.1	0.2	0900	0530	6.9
Tynemouth	b or bc	bcmqp	bbcm	cm	59	43	38	trace	-	1330	-	•
Blacksod Point ...	4b	c	p	r-d	53	47	•	1	26	-	-	•
Donaghadee	bcqp	bcp	bco	oqr	55	46	•	1	trace	1230	0630	•
Birr Castle	cd	co	co	orr	57	47	44	-	0.5	-	0630	8.1
Holyhead	o.c.ov	cv	bccob	oprq	56	51	45	-	1	-	0430	6.3
Liverpool (Bidston) ...	op	bcp	co	co	55	45	42	3	1	<0800	<2100	5.0
Chester (Shotwick) ...	bc.opqv	cpc.bc	bcoc	cwmc	55	42	38	2	-	0900	-	2.9
Spurn Head	c	p	bbc	bbc	57	45	•	1	-	1430	-	6.8
Birmingham (Edgbaston)	b.oir	o.bcr	bcb	bbc	51	40	37	1	-	1100	-	6.3
Nottingham	bc	po R	cb	bbc	57	39	33	2	-	1230	-	4.7
Cranwell	b.bc.c	op.cp	bbc	nmc	57	40	37	2	-	1430	-	6.7
Gorleston	b or bc	b.bc	bbc	bwbb	61	43	40	-	-	-	-	10.3
Valencia (Cahirciveen)	c.bc.c	c.o	orp	orm	56	51	48	0.1	17	-	2400	6.1
Roches Point	b.bc	bc.cp	bc	coorm	57	46	*	trace	3	-	0330	*
Pembroke (St. Ann's H.)	c	c	bbc	cw	55	42	•	-	-	-	-	7.9
Ross-on-Wye	b.bc.o	op.ovpcv	cvbwbc	cbcc	57	42	33	0.5	-	1530	-	5.1
Benson...	bc	bc	bcb	bbcw	61	39	28	-	0.1	-	-	•
Andover	b.bc.cy	cy.bc.b	bb	bxmb	61	32	28	-	-	-	-	10.8
S. Farnborough ...	bw.c	c.bc	bcbnw	bnwv	63	37	34	-	trace	-	-	11.0
London (Kew Obsy.) ...	bw.b.by	by.bc	bcbw	bwbwn	60	42	29	-	-	-	-	10.3
Croydon	by.bc	bc.b.bcy	bcbw	bw	61	42	38	-	trace	-	-	11.1
Clacton-on-Sea ...	b.bcy	bcy	bcyb	bbc	61	47	44	-	-	-	-	11.4
Shoeburyness	b or bc	b or bc	bcb	b	63	45	37	-	trace	-	-	11.2
Grain	bm.b.bc	bc.bc.b	b	bmbbb	62	43	34	-	-	-	-	11.0
Lympne	b.bcy	bcy.b	b	bbc	64	41	30	-	trace	-	-	10.8
Scilly (St. Mary's) ...	bc	bc	bc	bccq	60	51	•	-	-	-	-	10.9
Falmouth (Pendennis)	bc	bc	bc	bc	59	48	•	-	-	-	-	11.0
Plymouth (Cattewater)	b.bc	bc.b	bv	bocv	59	43	29	-	-	-	-	10.6
Portland Bill	b or bc	b or bc	bbc	bbc	58	54	•	-	-	-	-	•
Southampton (Calshot)	b	by	bw	bwb	60	45	38	-	-	-	-	11.5
Dungeness	b or bc	bbc	bbc	bbc	62	42	•	-	-	-	-	•
Jersey	bc.b	b	b	bw	61	40	•	-	-	-	-	9.0
Guernsey	bc	b	bbc	bbc	58	49	•	-	-	-	-	•



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	16-1005	ANGLIA	W	5	bc	51	55
3	17-0400	BRIGHTON	N'E	1	bcv	60	65

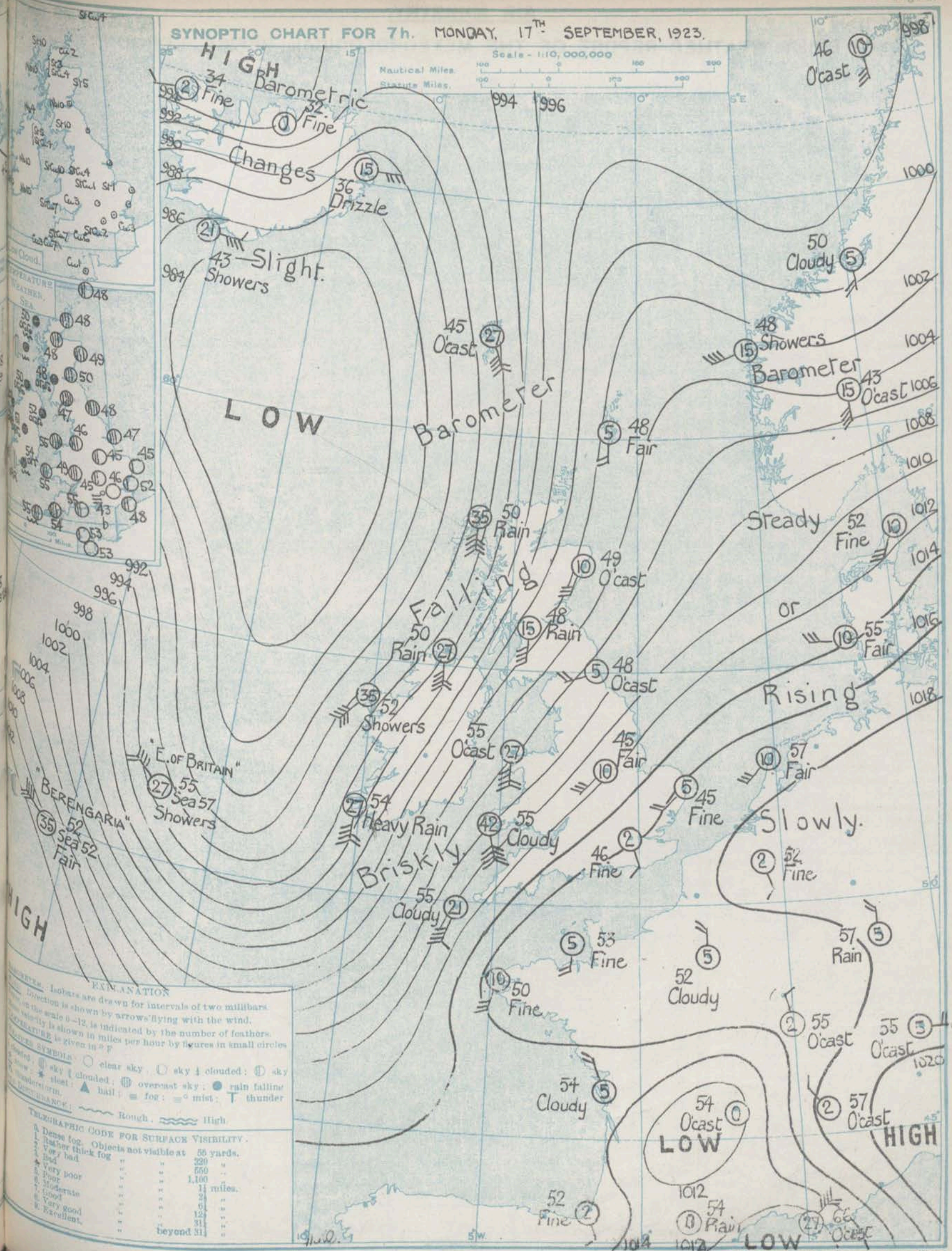
GENERAL INFERENCE.

The deep depression off our Northwest coast will move eastward causing rain in all parts of the Kingdom during the next 24 hours, followed by an improvement spreading from the West. Gales from South veering to West are probable on the coasts.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Monday, 17th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S. or S.W. veering W. to N.W. fresh or strong; some rain at first, showers and bright intervals later; visibility good; rather cool.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S. strong to a gale veering W. or N.W.; rainy at first, showers and bright intervals later; visibility moderate, improving later; rather cool.	South cone now flying all coasts.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0355 GMT. G. C. SIMPSON, F.R.S. Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday, 17th September 1923. No. 260.

Observations at 0100 G.M.T. 17th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	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	1002.8	+1	NW	1	bc	47	85	6	-	-	0	A.St	6
Stornoway	51	1000.4	-6	SW	5	r+	•	•	4	•	•	•	•	•
Wick	81	1002.9	-2	SW	2	b	42	92	8	-	-	0	Ci	1
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1002.6	-7	S	6	or	48	92	8	4000	Nb	4	A.St	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1007.0	-2	WSW	3	b-	47	85	9	-	-	0	-	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1011.2	0	W	1	b	47	85	6	-	-	0	-	0
Blacksod Point	10	1008.3	-9	SW	8	ORR	53	92	7	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1011.6	-2	SSW	4	0+	53	85	8	2500	StCu	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1014.3	0	SW	3	b	48	92	7	5700	StCu	1	-	1
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1015.7	+1	SW	3	b	43	97	6	-	-	0	-	0
Gorleston	13	1016.8	+1	SW	2	b	46	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1006.2	-4	S	3	od+	54	97	8	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1014.7	-1	WSW	5	bc+	53	65	8	4000	Cu	5	-	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1017.8	+1	SSW	2	b	43	92	8	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1018.0	+1	NW	3	b	44	92	8	4000	StCu	1	-	1
Scilly (St. Mary's)	131	1017.4	-1	SW	4	b	54	85	8	4000	Cu	2	-	2
Falmouth (Pendennis)	200	1016.9	-1	WSW	3	b-	58	75	8	5700	Cu	1	-	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1017.7	0	W	4	b	55	65	8	-	-	0	-	0
Southampton (Calshot)	12	1018.3	0	WSW	2	b	46	92	8	-	-	0	-	0
Dungeness	21	1017.8	+1	NW	2	b	48	92	8	4000	Cu	3	-	3
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1019.1	0	W	4	b	50	75	8	5700	Cu	1	-	1

Observations at 0700 G.M.T. 17th

Stations.	Barom. at M.S.L. m.b	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	1002.3	-2	S	2	bc+	48	85	7	7200	StCu	4	A.St	6	1
Stornoway	999.9	-8	S	7	orr	50	85	6	450	St	10	-	10	6
Wick	997.6	-6	S	5	c+	48	92	8	-	Cu	2	A.Cu	7	4
Castlebay	999.8	-8	SSE	6	orr	51	92	6	800	Nb	10	-	10	7
Nairn	997.6	•	-	0	c+	48	75	8	1500	StCu	7	-	7	0
Aberdeen	1002.3	-4	SSW	3	o	49	85	8	1500	St	5	A.St	10	4
Malin Head	999.2	-5	S	6	or	50	92	7	4000	Nb	4	A.St	10	•
Renfrew	1000.6	-7	S	4	or	48	92	6	1500	Nb	10	-	10	2
Edinburgh (Inchkeith)	1001.9	-5	SSW	3	o+	50	75	9	-	-	0	A.St	10	•
Leuchars	1002.2	-4	SSW	3	o	49	75	8	-	-	0	A.St	10	•
Eskdalemuir	1003.9	-4	S	4	o	47	92	7	1500	St	10	-	10	1
Tynemouth	1007.4	-3	WSW	2	o+	48	85	6	-	-	0	A.Cu	9	•
Blacksod Point	999.7	-9	SW	7	ORR	52	85	7	*	*	*	*	10	8
Donaghadee	1002.0	-5	SSW	4	or	52	75	8	800	St	109	-	109	4
Birr Castle	999.2	•	SE	4	or	51	85	6	1500	Nb	10	-	10	•
Holyhead	1005.8	-5	SW	6	or	55	85	8	2500	StCu	10	-	10	5
Liverpool (Bidston)	1007.8	-4	SE'S	4	c+	46	92	6	2500	StCu	4	A.St	8	•
Chester (Shotwick)	1008.8	-4	SE	3	o+	46	85	7	2500	StCu	4	A.St	10	•
Spurn Head	1012.3	-1	S	4	c	47	92	8	-	-	0	A.Cu	8	2
Birmingham (Edgbaston)	1011.2	-4	SSE	3	c+	44	92	8	2500	StCu	3	Ci	7	•
Nottingham	1011.8	-4	SW	3	bc	45	92	7	2500	StCu	1	Ci	5	•
Cranwell	1013.4	-2	S	3	c	43	97	8	2500	St	1	Ci.Cu	8	0
Gorleston	1016.3	+1	SW	2	b-	45	85	6	-	-	0	Ci.Cu	2	•
Valencia (Cahirciveen)	994.5	-12	S'E	6	ORR	54	92	6	800	St	10	-	10	?
Roches Point	1000.2	-9	S	7	ORR	54	97	5	800	Nb	10	-	10	7
Pembroke (St. Ann's H.)	1007.5	-4	S'E	8	c+	55	75	8	1500	StCu	7	-	7	5
Ross-on-Wye	1011.8	-4	SSW	4	c+	49	75	8	4000	Cu	3	Ci.St	8	•
Benson	1014.3	-4	S	3	bc	45	92	9	-	-	0	Ci	4	•
Andover	1014.7	-2	SE	1	bc+	38	97	7	-	-	0	A.Cu	4	•
S. Farnborough	1014.3	-3	SE	3	mmb	43	97	6	-	-	0	Ci	1	•
London (Kew Obsy.)	1015.6	-3	SSE	1	b	46	85	6	-	-	0	Ci	3	•
Croydon	1015.7	-3	S	2	b+	45	92	7	4000	St.Cu	1	Ci.St	3	1
Clacton-on-Sea	1016.4	-1	SSW	3	b	52	75	7	-	-	0	Ci	2	•
Shoeburyness	1016.2	0	SSW	1	b	51	85	7	-	-	0	Ci	2	0
Grain	1016.0	-1	S'E	2	b	48	85	7	-	-	0	-	4	•
Lympne	1016.2	-2	S	1	bc+	49	85	8	4000	Cu	4	-	6	•
Scilly (St. Mary's)	1010.2	-5	SSW	5	c	55	85	8	4000	Cu	3	Ci.St	7	1
Falmouth (Pendennis)	1011.3	-4	SSW	6	c+	54	65	8	5700	Cu	7	-	7	0
Plymouth (Cattewater)	1012.6	-4	SSW	6	c	54	75	9	2500	StCu	7	Ci.St	8	3
Portland Bill	1014.1	-4	SSW	4	bc+	55	55	8	4000	Cu	6	-	6	0
Southampton (Calshot)	1016.1	-3	S	4	b+	54	75	8	4000	StCu	2	Ci	3	1
Dungeness	1016.4	-1	ENE	1	bc+	48	85	9	4000	Cu	3	A.St	4	0
Jersey	1015.6	-2	S	2	b	53	75	8	-	-	1	A.Cu	3	3
Guernsey	1016.2	-4	S	4	b-	53	75	9	5700	Cu	1	Ci	1	•

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 15h.-16h. °F.	Temperature. Max. Day. 16h. °F.	Rainfall.† Night 17h.-9h. 15h.-16h. mm.	Rainfall.† Day 9h.-17h. 16h. mm.	Sunshine. Sunrise to 17h. 16h. hr.	Sunshine. Sunrise to Sunset. 15h. hr.
Montrose	w.b bc	bc.c	44	60	-	-	7.8	7.9
Berwick-on-Tweed	z.b bc	bc.bv	43	59	-	-	8.8	8.4
Llandudno	cp.c	c.bc	?	56	2	0.2	3.7	3.0
Colwyn Bay	cp	pc.	46	56	5	1	6.6	1.1
Rhyl	r.c bc	bc	41	57	3	0.3	5.0	5.7
Southport	r.o.c.bc	bc	48	56	2	-	7.0	6.1
Blackpool	r.o.c.	pc.	48	58	4	1	5.2	5.6
Ilkley	bp.c.b	bc.ip.b	41	59	-	1	8.8	5.3
Harrogate	c.bc.	bc.b	40	57	-	-	5.8	8.7
Skegness	b	b.or	40	61	10	1	7.5	6.0
Aberystwyth	r.o.c	bc.	49	56	8	-	3.5	3.5
Bath	b.bc	bc.op.b	35	59	-	1	7.8	3.8
Leamington Spa	c.b.odc	c.b.odc	46	52	-	1	5.1	3.3
Lowestoft	b	b	43	62	-	-	10.7	5.5
Felixstowe	b	b	44	62	-	-	11.0	5.6
Southend	b	b	44	63	-	-	10.4	6.2

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 15h.-16h. °F.	Temperature. Max. Day. 16h. °F.	Rainfall.† Night 17h.-9h. 15h.-16h. mm.	Rainfall.† Day 9h.-17h. 16h. mm.	Sunshine. Sunrise to 17h. 16h. hr.	Sunshine. Sunrise to Sunset. 15h. hr.
Ilfracombe	c.bc	bc	51	57	1	-	8.9	6.1
Bude	pr.o bc	bc	50	59	0.1	-	10.1	5.2
[illegible]							8.4	8.1
Paignton	b.bc	b	42	63	-	-	10.0	8.6
Torquay	b	b	44	63	-	-	10.6	4.3
Weymouth	b.	b.bc	41	63	-	-	10.5	4.5
Bournemouth	b	b	39	61	-	-	10.9	3.5
Portsmouth (S'thsea)	b	b	44	61	-	-	10.7	5.6
Littlehampton	bc	bc	40	59	0.2	-	10.9	5.7
Worthing	b	b	41	60	4	-	10.5	6.4
Brighton	b	b	43	61	2	-	11.2	7.3
Eastbourne	b	b	44	60	2	-	11.0	7.6
Hastings	b	b	43	62	0.2	-	10.5	6.6
Folkestone	b	b	43	64	-	-	10.8	6.9
Dover	b	bv	43	60	-	-	10.7	6.3
Tunbridge Wells	b	b	38	62	-	-	11.0	5.8
Ramsgate	b	b	41	?	-	-	11.0	6.2
Margate	b	b	44	64	?	-	11.0	6.2
Deal	b	b.bc	42	64	-	-		

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22580 TUESDAY 18TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 17th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	998.2	-4	S	4	o/p	51	92	5	4000	Nb	4	A.St	10	•
Stornoway	985.5	-5	S	7	o/r	52	[illegible]	6	450	St.	10	–	10	•
Wick	991.9	-6	S	6	o/r	53	85	8	2500	Nb	6	Ci.St	10	•
Castlebay	986.7	–	SW	3	o/r	49	92	8	1500	Nb	10	–	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	997.1	-4	S	5	o/r	53	85	7	1500	Nb	3	A.St	10	1
Malin Head	987.5	-1	W	3	ore	49	97	7	4000	Nb	5	A.St	10	•
Renfrew	993.8	-8	SSE	4	orr	51	92	6	800	Nb	10	–	10	2
Edinburgh (Inchkeith)	996.4	-6	S	5	ore	53	75	8	*	St.	5	A.St	10	•
Lerwick	996.7	-5	S	4	o	53	75	7	2500	Nb	6	A.St	10	5
Eskdalemuir	998.4	-5	SE	5	or	47	92	6	1500	Nb	10	–	10	2
Tynemouth	1001.7	-6	SW	4	o+	56	65	6	1500	Nb	10	–	10	•
Blacksod Point	989.9	-1	NWW	4	o	54	75	8	*	–	–	–	10	•
Donaghadee	993.2	-5	S	5	orr	53	92	7	800	St.	10	–	10	•
Birr Castle	991.1	*	W	1	oRR	52	92	6	1500	Nb	10	–	10	•
Holyhead	997.7	-6	SE	6	or	52	97	7	1500	Nb	10	–	10	2
Liverpool (Bidston)	1001.1	-8	SSE	4	o	53	65	8	2500	St.	10	.	10	•
Chester (Shotwick)	1002.2	-7	SE	6	o	56	65	8	1500	St.	8	A.St	10	0
Spurn Head	1006.0	-6	SW	6	c+	58	75	8	5700	Cu	5	Ci.St	7	•
Birmingham (Edgbaston)	1004.9	-7	SSE	6	o+	56	55	8	4000	Cu	10	–	10	1
Nottingham	1005.5	-7	SSW	6	c+	59	55	8	2500	St.Cu	5	Ci.St	7	•
Cranwell	1007.2	-6	S	6	bc	59	75	8	4000	Cu	3	Ci.St	6	1
Darlington	1012.1	-4	SE	6	bc	59	85	7	4000	Cu	4	–	4	•
Valentia (Cahirciveen)	992.0	0	NE	1	cro	51	85	7	2500	St.	4	A.St	8	2
Malin Head	991.1	-9	WSW	4	or-	56	97	6	800	Nb	10	–	10	•
Pembroke (St. Ann's H.)	999.8	-8	SE	8	cpo	54	85	7	1500	Nb	10	–	10	•
Ross-on-Wye	1005.4	-7	SSW	7	o+	59	55	8	4000	Cu	3	Ci.St	9	0
Bangor	1008.0	-7	SSW	6	c+	58	65	9	*	Cu	5	Ci	7	0
Andover	1008.4	-5	SW	5	c+	60	55	8	4000	Cu	6	Ci	8	0
S. Farnborough	1009.8	-4	SW	5	c-	60	65	7	2500	Cu	3	Ci	7	0
London (Kew Obsy.)	1009.5	-7	S	4	b	61	45	8	–	–	0	Ci	3	0
Croydon	1010.2	-6	SW	5	bc+	61	45	8	2500	Cu	1	Ci	5	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1010.4	-8	WSW	6	b	64	45	8	4000	Cu	1	Ci.St	2	*
Grain	1011.0	-5	SSW	5	b	62	55	8	2500	Cu	2	Ci	3	0
Lympne	1011.6	-4	SSW	4	b-	60	65	8	2500	Cu	1	Ci.St	3	0
Scilly (St. Mary's)	1001.7	-10	S	6	ore	57	92	6	4000	Nb	10	–	10	•
Plymouth (Pendennis)	1003.6	-6	S	7	o	56	85	8	5700	Cu	9	–	9	•
Plymouth (Cattewater)	1006.0	-8	SSW	7	o+	56	75	8	2500	St.Cu	2	A.St	10	0
Portland Bill	1003.4	-4	SSW	7	bc	57	65	8	4000	Cu	6	–	6	•
Southampton (Calshot)	1009.9	-7	SW	5	bc+	60	65	8	2500	Cu	4	Ci	6	0
Dungeness	1011.7	-5	SW	3	b+	63	65	8	4500	Cu	2	Ci	3	•
Jersey	1010.9	-3	S	3	b	63	55	8	–	–	0	A.Cu	2	•
Guernsey	1010.4	-7	SW	5	bc+	60	75	9	–	Cu	2	Ci	5	*

Observations at 1800 G.M.T. 17th

STATIONS.	Barom. at M.S.L. m.b	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	Rain. 0-9
Lerwick	994.7	-4	SSE	6	ore+	51	92	5	4000	Nb	10	–	10	5
Stornoway	985.3	0	SW	2	o/r	49	92	7	800	St.	9	–	9	1
Wick	987.8	-4	S	7	o	52	85	8	1500	St.	4	A.St	10	6
Castlebay	986.4	0	WSW	3	c-	51	85	8	2500	St.Cu	7	–	7	4
Nairn	986.3	*	SSW	2	c	54	75	8	1500	St.	8	–	8	•
Aberdeen	992.9	-5	SSW	6	orr	51	92	6	800	Nb	10	–	10	4
Malin Head	987.7	-1	W	3	o-	51	85	8	4000	St.Cu	9	–	9	3
Renfrew	988.4	-5	SSE	5	orr	50	97	5	800	Nb	10	–	10	•
Edinburgh (Inchkeith)	990.0	-6	S	6	ojp	52	97	8	*	Nb	2	A.St	10	•
Lerwick	991.9	-5	S	5	orr	50	85	6	2500	Nb	8	A.St	10	*
Eskdalemuir	992.7	-5	SSE	4	orr	46	92	6	800	Nb	10	–	10	•
Tynemouth	996.7	-5	S	5	o	54	85	6	1500	Nb	10	–	10	4
Blacksod Point	991.1	+2	WNW	5	bc	51	75	8	*	–	–	–	5	5
Donaghadee	989.7	-2	W	3	o/r	50	92	8	1500	St.	9	–	9	4
Birr Castle	991.4	*	SW	2	o-	51	92	7	2500	Nb	9	–	9	•
Holyhead	991.6	-4	SE	6	orr	53	97	5	800	Nb	10	–	10	6
Liverpool (Bidston)	995.2	-5	SE	4	o	51	92	7	2500	St.	10	–	10	5
Chester (Shotwick)	995.5	-6	SSE	6	ojp	53	75	8	2500	St.	6	A.St	10	•
Spurn Head	1001.1	-5	S	6	o	56	75	9	4000	Nb	3	A.St	10	3
Birmingham (Edgbaston)	999.9	-5	SSE	5	o+	54	65	8	2500	Nb	9	–	9	•
Nottingham	1000.4	-5	SSW	4	o+	55	65	7	2500	St.Cu	10	–	10	•
Cranwell	1001.8	-6	S	6	o+	54	85	9	4000	St.Cu	6	A.St	9	•
Darlington	1006.7	-5	SE	4	bc-	58	85	6	–	–	0	A.St	4	4
Valentia (Cahirciveen)	993.9	+2	NNW	3	opo	53	75	8	1500	St.Cu	10	–	10	4
Malin Head	993.4	+2	WSW	2	o	52	92	8	2500	St.Cu	9	–	9	7
Pembroke (St. Ann's H.)	992.9	-3	S	8	or-	54	97	7	1500	Nb	10	–	10	8
Ross-on-Wye	999.2	-6	S	5	ojp	55	75	8	2500	Nb	5	A.St	10	•
Bangor	1002.3	-5	S	4	b+	52	75	9	*	–	–	Ci.Cu	2	•
Andover	1002.7	-5	S	4	c	54	75	8	4000	St.Cu	3	Ci	7	•
S. Farnborough	1003.4	-6	SSE	3	b-	56	75	7	–	–	0	Ci	3	•
London (Kew Obsy.)	1003.6	-7	SSE	2	b	57	65	8	–	–	0	Ci	2	•
Croydon	1004.4	-6	S	2	b-	55	75	7	–	–	0	Ci	1	•
Clacton-on-Sea	1005.6	-5	S	5	bc	60	75	7	–	–	0	Ci	4	4
Shoeburyness	1004.9	-7	SSW	3	b	57	75	8	–	–	0	A.Cu	1	*
Grain	1005.4	-5	S	4	b	59	75	8	–	–	0	Ci	1	•
Lympne	1004.6	-5	S	2	bc+	52	85	8	2500	Cu	4	A.St	6	•
Scilly (St. Mary's)	996.0	-7	WSW	5	orr	54	97	6	2500	Nb	10	–	10	7
Plymouth (Pendennis)	995.3	-4	SW	7	oro	54	92	6	2500	Nb	10	–	10	4
Plymouth (Cattewater)	998.7	-7	SSW	7	or+	53	97	7	4150	Nb	10	–	10	4
Portland Bill	1003.1	-6	SSW	7	bc	58	75	8	–	–	0	A.Cu	6	4
Southampton (Calshot)	1003.2	-8	SSE	4	b-	59	65	8	–	–	0	A.St	2	3
Dungeness	1006.3	-6	S	2	bc+	60	92	8	–	–	0	Cu.Cu	5	2
Jersey	1003.5	-3	S	3	b	62	55	8	–	–	0	–	0	3
Guernsey	1003.6	-7	SSW	5	bc	59	65	9	5700	Cu	1	Ci	5	*

LONDON OBSERVATIONS.

	Height above M.S.L. Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. Inches	Rainfall. m.b	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 18th								YESTERDAY.	YESTERDAY.	TO-DAY.
Kew	18	bcby	bcyb	bbworo	*	*	34	–	2	11.0	*	*
Croydon (24 hours ended 0700)	244	bybc	bcyb	bworo	*	*	40	–	2	10.9	*	*
Greenwich (Royal Obsy.)	148	bc	b	borb	63	47	35	–	1	11.5	47	69
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	10.5	*	*
Westminster (St. James' Pk.)	27	*	*	*	62	51	43		2	11.3	44	70
Regent's Pk. (Botanic Gdns.)	–	*	*	*	*	*	*	*	*	9.5	*	*
Camden Square	110	cb	b	*	65	50	42	–	2	*	*	78
Kensington Palace	80	b	b	*	63	48	39	–	3	*	65 (18h)	74
Hampstead Observatory	450	*	*	*	60	48	44	–	1	11.0	*	77

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington

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

Kew Observatory

Max.	Time.	Min.	Time.
0.5	21h.16m	0.3	4h.17m
0.4	8h.17m		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 17th 19h 15m to 18th 04h 45m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9.30	7.20	77
β Ursae Minoris	9.30	7.15	76

CODE FOR STATE OF GROUND
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Rare ground frozen (but less than 2 ins. deep).
4 = Rare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 1900 and 1800 reports (floor frost in 0100 and 0700 reports).
7 = Snow (this hour, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc.
15h.	C_1C_2	5	–	25
16h.	C_1C_2	5	–	100
17h.	C_2	5	–	55
18h.	–	–	–	–

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

18th & 19th SEPT., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.32	11.47	6.2
	5.34	11.49	6.0
Greenwich	5.40	11.54	6.8
	5.42	11.54	6.6
Wick	5.49	12.6	6.24
	5.51	12.6	6.21
Valencia	6.20	12.35	6.50
	6.22	12.35	6.48

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 (three-quarters covered).
d drizzle. e water str. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.
' = less than (for cloud height). before (for precipitation).
= solar halo. ☾ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions; thus—bc/r = fair weather after rain; – = "decreasing"; + = "increasing."

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

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

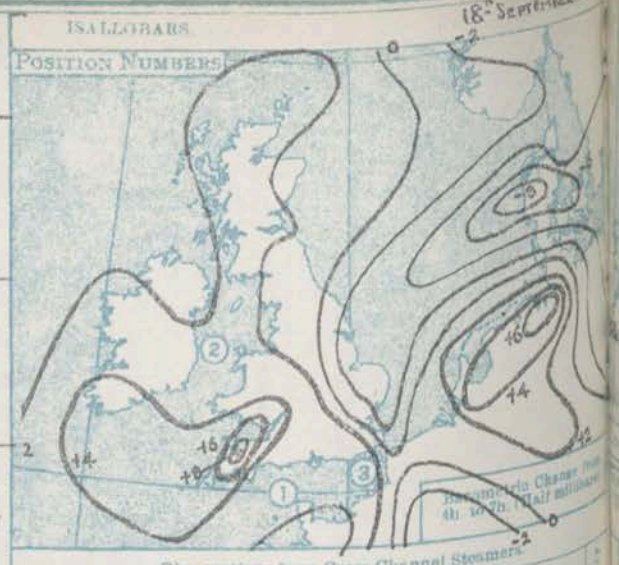
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 17th	13h.-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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 17th Hours.
Lerwick	cp	aq	omrq	omr	52	49	•	0.2	4	1100	<2100	2.3
Stornoway	r-d	r-d	bbc	c	52	37	•	7	0.2	-	-	0.0
Wick	colr	oo	or₀r₀	r₀r₀o	53	43	•	0.1	2	0900	2200	•
Castlebay	r₀r₀	oc	cbcb	b	52	49	•	8	-	-	-	0.4
Nairn	cq	cqq	rqo	ocbc	55	40	•	-	2	-	<2100	0.0
Aberdeen	olr₀	orom	orro	oo	53	47	45	9	5	1100	<2100	0.0
Malin Head	oro	roro	p₀iR	iRbc	52	43	•	4	2	L0800	<2100	0.0
Renfrew	orrq	orrqm	omrro	omr	52	41	36	21	5	L0800	<2100	0.0
Edinburgh (Inchkeith)	ir₀	oo	ir₀	bbc	53	48	46	-	Trace	-	2200	0.0
Leuchars	oir₀	r₀r₀rq	oo	orro	54	44	37	4	2	L0800	<2100	0.0
Eskdalemuir	oolr	orrm	orr	oro	49	41	36	13	7	L0800	<2100	0.0
Tynemouth	mq	oir₀q	r₀r₀	orrm	56	48	42	Trace	3	1730	<2100	•
Blacksod Point ...	p	p	bbc	p	55	44	•	11	2	-	-	•
Donaghadee	oqmr	oqmr	bc	bcw	53	40	•	23	0.2	L0800	-	•
Birr Castle	ochro	ocprc	copr₀	copr₀	54	39	30	23	0.2	L0800	-	0.3
Holyhead	oirq	orrqm	iR r₀	oo	56	50	46	11	7	L0800	<2100	0.0
Liverpool (Bidston) ...	oo	oo	r-d	r-d	55	46	45	-	8	-	2200	0.0
Chester (Shotwick) ...	oo	olrrq	oprrmq	orrqpRq	56	49	46	Trace	6	1530	<2100	0.1
Spurn Head	b.bc	c	bbc	corr	59	51	•	-	Trace	-	0630	7.7
Birmingham (Edgbaston)	bco	oco	orr	or₀r₀	57	47	46	-	6	-	2200	4.1
Nottingham	b.bc	oo	copo	rr	59	49	48	-	6	-	2200	5.9
Cranwell	cbc	c	oo	orm	61	46	45	-	2	-	0430	7.8
Gorleston	b.bcq	bcq	bbcco	copqc	61	53	40	-	1	-	0330	11.0
Valencia (Cahirciveen)	orc	cbcop	obc	oop	56	47	44	21	4	L0800	2400	0.7
Roches Point	brm	RCO	cp	bbc	56	46	*	30	0.6	L0800	2200	
Pembroke (St. Anu's H.)	oqcqp	oqrr	c	oo	56	51	•	11	2	1100	<2100	0.0
Ross-on-Wye	cqbccqq	cqqbcqo	dorrRR	r-orr	59	48	47	-	10	-	<2100	5.1
Benson...	bcc	bcb	co	oro	60	49	39	-	1	-	<2100	•
Andover	bccy	cybcc	corr	orrbc	62	47	42	-	5	-	2200	9.4
S. Farnborough ...	bmbc	cbcb	bwbc	coorr	61	49	44	-	2	-	0430	11.0
London (Kew Obsy.) ...	bcby	bcyb	bbw	bworo	62	48	34	-	2	-	0330	11.0
Croydon	bybc	bcyb	bw	bworr	61	48	40	-	2	-	0330	10.9
Clacton-on-Sea ...	bcy	bcy	bc	bcqqp	63	55	54	-	0.2	-	0530	11.5
Shoeburyness	bby	byb	bbc	coir₀c	65	53	49	-	0.1	-	0430	11.3
Grain	bwby	byb	co	or₀o	63	52	44	-	0.3	-	0430	11.2
Lympne	bcbv	bbc	bcc	orr	61	48	37	-	1	-	0530	11.2
Scilly (St. Mary's) ...	omqr	omqrr	cbcqp	bcqp	58	49	•	11	4	1100	<2100	0.0
Falmouth (Pendennis)	co	oqmr	omrc	bc	56	48	•	4	4	1430	2200	0.9
Plymouth (Cattewater)	bkvo	orr	orr	orcopp	57	47	37	3	10	1630	<2100	3.7
Portland Bill	c	c	r-d	c	60	54	•	-	10	-	2100	*
Southampton (Calshot)	bcbc	bc	corr	orrcbc	62	50	48	-	5	-	2400	11.1
Dungeness	b.bc	bbc	oo	oq	63	53	•	-	4	-	0330	*
Jersey	bbcb	b	op	opqrr	65	52	•	-	11	-	<2100	10.7
Guernsey	b.bc	bcbc	r-d	or₀r₀	65	51	•	-	6	-	2200	*



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamships	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	17th 1000	ANGLIA	S	7	ob	55	55
3	18th 0300	DIEPPE	SW	7	bcy	58	56

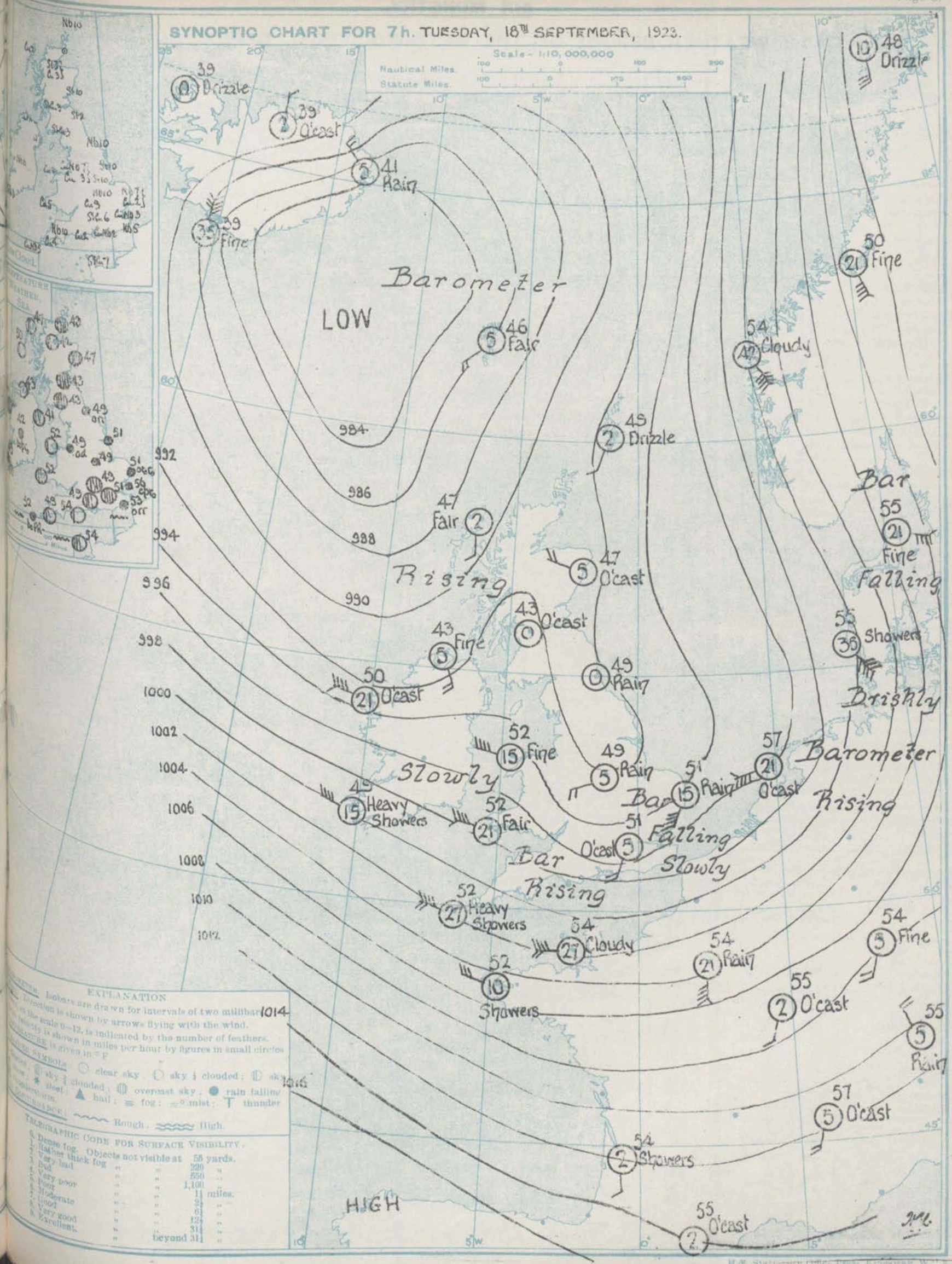
GENERAL INFERENCE.

The depression between Scotland and Iceland is becoming less deep but secondary depressions are likely to cross the British Isles and cause rain at times with local thunder.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 18th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Westerly wind, fresh to strong at times; occasional showers with local thunder, some bright periods; visibility good; cool.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind W. to N.W., fresh to strong at times; occasional showers with local thunder, bright intervals; visibility good; cool.	

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....TUESDAY, 18TH SEPTEMBER, 1923. No. 261.

Stations.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 18th: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	992.7	0	SSE	9	or,c	50	97	3	4000	Nb	10	-	10
Stornoway	51	983.1	+2	-	0	bc-	•	•	6	•	•	•	•	•
Wick	81	983.1	+1	SSW	3	or,c	48	97	8	2500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	990.1	+2	S	2	bcR	47	97	8	4000	Nb	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	990.9	+4	SW	3	o/r	49	85	8	-	-	0	A.St	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	993.3	-2	S	3	or,c	51	92	6	1500	Nb	10	-	10
Blacksod Point ...	10	995.0	+1	W'N	5	b-	50	75	7	•	•	•	•	3
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	992.8	0	WNW	3	o/r	52	85	8	1500	St,Cu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	994.8	-6	S'E	5	b	54	92	8	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	996.1	-6	SE'S	3	o	47	97	7	2500	St,Cu	9	-	9
Gorleston	13	993.9	-3	S	2	o4	58	85	7	-	-	0	A.St	10
Valencia (Cahirciveen)	30	997.4	+3	?	3	c,R	51	?	8	-	St,Cu	7	-	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	994.9	0	NW	3	c,R	51	85	8	1500	St	8	-	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18	•	•	•	•	•	51	•	•	•	•	•	•	•
Croydon	244	996.6	-7	SSW	2	b-	50	92	7	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	997.0	-5	WSW	4	c	56	85	8	1500	St	6	A.St	7
Scilly (St. Mary's) ...	131	995.6	+1	W'N	6	b	52	85	8	4000	St,Cu	2	-	2
Falmouth (Pendennis)	200	995.8	0	NW	3	b-	52	85	7	5700	Cu	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	994.6	-8	W	7	o/r	52	92	7	1500	Nb	10	-	10
Southampton (Calshot)	12	995.8	-6	S	5	orr	55	92	7	1500	Nb	10	-	10
Dungeness	21	998.6	-6	SW	5	o	60	97	8	2500	St	10	-	10
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	997.8	-3	SW	4	or	51	97	4	1500	St	10	-	10

Stations.	Observations at 0700 G.M.T. 18th: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	992.6	+2	SSW	1	odd	49	97	6	4000	Nb	10	Ci	10	0
Stornoway	989.1	+2	S	1	bc	47	92	7	1500	Cu	2	Ci.St	5	0
Wick	990.7	+2	W	1	o	43	97	8	-	-	0	-	10	1
Castlebay	989.8	+1	SW	3	b	50	85	8	4000	Cu	2	-	2	3
Nairn	991.2	•	•	0	b/r	42	85	8	1500	St	7	-	6	•
Aberdeen	991.4	+1	WNW	2	o	47	97	7	1500	St	10	-	10	0
Malin Head	991.1	0	SSE	2	b	43	97	8	5700	Cu,Nb	2	-	2	3
Renfrew	992.6	+1	-	0	o⊕	43	97	4	7200	St,Cu	3	Cu.St	10	•
Edinburgh (Inchkeith)	991.4	+3	W	3	mmo	48	?	6	-	St	2	A.St	10	1
Leuchars	991.5	0	SW	2	o	46	97	8	—	—	—	A.St	10	•
Eskdalemuir	992.3	+1	-	0	o/r	43	97	8	1500	St,Cu	3	A.St	10	1
Tynemouth	992.4	0	-	0	orr	49	97	5	800	Nb	10	-	10	•
Blacksod Point ...	993.5	+3	WNW	5	o	50	85	8	•	•	•	•	10	6
Donaghadee	994.4	0	S	3	bc	41	92	8	-	-	0	Ci.Cu	4	5
Birr Castle	995.6	•	SW	1	b/p	42	97	6	2500	Nb	6	-	6	•
Holyhead	994.4	+3	W'N	4	b	52	85	8	4000	Cu	2	-	2	4
Liverpool (Bidston) ...	993.4	+1	WNW	4	o/-	49	92	7	1500	Cu,Nb	10	-	10	•
Chester (Shotwick) ...	993.2	+2	W	4	oP	49	85	6	800	Nb	10	-	10	•
Spurn Head	993.6	-3	S	4	orr	51	97	7	1500	St	10	-	10	2
Birmingham (Edgbaston)	999.4	+3	WSW	3	o-	48	92	6	2500	St	10	-	10	•
Nottingham	995.0	+2	WSW	2	o,c	49	97	5	1500	St	10	-	10	•
Cranwell	995.0	-2	WSW	4	o,c	49	97	6	800	Nb	10	-	10	1
Gorleston	994.9	-2	SSW	4	o,c	55	85	7	2500	Nb	9	-	9	•
Valencia (Cahirciveen)	997.7	+4	WNW	4	oPR-	49	85	8	1500	St,Cu	9	Ci	4	4
Roches Point	998.6	+3	W	3	bc+	48	92	8	2500	Cu,Nb	3	Ci	6	5
Pembroke (St. Ann's H.)	997.5	+3	WNW	5	bc-	52	75	8	4000	Cu	5	-	10	•
Ross-on-Wye	996.3	+4	SW'S	2	orr	48	97	8	2500	Nb	10	-	9	•
Benson...	998.3	+3	SW	4	o/r	45	92	9	-	Cu	9			•
Andover	996.4	+2	WSW	3	b/r	47	92	8	4000	St,Cu	1	Ci	2	•
S. Farnborough ...	996.0	+3	WSW	4	c/r	49	97	9	2500	St,Cu	4	Ci	8	•
London (Kew Obsy.)...	995.5	+3	SSW	2	o/r	51	85	8	2500	St,Cu	6	A.St	9	•
Croydon	995.3	+3	SW	3	o/r	50	92	8	1500	St,Cu	8	A.St	10	•
Clacton-on-Sea ...	994.9	-2	WSW	5	o,c	56	85	7	1500	Cu,Nb	3	A.St	8	5
Shoeburyness	995.1	0	SW	6	c/r	53	75	8	3700	St,Cu	3	Ci	8	0
Grain	995.9	+1	SSW	5	o	53	85	8	2500	St	9	-	9	•
Lympne	995.6	+3	W	4	orr	51	92	7	1500	Nb	10	-	10	•
Scilly (St. Mary's) ...	1000.5	+4	W'N	6	b,R	52	92	8	4000	Cu,Nb	5	-	5	7
Falmouth (Pendennis)	1000.0	+5	W	4	bc	49	85	8	3700	Cu	4	-	4	0
Plymouth (Cattewater)	999.6	+8	W	3	o/-	48	85	8	2500	Nb	10	-	10	1
Portland Bill	999.5	+2	W	6	b-	54	75	7	4000	Cu	2	-	2	5
Southampton (Calshot)	997.4	+3	W'S	4	b,b	52	85	8	2500	Cu,Nb	2	Ci	3	0
Dungeness	998.7	-3	WSW	7	orr	53	97	7	2500	Nb	5	Ci.St	10	7
Jersey	1000.7	+1	W	6	c,R	54	75	8	2500	St,Cu	7	-	7	6
Guernsey	1000.4	+4	W	7	or	52	85	8	4000	Cu,Nb	3	-	9	•

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 16-17 °F.	Temperature. Max. Day. 17 °F.	Rainfall.† Night 17h.-9h. 17 mm.	Rainfall.† Day 9h.-17h. 17 mm.	Sunshine. Sunrise to 17h. 17 hr.	Sunshine. Sunrise to Sunset. 16 hr.
Montrose	arm	aRm	41	53	-	7	0.0	8.0
Berwick-on-Tweed	ogcg	upr,r	42	55	-	0.1	0.0	8.9
Llandudno	ood	r	46	55	1	1	0.0	3.7
Colwyn Bay ...	cp	cr	47	56	-	3	0.1	4.5
Rhyl...	co	co	41	57	-	-	1.0	5.4
Southport	co	o	45	54	1	-	0.0	7.1
Blackpool	o	or	45	54	2	0.4	0.0	5.4
Ilkley	ocbco	o	43	59	-	-	0.9	4.1
Harrogate	co	g	41	54	-	-	1.2	5.8
Skegness	b	b	42	64	1	-	9.0	7.5
Aberystwyth ...	ror	o	48	55	2	4	0.0	4.2
Bath	bcc	cbco	38	59	-	-	4.5	8.5
Leamington Spa ...	cb	cb	38	60	-	-	7.2	5.1
Lowestoft	b	b	43	62	-	-	11.0	10.7
Felixstowe	b	b	47	63	-	-	11.0	11.3
Southend	b	b	45	65	-	-	10.8	11.1

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 16-17 °F.	Temperature. Max. Day. 17 °F.	Rainfall.† Night 17h.-9h. 17 mm.	Rainfall.† Day 9h.-17h. 17 mm.	Sunshine. Sunrise to 17h. 17 hr.	Sunshine. Sunrise to Sunset. 16 hr.
Ilfracombe	ocbcc	cor	47	58	-	2	3.1	9.3
Bude	copor	orrr	45	58	-	2	0.3	10.4
Paignton	wbcqy	bccqr	40	60	-	-	6.7	9.5
Torquay	b	bcco	45	61	-	-	6.6	11.0
Weymouth	cbc	bc	49	62	-	-	8.9	11.4
Bournemouth ...	b	b	38	60	-	-	9.4	11.0
Portsmouth (S'thsea)	b	b	43	62	-	-	10.6	11.7
Littlehampton ...	bc	bc	42	60	-	-	10.8	11.3
Worthing	bc	b	41	60	-	-	10.8	11.5
Brighton	b	b	41	61	2	-	10.7	11.1
Eastbourne	bcb	b	42	62	-	-	10.3	12.4
Hastings	b	b	45	62	-	-	10.9	11.9
Folkestone	b	b	44	64	-	-	11.0	11.2
Dover	bccb	b	42	62	-	-	10.3	11.3
Tunbridge Wells ...	b	b	39	62	-	-	11.0	10.9
Ramsgate	b	b	42	*	-	-	10.8	11.5
Margate	b	b	45	64	-	-	10.9	11.5
Deal	bcb	b	41	64	-	-	10.8	11.7
							10.7	11.7

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22581 WEDNESDAY, 19th SEPTEMBER 1923.

Observations at 1800 G.M.T. 18th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	982·9	-2	-	0	orr	51	97	6	4000	Nb	10	-	10	•
Stornoway	990·0	+1	SW	2	c/r	54	75	7	4000	Nb	7	-	7	•
Wick	990·4	-1	NW	2	0⊕	53	75	8	4000	Cu	2	CiSt	10	•
Castlebay	991·9	+1	W	3	bc	53	85	8	2500	StCu	6	-	6	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	990·6	-1	NW	4	0	54	75	8	1500	Cu	1	ASt	10	1
Malin Head	992·4	+1	WNW	4	bcpr₀	52	92	8	5700	CuNb	4	CiCu	5	•
Renfrew	992·5	0	WNW	1	c-	54	75	8	2500	Cu	8	-	8	2
Edinburgh (Inchkeith)	991·4	+1	WSW	3	c/f	54	75	8	-	Cu	2	ASt	8	•
Leuchars	991·0	+0	WNW	3	o-	55	75	8	4000	Cu	2	ASt	9	0
Eskdalemuir	992·2	+1	WSW	3	bc	54	65	8	4000	StCu	5	ACu	6	1
Tynemouth	992·9	+1	W	1	or₀	51	92	6	1500	Nb	9	-	9	•
Blacksod Point	997·9	+4	WNW	5	0	53	85	8	*	*	*	*	10	•
Donaghadee	994·5	0	WSW	2	bc+	54	75	8	1500	Cu	5	-	5	•
Birr Castle	998·9	?	W	1	or	49	~~65~~ 92	6	2500	Nb	9	-	9	•
Holyhead	996·4	+3	WSW	5	bc	56	75	8	4000	Cu	4	-	4	0
Liverpool (Bidston)	996·0	+3	WSW	5	bcpr₀	54	65	8	1500	StCu	5	-	5	•
Chester (Shotwick)	996·3	+3	WNW	4	bcpr₀	58	55	8	4000	StCu	6	-	6	1
Spurn Head	995·5	+5	WSW	3	0	54	92	8	4000	Cu	3	ASt	9	•
Birmingham (Edgbaston)	997·9	+5	WSW	4	cjp	57	55	8	4000	CuNb	8	-	8	2
Nottingham	996·3	+4	W	5	bc-	58	85	7	1500	CuNb	4	-	4	•
Cranwell	996·9	+6	WSW	4	0	52	85	6	1500	StCu	9	-	9	2
Gorleston	997·4	+2	W'S	3	cpr₀	55	65	7	4000	Nb	8	-	8	•
Valencia (Cahirciveen)	1004·9	+6	WNW	5	cpr₀	53	75	8	1500	StCu	8	-	8	1
Roches Point	1002·6	+4	NW	4	cpr₀	52	85	8	2500	CuNb	8	-	8	•
Pembroke (St. Ann's H.)	1000·9	+2	WSW	6	bc	54	75	8	4000	Cu	6	-	6	•
Ross-on-Wye	999·3	+4	W	3	c-	56	65	9	4000	CuNb	7	-	7	2
Benson	999·6	+3	SW	4	c/r	59	65	8	*	CuNb	7	-	7	1
Andover	1001·0	+5	WSW	4	cjp	50	85	8	1500	CuNb	5	ASt	8	1
S. Farnborough	1000·4	+5	WSW	4	bc/r	53	75	8	2500	Cu	3	Ci	6	1
London (Kew Obsy.)	1000·6	+7	SW	4	bc	56	65	8	4000	Cu	1	Ci	6	1
Croydon	1001·0	+8	W'S	4	bc/r	55	65	8	2500	Cu	4	Ci	5	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	999·7	+5	WNW	5	bctl	56	75	8	1500	CuNb	4	Ci	6	*
Grain	999·9	+6	W	5	cjp	55	75	8	2500	CuNb	6	Ci	7	1
Lympne	1001·1	+4	W	4	opr₀	57	65	8	1500	CuNb	8	Ci	9	5
Scilly (St. Mary's)	1004·4	+3	W'N	6	bc	56	75	8	4000	CuNb	4	Ci	5	•
Falmouth (Pendennis)	1004·0	+4	WNW	5	c+	54	75	8	5700	StCu	7	-	7	•
Plymouth (Cattewater)	1003·7	+6	W	3	cPH	53	75	8	2500	CuNb	7	-	7	2
Portland Bill	1001·8	+4	WSW	6	cPR	55	75	7	2500	CuNb	8	-	8	•
Southampton (Calshot)	1001·9	+6	SW'W	5	c	59	66	8	2500	Cu	7	Ci	8	2
Dungeness	1000·6	+5	W	6	cjp	59	75	8	4000	CuNb	7	-	7	•
Jersey	1005·2	+1	W	6	c/r	58	65	8	1500	CuNb	8	-	8	•
Guernsey	1005·1	+4	W	6	cPR-	54	85	8	4000	Nb	7	-	7	•

Observations at 1800 G.M.T. 18th

STATIONS.	Barom. at M.S.L. m.b	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	990·5	-2	N	1	or₀r₀	49	97	6	4000	Nb	10	-	10	0
Stornoway	991·5	+2	NW	3	b-	50	85	8	4000	Cu	3	-	3	2
Wick	990·8	+1	WNW	2	0	51	85	8	4000	Cu	4	CiSt	10	0
Castlebay	994·8	+3	NW	4	bc	51	75	8	2500	StCu	6	-	6	4
Nairn	992·0	*	-	0	bc+	50	85	8	1500	CuNb	6	-	6	•
Aberdeen	991·8	+1	NW	1	c-	50	85	6	2500	StCu	8	-	8	1
Malin Head	996·6	-3	NW	5	bcpr₀	50	92	8	4000	CuNb	4	-	4	4
Renfrew	994·4	+2	WNW	1	cjp	50	85	7	4000	St	9	-	9	•
Edinburgh (Inchkeith)	992·1	+1	W	4	bc-	52	75	8	*	Cu	1	Ci	4	3
Leuchars	992·4	+2	W	3	c	52	75	8	5700	CuNb	2	Ci	8	*
Eskdalemuir	994·9	+3	-	0	bc/h	45	92	7	2500	StCu	5	-	5	•
Tynemouth	994·7	+2	W	1	bc-	54	85	6	4000	CuNb	2	Ci	5	1
Blacksod Point	1002·7	+3	W'N	5	c-	52	85	8	*	*	*	-	7	6
Donaghadee	997·2	+3	W	3	bc+	51	85	8	1500	Cu	5	-	5	3
Birr Castle	1002·8	*	W	1	bc-	51	75	7	2500	Cu	6	-	6	•
Holyhead	998·7	+3	W	6	bc	53	85	8	4000	Cu	2	CiCu	4	5
Liverpool (Bidston)	996·7	+2	WSW	4	o/r	48	97	7	1500	CuNb	10	-	10	5
Chester (Shotwick)	998·2	+2	WSW	4	c/r	52	75	8	1500	Nb	7	Ci	8	•
Spurn Head	998·1	+4	SW	3	0	53	85	8	4000	Nb	10	-	10	1
Birmingham (Edgbaston)	1000·8	+3	SSW	5	cjp	50	75	8	2500	CuNb	7	-	7	•
Nottingham	998·8	+2	SW	3	c	53	75	6	800	Nb	7	-	7	•
Cranwell	999·1	+3	WSW	4	c/r	54	85	8	2500	Nb	8	-	8	•
Gorleston	1001·6	+3	S'W	3	bc-	52	85	7	2500	Nb	4	CiCu	5	1
Valencia (Cahirciveen)	1007·7	+3	WNW	4	bpr₀	52	75	8	2500	StCu	3	-	3	6
Roches Point	1005·9	+4	WNW	2	b	51	85	8	4000	CuNb	2	-	2	1
Pembroke (St. Ann's H.)	1003·7	+4	W	6	bcjp	53	75	8	2500	Cu	4	Ci	6	6
Ross-on-Wye	1002·0	+3	WSW	2	opr₀	51	85	9	4000	CuNb	8	Ci	9	•
Benson	1002·6	+3	SW	1	b	53	65	8	*	Cu	1	Ci	2	•
Andover	1003·1	+2	WSW	4	cjp	52	75	8	2500	CuNb	4	Ci	8	•
S. Farnborough	1003·0	+1	SW	2	bc/r	52	85	8	2500	CuNb	2	Ci	6	•
London (Kew Obsy.)	1003·1	+3	SW	2	b	55	65	8	-	-	0	Ci	1	•
Croydon	1003·1	+2	SW'S	2	bc/r	52	75	7	2500	Cu	1	Ci	4	•
Clacton-on-Sea	1002·9	+3	SW	5	c-	56	65	7	2500	CuNb	4	Ci	7	4
Shoeburyness	1003·4	+4	WSW	2	b-	54	75	7	-	-	0	A·St	1	*
Grain	1003·2	+4	SW'S	4	b-	54	75	7	5700	StCu	1	CiSt	2	0
Lympne	1003·1	0	W'S	4	bc	52	75	8	1500	Cu	4	A·St	6	•
Scilly (St. Mary's)	1007·5	+3	WNW	6	bc	54	85	8	4000	CuNb	5	-	5	7
Falmouth (Pendennis)	1008·3	+5	WNW	3	cR	52	85	8	5700	CuNb	7	-	7	0
Plymouth (Cattewater)	1006·7	+4	W	3	cPR-	52	75	8	1500	CuNb	9	-	9	0
Portland Bill	1003·8	+4	WSW	6	c	56	65	7	2500	CuNb	8	-	8	5
Southampton (Calshot)	1004·0	+2	SWW	4	bcjp	55	65	7	1500	CuNb	4	CiSt	5	1
Dungeness	1003·1	+2	W	6	cpr₀	55	92	8	4000	CuNb	7	-	7	6
Jersey	1007·0	0	SW	6	c/r	55	75	8	4000	St·Cu	7	-	7	6
Guernsey	1007·4	+3	W	7	cdo	53	85	8	2500	Nb	8	-	8	5

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 19th								YESTERDAY.	YESTERDAY.	TO-DAY.
Kew / Croydon } 24 hours ended 0700	18	bo/fhbc	bcocb	bbubu	*	*	39	1	-	6·0	*	*
Greenwich (Royal Obsy.)	244	obbr	bcpra	bcbbu	*	*	40	1	-	6·4	*	*
City (Bunhill Row)	149	borf	ob	b	61	44	37	1	-	5·9	61	70
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	-	5·4	*	*
Regent's Pk. (Botanic Gdns.)	27	*	*	*	59	42	41	1	-	5·5	61	56
Camden Square	—	*	*	*	*	*	*	*	-	4·4	*	*
Kensington Palace	110	cobo	cb	*	60	43	39	1	-	*	*	75
Hampstead Observatory	80	ocfbr	obc	*	59	44	40	3	-	*	60 (184)	74
	450	*	*	*	57	42	39	1	-	6·1	*	75

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 18th

South Kensington

Max.	Time.	Min.	Time.
0·6	2300 17th	<0·3	0300 16th
0·3	1100 18th		0500 18th

Kew Observatory

Max.	Time.	Min.	Time.
0·4	2000 17th	<0·3	0300 18th
0·4	0700 18th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 18 h. 15 m. to 19th 04 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9·30	9·0	95
β Ursae Minoris	9·30	8·56	94

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 to 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
13h.	C,C2	6	-	20°
13h.	C,C2	6	-	160°
01h.	C3	6	-	145°
07h.	C2	6	-	100°

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

19th & 20th SEPT., 1923

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·34 / 5·36	11·47 / 11·46	6·0 / 5·57
Greenwich	5·42 / 5·44	11·54 / 11·53	6·6 / 6·3
Wick	5·51 / 5·53	12·6 / 12·5	6·21 / 6·18
Valencia	6·32 / 6·24	12·35 / 12·34	6·48 / 6·45

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

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

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus—bc/r = fair weather after rain; - = "decreasing"; + = "increasing."

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

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

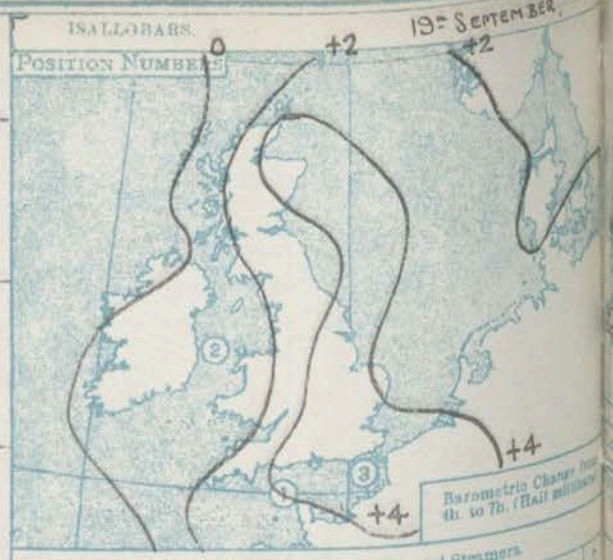
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 18th	18h.-18h. 18th	18h. to 1h. 18th–19th	1h.-7h. 19th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	Sun. 18th Hours.
Lerwick	omr	omr	o	bcp	51	46	•	10	1	<0800	<2100	0.0
Stornoway	p	c	p	oo	57	43	•	0.4	2	-	-	8.6
Wick	oo	oo	bbc	c	54	42	•	-	-	-	-	•
Castlebay	bc	cpbc	bcpbo	obcop	54	47	•	0.1	1	-	-	9.6
Nairn	bcg	bcpc	cg	cg	57	44	•	1	-	1730	-	5.3
Aberdeen	oo	ocm	cnb	b	55	41	32	-	-	-	-	0.1
Malin Head	bcpro	bcpr	PRbc	bcco	53	47	•	0.2	2	0900	<2100	7.7
Renfrew	omc	cfrc	opoc	co	57	42	30	trace	0.4	1430	<2100	4.6
Edinburgh (Inchkeith)	c	c	bcbm	bo	56	45	42	-	-	-	-	5.2
Leuchars	oo	pcypr	cbcbw	bbccw	60	40	25	0.3	0.1	1630	-	2.8
Eskdalemuir	ocbc	bcplr	bcb	bbccopo	55	38	34	1	0.1	1630	-	5.0
Tynemouth	rorm	cir	bbc	bbcm	57	45	40	3	-	<0800	-	•
Blacksod Point	p	p	p	p	55	44	•	4	3	-	-	•
Donaghadee	bc	bcp	bc	c	58	42	•	1	-	1530	-	•
Birr Castle		copr	cprc	coprc	55	42	33	2	2	1100	-	6.8
Holyhead	bbc	bcrbc	cpqcq	bccow	57	49	45	1	0.5	1730	<2100	7.5
Liverpool (Bidston)	opbc	bcp	cf	o	56	48	46	3	3	<0800	<2100	5.9
Chester (Shotwick)	opRhqcpr	copreprtq	ocpRm	cpRmdc	59	44	37	6	1	<0800	<2100	6.0
Spurn Head	oo	tlRc	opllbcl	bbc	57	47	•	5	trace	<0800	-	2.4
Birmingham (Edgbaston)	obcc	tcRp	bcb	ocb	59	42	38	1	-	1530	-	4.7
Nottingham	opc	cp	cb	bbc	59	42	38	1	-	<0800	-	4.1
Cranwell	odod	orc	bpbc	bbc	58	44	40	1	trace	<0800	<2100	2.9
Gorleston	cpl	oprbc	bl	bbc	61	44	41	1	-	<0800	-	4.1
Valencia (Cahirciveen)	copc	cbcpb	bcp	opo	55	50	44	1	2	0900	<2100	5.6
Roches Point	cp	cpb	cpb	bo	56	47	*	1	0.1	1100	<2100	*
Pembroke (St. Ann's H.)	cq	bcqpm	c	bccq	55	52	•	1	-	1530	-	8.7
Ross-on-Wye	rcbcpc	bcvcpo	cbcvprb	bb	59	43	38	2	trace	<0800	<2100	4.2
Benson	roc	bcb	bbcb	bbw	59	40	30	2	trace	0900	-	•
Andover	bopr	cfPr	cprbc	bcbw	59	39	31	2	0.2	0900	<2100	5.3
S. Farnborough	cprbc	lRcbc	bcwl	bw	60	40	36	2	trace	0900	-	5.6
London (Kew Obsy.)	bcclpbc	bcocb	bbw	bwbw	58	44	39	1	-	1100	-	6.0
Croydon	obpr	bcprq	bclb	blw	59	46	40	1	-	1100	-	6.4
Clacton-on-Sea	ogc	cpbcc	cbc	bc	62	46	44	2	-	1230	-	6.4
Shoeburyness	cprqjtbc	bcb	b	bm	63	45	42	0.2	-	1100	-	7.5
Grain	cprht	cbcb	b	bmw	61	44	39	2	-	0900	-	7.3
Lympne	ocprt	obc	bccc	cbcbw	59	40	36	1	trace	~~1330~~ 0800		6.9
Scilly (St. Mary's)	bcqp	bcq	bcq	bcqb	58	49	•	0.5	1	<0800	<2100	7.6
Falmouth (Pendennis)	bc	bcr	bcrbc	bc	58	48	•	2	trace	0900	<2100	6.2
Plymouth (Cattewater)	orphc	opc	opb	bocw	58	47	?	2	0.5	<0800	<2100	5.2
Portland Bill	c	p	p	c	58	52	•	1	trace	1100	2100	•
Southampton (Calshot)	p	cpbc	b	bbc	59	46	43	1	-	0900	-	7.8
Dungeness	qrcrq	c	qprtltc	c	60	46	•	2	0.3	0800	-	•
Jersey	oqpo	oqpc	cp	cp	61	51	•	2	3	0900	2400	2.4
Guernsey	cp	cid	cbc	bc	59	51	•	2	1	<0800	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	18th-1005	ANGLIA	W'S	?	bc	54	55
1	18th-1200	IBEX	WNW	6	PR-	56	53
3	19th-0400	BRIGHTON	WNW	5	R-	60	56

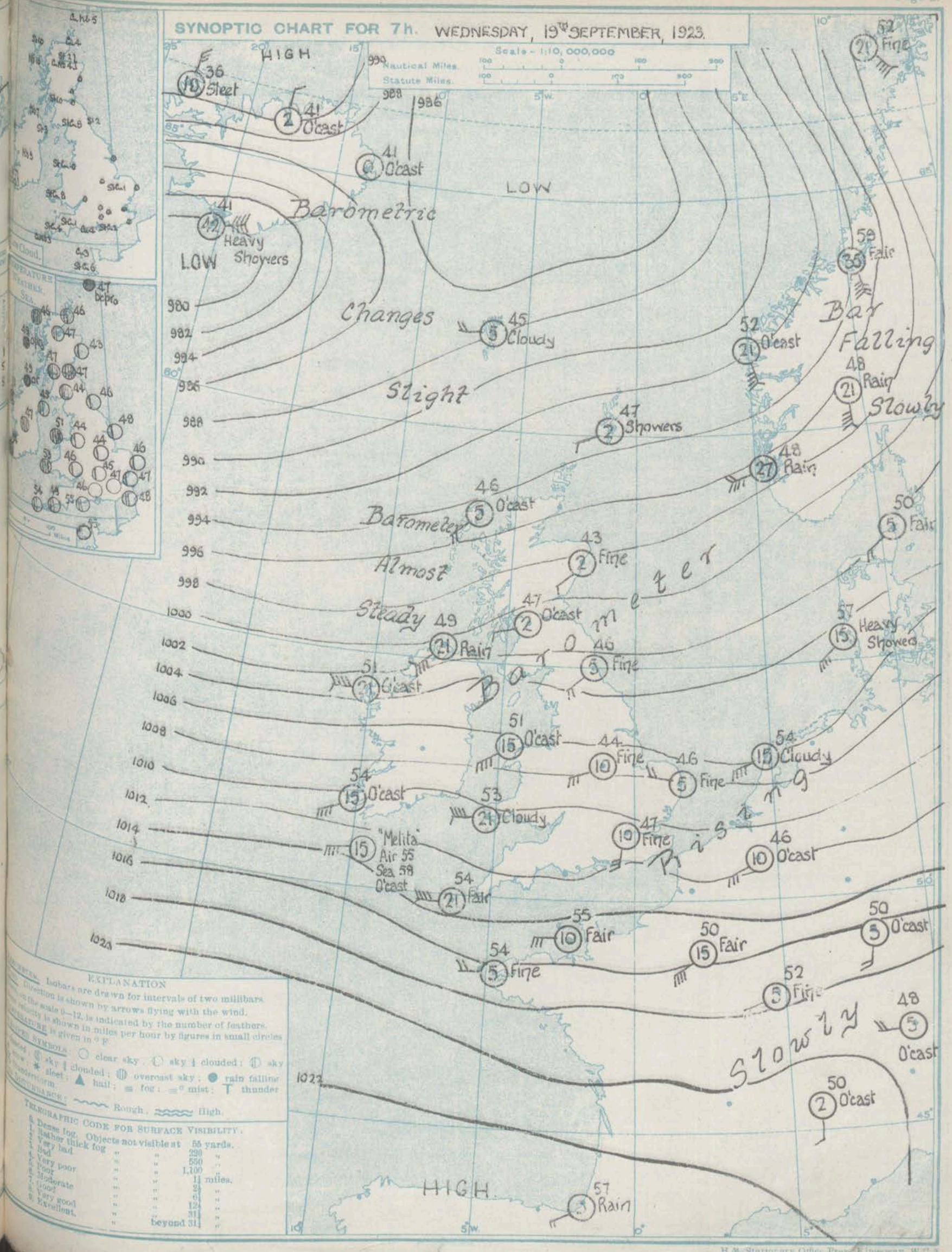
GENERAL INFERENCE.

Another considerable depression which has developed off Southwest Iceland will cause further rain in the Northern districts. Showers due to small secondary disturbances will occur locally in the South.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 19th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind W. to S.W., moderate; local showers probable but considerable fair periods; visibility good; cool.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales	Wind between S.W. and N.W., moderate or fresh; some rain or showers, bright intervals; visibility mainly good; cool.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind S.W. to W., moderate to strong; cloudy, some rain; visibility moderate to good; cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between S.W. and N.W., strong at times; cloudy, some rain, bright intervals later; visibility moderate to good; cool.	

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. WEDNESDAY, 19th SEPTEMBER 1923. No. 262.

Observations at 0100 G.M.T. 19th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	9925	+2	NW	1	o	49	92	6	-	-	0	A.St	9
Stornoway	51	9942	+3	-	0	bc-	•	•	6	•	•	•	•	•
Wick	81	9934	+1	W	2	b	43	97	8	-	-	0	-	0
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1000.6	+2	WNW	5	b/r	49	85	8	5700	CuNb	2	-	2
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	9969	+1	SW	4	b/f	48	85	7	-	-	0	-	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	9992	+3	W	1	b	46	97	7	-	-	0	-	0
Blacksod Point	10	1005.0	0	W	5	b-	55	85	7	*	*	*	*	3
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1005.0	+3	W	5	b-	51	92	8	2500	Cu	3	-	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1000.7	+2	SW	5	b	49	97	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1004.0	+5	W'S	4	b+	46	97	7	4000	StCu	3	-	3
Gorleston	13	1005.1	+2	SW	3	b	47	85	7	-	-	0	-	0
Valencia (Cahirciveen)	30	1003.7	+2	SW	1	cpb	50	97	8	-	St	7	-	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1008.3	+4	WNW	4	bc	52	75	8	4000	Cu	4	-	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	47	•	•	•	•	•	•	•
Croydon	244	1007.5	+4	WSW	3	b-	47	85	7	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1006.3	+3	WNW	4	ctl	44	85	8	2500	CuNb	7	-	7
Scilly (St. Mary's)	131	1011.5	+2	W'N	6	bc	54	85	8	4000	CuNb	4	-	4
Falmouth (Pendennis)	200	1013.2	+5	W	2	bp	50	75	8	5700	Cu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	13	1008.2	+4	WNW	6	b-	55	65	7	-	-	0	-	0
Southampton (Calshot)	12	1008.9	+3	WSW	4	b	47	85	8	-	-	0	-	0
Dungeness	21	1007.3	+4	WNW	4	bc-	49	92	8	5700	CuNb	5	-	5
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1011.9	+3	W	6	o/r	53	85	7	-	-	-	-	-

Observations at 0700 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun 0-9
Lerwick	993.8	+2	WSW	1	bcpr	47	92	7	4000	CuNb	5	Ci	6	0
Stornoway	994.0	0	SW	2	o	46	92	6	450	St	10	-	10	1
Wick	995.8	+4	SW	2	bc+	46	92	8	5700	Cu	4	Ci	6	0
Castlebay	997.8	0	W	4	opr	49	92	6	1500	Nb	10	-	10	4
Nairn	997.5	•	-	0	bc	47	85	8	1500	CuNb	10	-	6	•
Aberdeen	999.1	+4	SW	1	b	43	92	8	-	-	6	Ci.Cu	1	0
Malin Head	1000.1	-1	SW	5	or	49	97	7	4000	Nb	7	A.St	10	4
Renfrew	1001.1	+2	WSW	1	o	47	85	7	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1000.7	+3	SW	4	o+	47	85	7	-	-	0	Ci.St	9	2
Leuchars	999.8	+3	SW	2	c	45	85	7	-	-	0	Ci	7	•
Eskdalemuir	1002.0	+2	SW	3	o	44	92	7	1500	StCu	8	Ci	9	•
Tynemouth	1002.5	+2	SW	2	b	46	92	6	800	St	2	-	2	0
Blacksod Point	1004.1	0	W	5	o	51	92	8	*	*	*	*	*	4
Donaghadee	1004.6	0	SSW	3	bc-	45	92	8	1500	St	3	A.St	5	3
Birr Castle	1006.7	•	SW	1	o+	47	97	6	2500	Nb	9	-	9	•
Holyhead	1006.5	+1	SW'W	4	o	51	92	8	4000	StCu	10	-	10	3
Liverpool (Bidston)	1006.6	+3	WSW	5	bc/r	48	85	8	4000	[illegible]	2	[illegible]	3	6
Chester (Shotwick)	1007.1	+3	SSW	3	b	44	85	8	4000	StCu	1	Ci	3	•
Spurn Head	1005.6	+4	W'S	2	b	48	92	7	-	-	0	A.Cu	3	2
Birmingham (Edgbaston)	1003.2	+3	SSW	4	b	45	85	8	-	-	0	Ci	2	•
Nottingham	1007.3	+4	N	3	b	44	92	5	-	-	0	Ci	1	•
Cranwell	1001.8	+6	WSW	4	b	48	97	6	4000	StCu	1	-	1	•
Gorleston	1008.1	+3	WNW	2	b	46	85	7	-	-	0	-	0	0
Valencia (Cahirciveen)	1010.3	+1	W'S	4	o	54	85	7	1500	St	10	-	10	4
Roches Point	1010.0	0	WSW	2	o	49	97	8	5700	StCu	5	A.St	10	0
Pembroke (St. Ann's H.)	1010.1	+1	W	5	c+	53	75	8	4000	StCu	8	-	8	5
Ross-on-Wye	1010.0	+3	SW'S	3	b+	46	85	8	-	-	8	Ci	3	•
Benson	1010.5	+4	WSW	3	b	45	92	8	-	-	0	Ci	1	•
Andover	1011.2	+4	W	2	bc	42	97	8	-	-	0	Ci	4	•
S. Farnborough	1011.3	+4	W	3	b	46	97	8	-	-	0	-	0	•
London (Kew Obsy.)	1011.0	+4	SSW	3	b	47	85	7	-	-	0	-	0	•
Croydon	1010.7	+3	WSW	3	b	47	85	7	-	-	0	-	0	0
Clacton-on-Sea	1008.3	+4	W	3	b	47	85	7	-	-	0	A.St	3	1
Shoeburyness	1010.2	+3	WSW	4	mb-	49	75	6	-	-	0	-	0	•
Grain	1010.5	+5	WSW	4	b	49	85	6	-	-	0	-	0	•
Lympne	1011.2	+4	WNW	3	bc	41	92	7	4000	Cu	2	ACu	4	•
Scilly (St. Mary's)	1012.6	+2	W	5	bc	54	92	8	4000	CuNb	3	Ci	5	5
Falmouth (Pendennis)	1013.0	+3	W	2	bc+	49	75	8	4000	StCu	4	-	4	0
Plymouth (Cattewater)	1012.9	+2	W	2	c-	49	85	8	2500	StCu	1	Ci.St	7	5
Portland Bill	1011.0	+4	WNW	6	bc+	55	65	7	4000	Cu	4	-	4	0
Southampton (Calshot)	1012.1	+4	SW'W	3	b	48	85	8	5700	StCu	7	Ci	3	4
Dungeness	1011.4	+4	NW	4	bc-	48	97	8	-	-	0	Ci.Cu	4	4
Jersey	1014.8	+1	W	3	bc/r	55	75	8	4000	StCu	6	Ci	6	3
Guernsey	1014.1	+2	W	4	bc+	53	85	8	5700	Cu	3		5	3

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 17-18. °F.	Temperature. Max. Day. 18. °F.	Rainfall.† Night 17h.-9h. 17-18. mm.	Rainfall.† Day 9h.-17h. 18. mm.	Sunshine. Sunrise to 17h. 18. hr.	Sunshine. Sunrise to Sunset. 17. hr.
Montrose	oc	c	46	57	4	-	1·1	0·0
Berwick-on-Tweed	cooz	cpxbc	47	56	2	0·1	0·4	0·0
Llandudno	cbpcb	cpc	50	57	5	1	5·9	0·0
Colwyn Bay	cph	cp	48	57	14	3	6·6	0·1
Rhyl	rbc	bc	49	58	10	0·2	7·0	1·0
Southport	becbc	corc	49	57	8	2	6·8	0·0
Blackpool	cbc	lrcou	50	57	6	3	5·5	0·0
Ilkley	oimpc	bcpo	47	58	15	2	4·7	0·9
Harrogate	cb	bop	46	57	13	1	5·2	1·2
Skegness	b	or	49	58	3	1	2·8	9·8
Aberystwyth	rcb	b	50	56	14	-	7·0	0·0
Bath	pobcb	cbcb	49	60	11	Trace	5·5	4·5
Leamington Spa	cbc	boc	47	59	7	-	4·8	7·2
Lowestoft	ocbcb	copcbco	50	62	1	1	4·5	11·1
Felixstowe	bcp	cbc	53	61	0·4	0·2	6·0	11·5
Southend	bcc	pbc	46	62	-	0·3	6·6	11·3
Dover								
Ilfracombe	cp	cp	49	57	15	0·4	6·5	0·3
Bude	p	bc	49	59	11	1	5·8	6·7
Paignton	bc	bcopgo	46	60	15	3	3·5	6·6
Torquay	p	p	47	59	13	2	4·2	9·1
Weymouth	rbc	bc	51	60	17	1	5·2	9·4
Bournemouth	bcc	bc	48	60	5	0·3	6·5	10·9
Portsmouth (S'thsea)	bcd	bcp	51	60	6	0·2	8·0	11·2
Littlehampton	bcp	bc	51	59	3	0·1	6·6	11·5
Worthing	cbc	cbcb	51	60	6	-	6·0	11·0
Brighton	rorc	ocbbc	47	59	6	2	5·8	11·6
Eastbourne	cirebc	bccrc	51	60	9	3	6·0	11·7
Hastings	bbcopc	bccop	51	60	6	1	5·8	11·0
Folkestone	cin	cpc	52	59	3	4	6·1	10·9
Dover	cor	ciro	53	59	3	1	7·3	11·6
Tunbridge Wells	bcohp	bcbbc	49	60	1	0·3	6·3	11·2
Ramsgate	bdbbc	bcrbc	52	*	1	1	5·5	11·6
Margate	bbc	cptbc	52	61	1	1	6·0	11·3
Deal	rqc	pbcc	51	61	5	1	6·0	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22582 THURSDAY, 20TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 19th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	995·0	+2	SW	3	bc/p	52	75	7	4000	CuNb	6	-	6	•
Stornoway	991·9	-3	SW	4	cpr	52	85	6	4000	Nb	8	-	8	•
Wick	994·8	-2	SW	3	or	49	92	8	2500	Nb	7	ASr	10	•
Castlebay	995·4	-1	W	5	cpr	53	92	7	1500	CuNb	7	-	7	•
Kairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	998·7	+0	SSW	3	or	51	85	7	2500	Nb	2	ASr	10	1
Malin Head	999·3	-1	WSW	5	o/r	54	92	7	2500	Sr	9	-	9	•
Renfrew	1000·0	-2	SW	4	orr	52	85	7	1500	Nb	10	-	10	2
Edinburgh (Inchkeith)	999·8	-2	SW	5	o/r	51	85	8	*	Sr	10	-	10	•
Leuchars	999·2	-2	SW	4	o+	52	85	7	2500	StCu	10	-	10	5
Eskdalemuir	1001·9	-1	SW	5	or	48	85	7	800	Nb	10	-	10	2
Tynemouth	1003·7	0	SW	2	ojp	53	75	5	800	Sr	10	-	10	•
Blacksod Point	1003·9	-0	W	6	o	55	85	8	*	*	*	*	10	•
Donaghadee	1003·6	-1	WSW	3	o-	52	85	8	1500	Sr	10	-	10	•
Kerr Castle	1007·1	*	SW	1	or	52	92	6	2500	Nb	9	-	9	•
Holyhead	1006·4	-0	SW'W	4	or	52	97	7	2500	Nb	10	-	10	1
Liverpool (Bidston)	1006·5	+1	WSW	3	or	51	92	7	1500	Sr	10	-	10	•
Chester (Shotwick)	1006·9	-1	WSW	3	orr	53	85	8	1500	Nb	7	ASr	10	2
Spurn Head	1007·1	+1	WSW	5	o	55	85	7	4000	StCu	10	-	10	•
Birmingham (Edgbaston)	1009·4	-1	S	4	orr	50	85	6	4000	Nb	10	-	10	2
Nottingham	1008·4	0	WSW	3	or+	52	85	6	2500	Nb	10	-	10	•
Cranwell	1009·2	+1	SW	4	orr	53	92	7	1500	Nb	6	ASr	10	1
Coleston	1010·3	+2	SW	4	bc+	59	75	7	4000	Cu	6	-	6	•
Valencia (Oahirciveen)	1011·3	+1	WSW	5	c-	56	85	8	1500	StCu	7	-	7	1
Roches Point	1010·7	0	W	4	opr	55	92	8	2500	CuNb	9	-	9	•
Pembroke (St. Ann's H.)	1009·8	0	W	7	or	54	85	7	1500	Nb	10	-	10	•
Ross-on-Wye	1010·0	0	SW	3	or	52	92	6	2500	Nb	10	-	10	1
Hanson	1011·0	-1	SW	3	o+	56	75	8	*	StCu	10	-	10	0
Andover	1011·8	+0	SW'W	4	o/r	55	75	8	2500	StCu	5	ASr	10	1
N. Farnborough	1012·1	+0	W	2	o/r	56	85	7	1500	Nb	10	-	10	1
London (Kew Obsy.)	1012·0	+0	SW'S	3	o	57	65	8	4000	StCu	3	ASr	10	1
Croydon	1012·2	0	W'S	2	o/r	54	75	8	2500	StCu	9	-	9	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1011·9	+1	WSW	4	bc/f	61	55	8	4000	Cu	2	CiSr	6	*
Grain	1012·0	0	WSW	5	c/r	58	55	8	4000	Cu	7	Ci	8	0
Lympne	1012·4	+1	WSW	5	o+	59	55	8	4000	Cu	8	CiSr	9	0
Scilly (St. Mary's)	1014·1	+2	W	5	cpr	57	92	7	4000	StCu	7	-	7	•
Falmouth (Pendennis)	1013·2	0	W	4	cpr	56	85	8	4000	CuNb	8	-	8	•
Plymouth (Cattewater)	1013·2	0	W	5	o/r	53	85	8	2500	Sr	10	-	10	2
Portland Bill	1013·2	+3	WNW	6	o+	57	65	7	1500	Nb	10	-	10	•
Southampton (Calshot)	1012·9	+0	SW	5	o	58	65	8	4000	StCu	7	ASr	10	2
Dungeness	1012·2	+1	SW	5	c+	61	65	8	4000	CuNb	4	CiCu	8	•
Jersey	1016·3	+1	W	3	o/r	58	75	8	4000	StCu	10	-	10	•
Guernsey	1015·8	+2	W	5	opr	56	85	8	4000	Nb	10	-	10	•

Observations at 1800 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b	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	994·8	-1	SSW	3	o	50	85	7	2500	Sr	6	ASr	10	2
Stornoway	992·2	0	W	3	b/r	48	85	8	4000	Cu	3	-	3	2
Wick	992·7	-2	SW	3	or-	48	92	8	2500	Nb	6	ASr	9	0
Castlebay	995·8	0	W	5	bc	50	75	8	2500	CuNb	4	-	4	5
Kairn	993·7	*	-	0	c/r	49	92	8	4000	CuNb	7	-	7	•
Aberdeen	995·6	-3	SSW	2	or	52	85	7	1500	StCu	9	-	9	0
Malin Head	998·5	+1	SW	6	ojp	51	85	8	4000	Nb	7	-	7	6
Renfrew	997·9	-2	WSW	2	bc/r	49	85	7	5700	StCu	4	-	4	•
Edinburgh (Inchkeith)	996·4	-4	SW	4	or	51	92	7	*	Nb	5	ASr	10	2
Leuchars	996·2	-3	SW	3	o/r	51	85	7	1500	Sr	10	-	10	•
Eskdalemuir	998·8	-3	SW'S	5	orr	49	92	5	450	Nb	10	-	10	•
Tynemouth	1001·0	-2	SW	2	o/r	52	85	5	800	Nb	10	-	10	0
Blacksod Point	1005·0	+1	W	6	o	53	65	8	*	*	*	*	10	6
Donaghadee	1002·1	-1	SW	3	c/r	52	85	8	1500	Sr	8	-	8	2
Kerr Castle	1006·1	*	W	2	or	53	85	6	1500	Nb	10	-	10	•
Holyhead	1005·1	-2	SW'W	4	ojp	54	97	7	2500	StCu	10	-	10	4
Liverpool (Bidston)	1004·8	-2	SW'W	3	o/r	52	85	7	2500	StCu	10	-	10	4
Chester (Shotwick)	1005·2	-2	SW	3	c/r	54	85	8	4000	StCu	6	ACu	8	•
Spurn Head	1005·3	-2	SSW	5	o	52	97	7	4000	StCu	4	ASr	10	4
Birmingham (Edgbaston)	1007·8	-0	S	4	o/r	50	97	7	2500	Nb	9	-	9	•
Nottingham	1006·4	-2	SW	3	o	53	92	6	2500	Nb	10	-	10	•
Cranwell	1007·4	-2	SW'S	4	o	51	97	7	1500	Nb	7	ASr	10	•
Coleston	1010·3	0	SW	3	od	52	85	6	4000	Nb	10	-	10	1
Valencia (Oahirciveen)	1011·0	0	WSW	5	c-	55	85	7	1500	Sr	5	ACu	7	6
Roches Point	1009·8	0	WSW	3	c-	55	92	8	2500	StCu	8	-	8	0
Pembroke (St. Ann's H.)	1009·4	-1	WSW	7	c	55	85	8	1500	Sr	8	-	8	6
Ross-on-Wye	1008·5	-2	SW	2	o+	53	85	7	2500	Nb	7	ASr	9	•
Hanson	1009·3	-1	SW	2	ocr	52	97	6	*	Nb	10	-	10	•
Andover	1010·6	-1	SW'W	4	o/r	52	92	8	4000	StCu	6	ASr	9	•
N. Farnborough	1010·8	-1	WSW	4	ocr	52	97	7	1500	Nb	10	-	10	•
London (Kew Obsy.)	1010·7	-2	SSW	2	od	54	85	6	4000	Nb	9	ACu	10	•
Croydon	1011·3	-1	SW	2	odd	51	92	7	1500	Nb	7	ASr	10	•
Clacton-on-Sea	1010·4	-1	SW	3	opr	55	75	7	1500	Cu	1	ASr	10	0
Shoeburyness	1010·9	-2	W'S	2	or	54	85	6	1500	Nb	5	ASr	10	•
Grain	1011·2	-1	SW	5	or	53	85	8	1500	Nb	10	-	10	0
Lympne	1011·6	0	W	4	orr	51	92	6	1500	Nb	10	-	10	•
Scilly (St. Mary's)	1014·5	0	W'N	6	cpr	56	92	7	4000	CuNb	7	-	7	5
Falmouth (Pendennis)	1013·1	0	W	6	c+	55	85	7	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1013·0	0	W	5	o/r	55	85	7	1500	Sr	10	-	10	4
Portland Bill	1012·5	-1	W	6	or	57	75	7	1500	Nb	10	-	10	5
Southampton (Calshot)	1011·7	-2	SW'W	4	o-	55	85	7	4000	Sr	8	ASr	10	0
Dungeness	1011·8	0	WSW	5	orr	54	92	7	4000	Nb	10	-	10	5
Jersey	1016·0	0	W	4	o/r	53	75	6	2500	StCu	10	-	10	3
Guernsey	1015·7	-1	W	6	opr	56	85	8	2500	StCu	10	-	10	3

LONDON OBSERVATIONS

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T.								YESTERDAY.		TO-DAY.
Kew ... Croydon } 24 hours ended 0700	18	bcobo	oird	odrb	*	*	42	1	1	4.3	*	*
Greenwich (Royal Obsy.)	244	bo/r	obrd	odrbr	*	*	41	06	1	5.0	*	*
City (Bunhill Row)	149	bc	codr	odpb	61	47	40	05	1	5.9	61	68
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	3.3	*	*
Regent's Pk. (Botanic Gdns.)	27	*	*	*	58	45	43	2	*	4.8	61	65
Camden Square	–	*	*	*	*	*	*	*	*	4.1	*	*
Kensington Palace	110	bbcc	oor0	*	60	46	41	1	2	*	*	73
Hampstead Observatory	80	bbco	odr	*	59	44	41	1	2	5.2	93 (8h.)	64
	450	*	*	*	57	45	41	2	2	*	*	69

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 19th

South Kensington

Max.	Time.	Min.	Time.
0·6	19h. 40m.	0·3	22h. 19m.
0·6	7h. 19m.		

Kew Observatory

Max.	Time.	Min.	Time.
0·5	19h. 18m.	0·3	2h. 19m.
0·4	8h. 19m.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19h. 19m. 15s. to 20h. 04m. 45s.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9 30	1 29	16
δ Ursæ Minoris	9·30	1·29	16

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 = 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).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
18h.	F.2	6	1	130°
18h.	C.9	7	1	125°
19h.	E.C.2	5	-	40°
19h.	E.2	6	-	125°

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

20th & 21st Sept. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·36 / 5·39	11·46 / 11·46	5·51 / 5·54
Greenwich	5·44 / 5·46	11·53 / 11·53	6·3 / 6·1
Wick	5·53 / 5·55	12·5 / 12·5	6·18 / 6·15
Valencia	6·24 / 6·27	12·34 / 12·34	6·45 / 6·42

BEAUFORT NOTATION OF WEATHER.

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

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

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

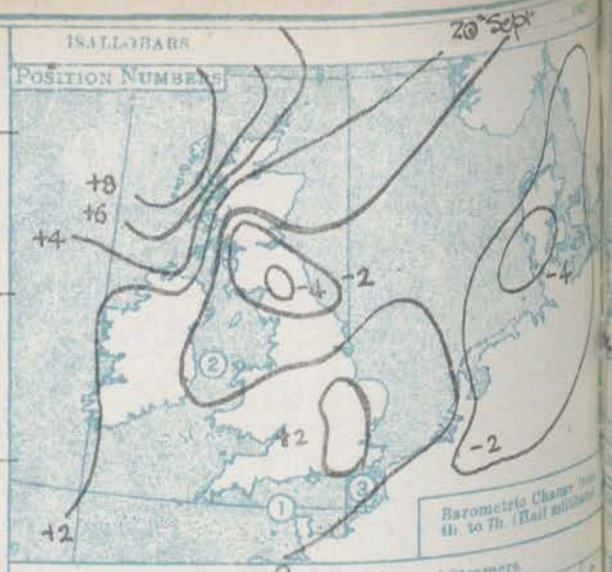
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. ‡ For code see page 4.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.–13h. 19th	13h.–18h. 19th	18h. to 1h. 19th–20th	1h.–7h. 20th	TEMPERATURE. MAX. Day. 7h.–18h.	MIN. Night. 18h.–7h.	MIN. on GRASS	RAINFALL.† Day. 7h.–18h. mm.	Night. 18h.–7h. mm.	Precipitation began.	Precipitation began.	SUN. 19th Hours.
Lerwick	bc	co	or	o	52	45	.	0.1	2	<0800	<2100	5.4
Stornoway	p	p	p	p	53	40	.	4	9	–	–	2.6
Wick	coir.	oir	bbc	b.bc	51	34	.	2	0.2	1100	<2100	.
Castlebay	opep	copbc	bcop	opbc	54	47	.	6	6	–	–	2.9
Nairn	cbcgc	cprg	cir bc	bcbx	57	34	.	1	1	1630	2200	0.9
Aberdeen	bcoop.	oir.m	miroc	bbcx	55	35	25	trace	1	1230	<2100	4.1
Malin Head	iRc	co	oir.opR	copR	53	44	.	5	3	<0800	<2100	1.0
Renfrew	Rr.	or.r	bcco	oorr	53	42	35	5	8	<0800	0330	0.4
Edinburgh (Inchkeith)	ir.	oir.	p	p	53	43	40	1	3	0900	<2100	0.7
Leuchars	copr	opr	ocbcb	bcco.r.	54	36	25	0.3	2	<0800	0630	2.7
Eskdalemuir	ooir	ocmor	ormc	coor	50	35	32	2	7	1100	<2100	0.0
Tynemouth	omir.	omir.	r.dm	cmm	54	42	36	0.5	0.5	1100	<2100	.
Blacksod Point ...	p	p	p	p	55	41	.	7	1	–	–	.
Donaghadee	od	cp	cpbc	cp	55	41	.	1	7	<0800	0330	.
Birr Castle	coir	cor.c	oirco	co	56	43	36	2	0.4	1100	<2100	0.4
Holyhead	oorir	orir	oirq	ooq	56	49	45	3	2	<0800	<2100	0.0
Liverpool (Bidston) ...	copr	o	r	ochq	55	46	42	1	1	0900	2200	0.7
Chester (Shotwick) ...	bcoor.r.	or.co	copr.rm	opr.cbc	54	46	39	1	3	1100	<2100	1.1
Spurn Head	oo	oo	corr	orcbc	57	46	.	–	2	–	<2100	6.4
Birmingham (Edgbaston)	pr.	or.r.	orR	orbc	51	40	37	3	5	1100	<2100	2.2
Nottingham	bcp.	op.	opr.	c	55	42	38	0.2	2	1230	<2100	3.4
Cranwell	bcor	r.orp	op	orocbc	58	41	38	0.3	2	1230	2400	5.4
Gorleston	bccq	cqod	or	orbcb	60	45	41	trace	2	1630	2240	7.7
Valencia (Cahirciveen)	opc	copc	o	co	56	53	46	0.4	0.1	0900	–	0.3
Roches Point	op.	oc	cpb	bcc	58	46	.	0.1	trace	1230	<2100	.
Pembroke (St. Ann's H.)	ocpr	coq	cqp	coqp	56	50	.	1	0.4	1330	–	0.2
Ross-on-Wye	bcco	iroc	dcp.rh	cbbc	54	44	38	1	3	1330	2200	2.0
Benson	bcco	or	ir.o	ircb	58	43	33	1	1	1430	<2100	.
Andover	copr.	oopr	oo	oprbc	57	40	34	1	1	1230	2400	2.9
S. Farnborough ...	bciPRo	opror	or.pr	prbcb	58	43	42	3	2	0900	<2100	3.4
London (Kew Obsy.) ...	bcop.o	odirod	odorod	od.r.obb	59	48	42	1	1	1100	<2100	4.3
Croydon	bopr	op.r.rd	od.d.r.	ob.pr	57	47	41	0.6	1	1100	<2100	5.0
Clacton-on-Sea ...	bcy	bcyoqp	oqp	oqrbc	61	47	45	0.1	6	1630	0330	6.7
Shoeburyness	bmbcy	bcycirq	or.bc	bcb	62	47	43	0.2	1	1630	<2100	7.1
Grain	bopre	cyop.	or.oc	corob	61	47	45	0.1	1	1330	0330	6.2
Lympne	bbccy	bccyor	orc	cor.c	60	46	41	0.3	0.2	1430	0330	6.6
Scilly (St. Mary's) ...	bccq	cq	cqp	cqp	59	52	.	1	2	1330	0130	1.1
Falmouth (Pendennis)	eprco	bcpco	cop'bc	bcw	59	53	.	1.2	9	0900	0530	3.0
Plymouth (Cattewater)	orr	ror	op'bc	bcob	58	52	.	1	1	<0800	<2100	1.8
Portland Bill	c	p	c	bbc	58	54	.	2	trace	1330	0130	.
Southampton (Calshot)	p	or.m	p	cbbc	59	47	44	2	1	1100	2200	3.5
Dungeness	c	r.d	orqpr	proq	?	49	.	0.6	3	1530	<2100	.
Jersey	copo	ocpco	ocb	bqp	60	54	.	1	2	0900	0330	4.2
Guernsey	CPR	cp	cir	ir.b	57	52	.	0.5	6	<0800	<2100	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	19th 1005	Anglia	SW'rly	4	od	53	55
1	" 1300	Reindeer	rly	6	oR	58	59
3	20th 0300	Brighton	SW	8	oPR	56	60

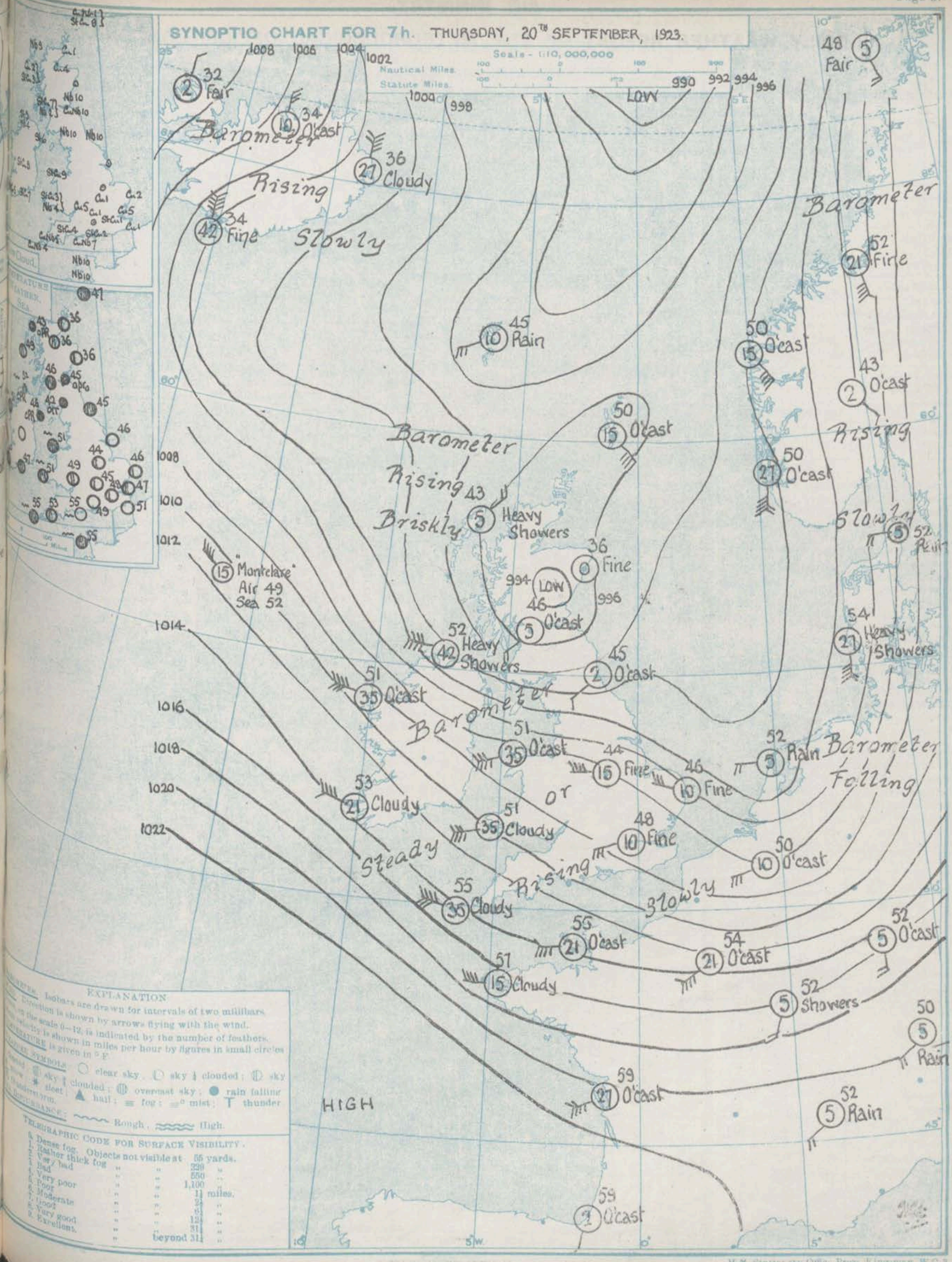
GENERAL INFERENCE.

The depression over Scotland will probably move slowly East and rather cold northwesterly winds may be expected over England and northerly winds for a time over Scotland. Showers are likely in most places with local thunderstorms and considerable bright periods.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 20th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between W. and N.W., fresh to strong at times; occasional showers, thunder locally, bright intervals; visibility good; cool.	Unsettled.
11. E. Scotland	Wind northerly, backing to N.W., fresh to strong at times; showers, with bright intervals, thunder locally; visibility good; rather cold.	
12. S.W. Scotland 13. Isle of Man	Wind N.W., fresh to strong at times; showers, with bright intervals; thunder locally; visibility good; rather cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	As 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 0 - 10.	

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

† For Table see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....THURSDAY, 20TH SEPTEMBER 1923. No. 263.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T....20th: Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T....20th: Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. hrs.
Lerwick	54	993.1	+1	-	0	o/r	47	92	7	5700	StCu	6	A.St	10	995.9	+2	-	0	ojp	47	85	7	4000	StCu	9	-	9	0
Stornoway	51	993.2	-1	W	2	b-	.	.	6	.	.	.	.	.	996.4	+9	NE	2	oPR	43	97	6	450	Nb	9	Cu	9	0
Wick	81	993.7	+1	SW	2	b-	38	97	8	.	.	0	.	0	995.4	+3	WNW	2	b	36	92	8	4000	Cu	1	.	2	0
Castlebay	37	.	.	.	.	.	.	.	.	.	.	.	.	.	996.8	+8	NNW	5	bc	49	85	8	2500	StCu	5	.	4	0
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	995.8	.	-	0	bc/r	36	85	8	4000	Cu	4	.	1	0
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.	995.9	+1	-	0	b	36	97	8	-	-	0	.	0	7
Malin Head	71	998.6	-2	W	7	oPR	47	97	7	4000	Nb	6	A.St	10	999.8	+4	WNW	8	bcPR	52	85	8	5700	CuNb	6	.	9	.
Renfrew	36	.	.	.	.	bc/r	.	.	.	.	.	.	.	.	994.6	-3	WSW	2	o/r	46	97	6	1500	StCu	9	.	9	2
Edinburgh (Inchkeith)	190	996.8	+1	WSW	4	o/r	44	85	7	-	-	0	-	0	994.2	-3	SW	4	oPG	45	92	8	x	CuNb	10	.	10	.
Leuchars	36	.	.	.	.	.	.	.	.	.	.	.	.	.	994.7	-3	-	0	orG	43	97	7	2500	Nb	10	.	10	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	997.0	-4	SW	5	orr	42	97	6	800	Nb	10	.	10	1
Tynemouth	118	999.8	0	W	1	b/r	47	85	6	800	St	2	-	2	999.0	-2	SW	1	ojp	45	85	6	800	Nb	10	.		
Blacksod Point ...	10	1005.8	+1	W	7	0	50	96	7	x	x	x	x	10	1008.8	+1	WNW	7	0	51	75	8	x	x	x	Cu St	10	6
Donaghadee	35	.	.	.	.	.	.	.	.	.	.	.	.	.	1000.8	-1	W'N	3	cPR	46	92	8	800	St	6	.	8	.
Birr Castle	175	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.3	.	W	3	c-	48	75	6	4000	StCu	8	.	9	6
Holyhead	26	1004.5	+1	WNW	7	c	51	85	8	1500	Nb	8	-	8	1004.6	0	W'S	7	o-	51	85	7	5700	StCu	9	-	8	.
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1002.9	0	WSW	6	c/r	49	85	7	4000	StCu	8	-	4	
Chester (Shotwick) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1004.0	0	W	5	bc	48	75	7	4000	StCu	4			2
Spurn Head	26	1001.3	-2	SW	4	or+	51	97	7	1500	Nb	10	-	10	1002.1	+1	W	5	b	46	92	7	-	-	0	.	0	.
Birmingham (Edgbaston)	525	.	.	.	.	.	.	.	.	.	.	.	.	.	1006.1	+1	SW	4	b	43	85	8	-	-	0	.	0	.
Nottingham	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1004.1	+1	W	4	b	44	85	5	4000	Cu	1	.	0	1
Cranwell	237	1003.9	-3	W'N	4	orr	49	97	7	800	Nb	10	-	10	1004.1	0	WSW	3	b	43	97	7	-	-	0	.	2	
Gorleston	13	1005.8	-3	SW	3	or	50	97	6	4000	Nb	10	-	10	1004.0	0	W'N	3	b-	46	92	7	5700	Cu	2	.		
Valencia (Cahirciveen)	30	1012.2	+2	W	4	c	53	92	8	.	St	8	-	8	1013.8	+2	WNW	5	c	53	65	8	1500	StCu	8	Cu St	8	0
Roches Point	32	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.0	+1	NW	2	c	47	92	8	4000	StCu	7	.	7	6
Pembroke (St. Ann's H.)	149	1009.3	-1	WSW	7	c	54	75	8	4000	Cu	7	-	7	1009.7	0	W	7	cjp	51	75	8	1500	Nb	7	.	7	.
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1007.8	0	W'S	3	bc	49	75	8	4000	Cu	1	.		
Benson...	186	.	.	.	.	.	.	.	.	.	.	.	.	.	1007.1	+2	WSW	2	b/r	45	85	9	.	Cu				
Andover	295	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.1	+1	WSW	3	b/r	44	85	8	-	-	0	.	0	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.1	+2	W	4	b	49	92	8	-	-	0	.	0	.
London (Kew Obsy.)...	18	.	.	.	.	.	51	.	.	.	.	.	.	.	1007.3	+2	WSW	3	b	48	75	7	2500	StCu	1	.	0	.
Croydon	244	1007.4	-3	WSW	3	o/r	53	85	8	1500	StCu	10	-	10	1007.4	+2	W	3	b/r	48	85	8	-	-	0	.		
Cleeton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1004.8	+1	WNW	3	bc-	47	92	7	5700	Cu	5	.	3	0
Shoeburyness... ...	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1006.3	0	WNW	3	b	50	75	8	-	-	0	.	0	.
Grain	20	.	.	.	.	.	.	.	.	.	.	.	.	.	1005.7	+2	W'S	4	b-	49	85	7	-	-	0	.	0	.
Lympne	350	1007.6	-4	W	3	c	50	97	7	4000	StCu	5	Cu St	7	1006.6	0	WNW	4	bc-	48	85	6	2500	Cu	4		4	
Scilly (St. Mary's) ...	131	1013.6	-1	W'N	6	c	55	97	7	4000	CuNb	7	-	7	1014.1	+1	WNW	7	c/r	55	85	7	4000	CuNb	4	CuCu	7	6
Falmouth (Pendennis)	200	1012.0	-1	WNW	4	bc-	54	85	8	5700	Cu	4	-	4	1012.9	+1	NW	4	bc-	53	75	8	5700	CuNb	5	.	5	0
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1011.5	+1	W	3	c-	53	76	8	4000	StCu	4	CuSt	2	6
Portland Bill	19	1008.8	-4	W	7	oR	57	75	7	1500	Nb	10	-	10	1009.6	+1	NW	6	b	55	65	7	-	-	0	CuCu	4	0
Southampton (Ca.shot)	12	1008.9	-3	SW'W	3	o	55	85	8	2500	StCu	7	A St	10	1009.4	+1	WSW	4	bc-	50	85	7	4000	StCu	2	ACu	1	2
Dungeness	21	1007.8	-4	WSW	5	oPR	55	97	7	4000	Nb	10	-	10	1006.8	+1	WSW	4	b/r	51	92	7	5700	Cu	1	-	10	6
Jersey	26	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.8	0	W	3	o/r	55	85	7	800	Nb	10	-	10	3
Guernsey	—	1013.7	-2	W	7	o/r	55	92	3	1500	Nb	10	-	10	1012.5	0	W'N	6	or	53	97	7	1500	Nb	10			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...19...SEPTEMBER.....

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 18h.-19h. °F.	Temperature. Max. Day 19h.- °F.	Rainfall.† Night 17h.-9h. 18h.-19h. mm.	Rainfall.† Day 9h.-17h. 19h.- mm.	Sunshine. Sunrise to 17h. 19h.- hr.	Sunshine. Sunrise to Sunset. 18h.- hr.
Montrose	bcobc	com	41	55	0·4	0·1	3·9	1·1
Berwick-on-Tweed	wbcbc	ocbcv	42	53	-	-	4·3	0·6
Llandudno	opro	oc	49	55	-	2	0·1	6·1
Colwyn Bay ...	cpr	cp	47	56	-	2	1·3	6·8
Rhyl...	ro	ro	48	58	3	1	1·0	7·1
Southport	or	rr	50	53	2	2	0·7	6·8
Blackpool	co	ro	50	54	1	7	0·1	5·5
Ilkley	opbcp	ompo	44	53	6	3	1·8	4·7
Harrogate	cop	op	42	51	3	2	2·2	5·2
Skegness	bo	or	43	58	1	0·2	6·2	2·8
Aberystwyth ...	r	or	50	56	1	3	0·0	7·0
Bath	op	oR	40	55	0·3	11	1·9	5·5
Leamington Spa ...	cbod	od	40	55	-	1	2·7	4·8
Lowestoft	b	bco	44	60	0·2	-	7·5	4·5
Felixstowe	b	boq	45	61	-	-	5·9	6·4
Southend	bbc	bcco	43	63	-	-	6·8	7·0

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 18h.-19h. °F.	Temperature. Max. Day. 19h. °F.	Rainfall.† Night 17h.-9h. 18h.-19h. mm.	Rainfall.† Day 9h.-17h. 19h.- mm.	Sunshine. Sunrise to 17h. 19h.- hr.	Sunshine. Sunrise to Sunset. 18h.- hr.
Ilfracombe	op	op	51	57	1	1	0·0	65
Bude	cprce	ccprc	51	59	1	4	1·0	50
[illegible]								
Paignton	oogp	cicq	42	58	—	1	0·7	4·1
Torquay	prco	prco	45	58	0·3	1	0·6	44
Weymouth	cp	cpc	49	59	-	1	3·0	53
Bournemouth ...	p	p	44	59	—	1	3·9	65
Portsmouth (S'thsea)	bpo	ro	48	60	-	3	4·2	61
Littlehampton ...	bbc	por	41	59	—	1	5·0	68
Worthing	bbc	or	44	60	—	0·3	5·8	63
Brighton	bbc	rodro	46	60	—	1	5·7	63
Eastbourne	bbc	corcr	47	60	1	2	6·5	64
Hastings	bccop	ocop	43	61	-	2	6·8	61
Folkestone	bcq	bcq	42	61	--	—	6·3	73
Dover	bbcc	cor.	47	60	—	—	6·6	70
Tunbridge Wells ...	bbc	bcop	40	60	--	Trace	6·3	57
Ramsgate	b	bbc	41	x	--	-	7·5	63
Margate	b	bco	44	61	--	--	7·6	63
Deal	bb	bco	46	62	--	--	7·0	63

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* Infor[illegible] for these [illegible] not usually rece[illegible] † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8 ‡ See footnote page 6

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22583 FRIDAY, 21st SEPTEMBER 1923.

Observations at 1800 G.M.T. 20th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	998·7	+3	NW	1	c	52	75	7	4000	Cu	5	AC	7	•
Stornoway	1000·4	+4	N	3	c-	54	65	7	4000	Nb	7	-	7	•
Wick	999·3	+4	NW	2	bc/p	52	75	8	2500	CuNb	5	-	5	•
Castlebay	1003·0	+3	WNW	4	bc	53	75	8	2500	Cu	5	-	5	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1000·1	+4	NW	2	bc+	53	65	8	2500	Cu	5	-	5	1
Malin Head	1005·0	+3	WNW	7	oPR	51	92	8	4000	Nb	9	-	9	•
Renfrew	1001·4	+7	NW	2	bc	54	66	9	4000	Cu	4	-	4	2
Edinburgh (Inchkeith)	999·9	+9	NNE	2	bc	50	75	8	*	Cu	5	-	5	•
Leuchars	999·9	+6	N	2	c	53	65	8	4000	St.Cu	7	-	7	1
Eskdalemuir	999·9	+4	NW	4	c	52	65	7	1500	St.Cu	7	-	7	1
Tynemouth	998·5	+1	WSW	1	bc/pr	51	75	6	1500	CuNb	6	-	6	•
Blacksod Point	1011·1	+2	WNW	5	o	52	75	8	*	*	*	*	10	•
Donaghadee	1005·2	+3	W'N	4	b-	56	65	8	800	Cu	3	-	3	•
Rhyl Castle	1010·8	*	W	3	o+	54	65	7	4000	St.Cu	9	-	9	•
Holyhead	1007·1	+4	W'N	6	o/p	53	85	7	4000	St.Cu	10	-	10	1
Liverpool (Bidston)	1004·0	+3	W'S	7	bc/p	53	75	8	2500	CuNb	3	Ci.St	4	•
Chester (Shotwick)	1005·1	+2	WNW	6	o-	54	75	8	800	St	10	-	10	2
Tarbert Head	1001·0	-1	W	5	oR	52	97	7	1500	Nb	9	-	9	•
Birmingham (Edgbaston)	1006·6	+1	WSW	6	bc	53	75	8	2500	CuNb	6	-	6	1
Nottingham	1003·9	+1	WNW	5	oRR	54	75	7	1500	Nb	9	-	9	•
Cranwell	1004·0	0	W'S	5	opr	56	85	8	1500	St.Cu	9	-	9	1
Gorleston	1005·1	+1	W	4	o/r	53	~~85~~ 65	7	2500	Nb	9	-	9	•
Valencia (Cahirciveen)	1015·3	0	W	3	o+	55	75	8	2500	St.Cu	4	ASt	10	0
Roches Point	1013·1	0	W	~~2~~ 3	o	55	75	8	5700	St.Cu	10	-	10	•
Pembroke (St. Ann's H.)	1012·2	+2	W'N	7	o	54	65	8	4000	St.Cu	9	-	9	•
Ross-on-Wye	1008·7	+2	W	6	bc	55	65	8	4000	St.Cu	3	Ci	6	1
Berwick	1008·2	0	W	4	o	56	65	8	*	Cu	10	-	10	0
Aldover	1009·8	+1	W'N	6	c+	55	65	8	4000	St.Cu	8	-	8	0
N. Farnborough	1009·2	+2	WSW	4	o+	57	65	7	2500	Cu	9	-	9	1
London (Kew Obsy.)	1008·5	0	WSW	4	o	56	65	8	2500	St.Cu	10	-	10	0
Croydon	1008·7	+1	W	4	c	55	65	8	4000	Cu	8	-	8	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1008·5	+1	W'S	5	c+	58	65	8	5700	St.Cu	4	AC	8	•
Orfordness	1007·8	0	W'S	6	c+	59	55	8	4000	Cu	8	-	8	0
Lympne	1008·2	0	WNW	5	c	57	55	8	2500	Cu	8	-	8	0
Scilly (St. Mary's)	1015·7	+2	W'N	5	bc+	59	85	7	4000	St.Cu	2	AC	5	•
Falmouth (Pendennis)	1014·5	+2	NW	5	bc+	58	65	8	5700	Cu	5	-	5	•
Plymouth (Cattewater)	1014·0	+2	W	4	c	57	55	8	5700	St.Cu	7	-	7	0
Portland Bill	1011·4	+2	WNW	6	bc+	58	85	7	4000	Cu	4	-	4	•
Southampton (Calshot)	1010·5	0	W	6	c	59	55	8	4000	St.Cu	7	Ci	8	0
Dungeness	1008·6	+1	W	5	c+	61	55	8	4000	Cu	7	-	7	•
Jersey	1015·2	+1	WNW	5	bc/r	61	65	8	4000	St.Cu	4	-	4	•
Guernsey	1015·2	+1	WNW	7	o	56	75	8	4000	Nb	9	-	9	•

Observations at 1800 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b	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	Bar. 0-9
Lerwick	999·8	+1	NW	1	c	50	85	7	-	-	0	A.St	7	0
Stornoway	1000·1	0	NW	2	o/r	48	92	7	800	St.	9	-	9	1
Wick	1000·2	+1	WNW	1	b	45	85	8	2500	CuNb	3	-	3	0
Castlebay	1001·5	-1	WNW	3	o+	50	85	8	800	CuNb	10	-	10	3
Nairn	1000·0	*	-	0	b	48	75	8	4000	Cu	2	-	2	•
Aberdeen	1001·7	+2	NNW	1	b	45	85	8	-	-	0	-	0	0
Malin Head	1003·8	+2	WSW	5	or	50	92	7	4000	Nb	8	A.St	10	5
Renfrew	1003·2	0	WNW	2	o/p	50	75	7	4000	St.	7	A.St	9	•
Edinburgh (Inchkeith)	1002·7	+2	SW	1	bc+	50	75	8	5700	Cu	3	A.Cu	5	0
Leuchars	1001·9	+2	NW	3	bc	50	65	8	5700	St.Cu	4	Ci	6	•
Eskdalemuir	1003·8	+2	W'S	2	0	47	75	7	2500	St.Cu	7	A.St	10	•
Tynemouth	~~1001·3~~ 1003·1	+7	W	1	c/r	48	75	6	1500	CuNb	4	Ci	7	1
Blacksod Point	1003·9	-8	SE'S	5	0	48	92	8	*	-	-	-	10	3
Donaghadee	1006·2	+1	W	3	o+	51	85	8	1500	St.Cu	4	A.St	10	4
Rhyl Castle	1008·3	*	SW	2	opr	51	75	6	2500	Nb	10	-	10	•
Holyhead	1007·7	-1	W'S	5	o+	53	85	7	4000	St.Cu	10	-	10	5
Liverpool (Bidston)	1006·4	+1	W	5	o/r	52	85	8	2500	CuNb	10	-	10	6
Chester (Shotwick)	1006·9	+1	W	5	or	51	85	7	1500	St.	10	-	10	•
Tarbert Head	1008·5	+5	NW	6	oPR	49	97	7	4000	Nb	10	-	10	3
Birmingham (Edgbaston)	1008·1	+3	WSW	4	o/p	52	75	7	2500	CuNb	10	-	10	•
Nottingham	1006·0	+4	WNW	4	o+	53	75	6	2500	St.Cu	10	-	10	•
Cranwell	1005·4	+2	W'N	4	o	51	92	7	-	-	0	A.Cu	10	•
Gorleston	1005·3	0	W'S	3	c-	50	85	6	2500	Nb	7	-	7	1
Valencia (Cahirciveen)	1007·5	-11	S	5	orr	54	92	6	800	St.	10	-	10	4
Roches Point	1008·4	-6	SW	3	o	54	~~92~~ 75	7	1500	St.	10	-	10	0
Pembroke (St. Ann's H.)	1011·3	-2	W	6	o/p	54	65	8	1500	Nb	10	-	10	5
Ross-on-Wye	1009·4	0	W'S	3	o	53	75	8	2500	Nb	10	-	10	•
Berwick	1009·5	+1	WSW	3	c	53	75	7	*	-	0	A.St	7	•
Aldover	1010·4	+1	W'S	4	c-	51	75	8	4000	St.Cu	8	-	8	•
N. Farnborough	1009·6	+1	W	4	o	53	85	7	2500	St.Cu	8	A.Cu	9	•
London (Kew Obsy.)	1009·4	+1	WSW	3	o+	54	65	7	4000	St.Cu	6	A.St	10	•
Croydon	1009·3	+1	W	4	o	53	65	7	2500	St.Cu	9	-	9	•
Clacton-on-Sea	1007·3	+1	W	4	opb	54	75	7	2500	Nb	8	-	8	1
Shoeburyness	1008·2	+1	WNW	4	o/r	55	65	7	4000	St.Cu	4	A.St	10	•
Orfordness	1008·7	+2	WSW	5	o+	~~53~~ 54	65	7	4000	St.Cu	4	A.St	10	0
Lympne	1009·3	+2	W'N	5	o	53	97	7	2500	St.	6	A.St	10	•
Scilly (St. Mary's)	1015·3	0	W	4	o	57	97	8	4000	St.Cu	9	-	9	5
Falmouth (Pendennis)	1014·3	0	NW	4	o	55	75	8	5700	St.Cu	9	-	9	0
Plymouth (Cattewater)	1013·9	0	W'N	4	bc	55	75	7	4000	St.Cu	4	A.Cu	5	0
Portland Bill	1011·7	0	WNW	6	c+	56	65	7	4000	Cu	8	-	8	6
Southampton (Calshot)	1011·7	+1	W'S	4	o	55	65	8	4000	St.Cu	9	A.Cu	10	0
Dungeness	1009·3	+1	W	5	o	55	75	8	-	-	0	A.St	10	5
Jersey	1016·4	+1	WNW	5	bc	59	75	8	4000	St.Cu	5	-	5	6
Guernsey	1015·9	+1	WNW	7	c-	55	85	8	2500	Cu	4	A.Cu	8	4

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. in. Day.	Rainfall. in. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 21st								YESTERDAY.		TO-DAY.
Kew ... Croydon } 24 hours ended 0700	18	bcoy	oyoc	orbn	*	*	47	-	6	6.6	*	*
Greenwich (Royal Obsy.)	244	bbc2	coypr	ormRa	*	*	46	tra	8	7.0	*	*
City (Bunhill Row)	149	bc	cod	odr	60	47	46	-	5	6.6	64	76
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	5.2	*	*
Regent's Pk. (Botanic Gdns).	27	*	*	*	59	49	47	-	5	6.4	61	75
Camden Square	—	*	*	*	*	*	*	*	*	3.5	*	*
Kensington Palace	110	bbcc	ocpo	*	59	48	46	0.3	6	*	*	80
Hampstead Observatory	80	bbc	co	*	59	48	47	-	5	*	64 (18h)	75
	450	*	*	*	56	46	42	tra	6	?	*	83

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington	0·6	18h. 19m.	0·3	0-4h.
	0·6	7h. 38m.		20m.
Kew Observatory	0·3	19h. 19m.	0·3	1h. 20m.
	0·4	7h. 20m.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 19h. 15m. to 21st 4h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9·30	0.15	3
δ Ursae Minoris	9.30	0.15	3

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
18h.	C_1-C_2	6	-	150
18h.	C_1-C_2	6	-	155
19h.	C_1-C_2	6	-	160
19h.	C_1-C_2	6	-	115

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

21st 6.22h. 3.0h. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.39	11.46	5.54
	5.40	11.46	5.52
Greenwich	5.46	11.53	6.1
	5.47	11.53	5.59
Wick	5.55	12.5	6.15
	5.57	12.5	6.12
Valencia	6.27	12.34	6.42
	6.28	12.34	6.40

BEAUFORT NOTATION OF WEATHER.

b = blue sky (not more than a quarter covered with cloud).
bc = sky partly cloudy (one half covered).
c = generally cloudy (three-quarters covered).
d = drizzle. e = wet air. g = gloomy.
f = fog, visibility 200—1000 m.
F = thick fog, " less than 200 m.
m = mist, " 1000—10000 m.
h = hail. i = intermittent.
p = precipitation within sight of station.
KQ = line squall. l = lightning.
o = overcast sky. p = passing showers.
q = squally. r = rain. s = snow.
rs = sleet. t = thunder.
u = ugly, threatening sky.
v = unusual visibility. w = dew.
x = hoar frost. y = dry air.
z = dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain. rr = continuous rain.

SYMBOLS.

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

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; - = "decreasing"; + = "increasing."

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

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

SEA DISTURBANCE.

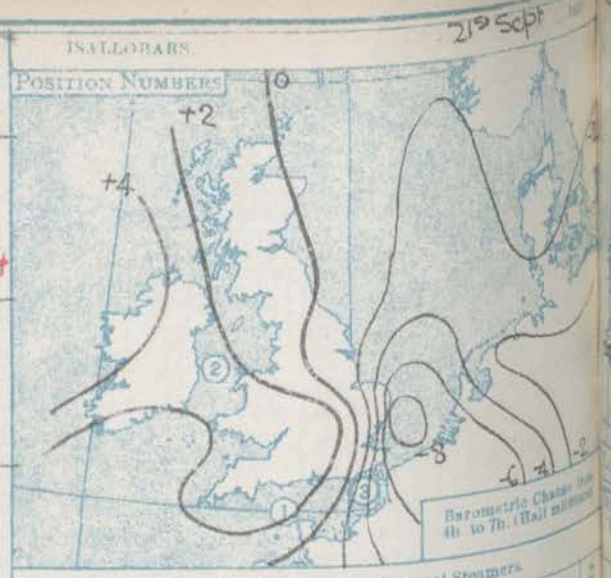
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	13h.-18h. 20th	18h.-21st to 1h. 21st	1h.-7h. 21st	TEMPERATURE. Max. Day. 7h.-18h.	Min. Night 18h.-7h.	Min. on Grass	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 20th Hours.
Lerwick	c	c	bc	b	53	40	•	Trace	04	L0800	<2100	2·6
Stornoway	c	p	bbc	bcp	55	37	•	2	2	1100	–	5.3
Wick	bcup	bbc	becpv	orr	53	39	•	1	5	1100	2400	•
Castlebay	bcpbc	bcpo	orr	rroc	53	46	•	0·2	9	–	–	6.6
Nairn	bbc	bcb	coirq	cdq	55	42	•	–	5	–	2200	9·~~3~~4
Aberdeen	bbc	bvb	bom	oor.r	53	38	31	–	1	–	0530	10.5
Malin Head	copr	p.cq	urr.r.	covq	53	44	•	0·3	6	L0800	<2100	4·6
Renfrew	ocbcv	bcbc	oop.	orrm	55	44	37	–	5	–	2400	7.0
Edinburgh (Inchkeith)	c	c	bc	rr	53	45	43	Trace	3	L0800	0430	5·3
Leuchars	or.oc.	ccbc	beco	or.r.	54	41	30	0·1	1	L0800	0330	4·7
Eskdalemuir	oproc	cbco	r-d	oor o	53	39	37	1	1	L0800	0430	6.8
Tynemouth	mp.	mp.	f.m	oirm	54	45	41	2	0.3	0900	0430	•
Blacksod Point	oo	p	r-d	p	53	43	•	1	1	–	–	•
Donaghadee	bcq	cp	omr	omrcp	57	45	•	0·5	10	L0800	2400	•
Birr Castle	co	copr.	coirc	coirc	55	46	45	0·2	4	1630	<2100	2·8
Holyhead	ooq	oir	oirirc	oro	56	48	46	Trace	9	1330	<2100	2·6
Liverpool (Bidston)	opbcq		coq	rrd	56	45	46	2	9	L0800	2400	3·1
Chester (Shotwick)	bcomprq	orrq	or.rm	orrm	58	46	45	2	5	0900	<2100	3·6
Spurn Head	p	cqPR	oo	r-d	53	46	•	3	1	L0800	0130	6·2
Birmingham (Edgbaston)	bcrp	od	or.r	orRc	56	45	44	0·2	11	1530	2400	3·6
Nottingham	cp	c	d.o	rr	57	45	44	1	5	1100	2200	3·4
Cranwell	bcpc	Nprqh	oor	orodm	56	43	42	0·5	3	0900	2400	6·1
Gorleston	bbcco	cbpc	co	orcc	57	43	44	1	2	1100	0230	7·2
Valencia (Cahirciveen)	cobco	oor	o	o	56	54	51	1	1	1730	<2100	2·6
Roches Point	o	oo	orr	rc	57	53	•	–	2	–	<2100	•
Pembroke (St. Ann's H.)	coq	oo	coqpr	oqnco	56	46	•	–	3	–	<2100	4·–
Ross-on-Wye	bcq	bcoco	ogpbr	oq	56	47	47	–	2	–	2200	7·0
Benson	bo	c	dir	oirt	58	47	44	–	4	–	<2100	•
Andover	bcq	coc	oorr	orrbc	58	47	46	–	5	–	2200	~~0·2~~ 6·5
S. Farnborough	obcd	oo	oiR	LRob	60	48	48	–	6	–	<2100	7.9
London (Kew Obsy.)	bcoq	oyocyo	oo.or	orcbm	58	48	47	–	6	–	2400	6.6
Croydon	bbcc	coypr	orrm	omRRc	58	47	46	Trace	8	1530	0230	7.0
Clacton-on-Sea	bcc	cp	cpc	ogr	57	48	46	0·3	10	1430	<2100	7·1
Shoeburyness	bbccq	cyopco	o	orrrm	60	47	47	0·2	9	1530	2200	8·2
Grain	bbcq	bcqpo	opo	orocb	61	47	47	0·2	10	1430	0130	7.9
Lympne	bcc	bcco	ocorr	orrRr	59	46	43	–	14	–	2400	8·6
Scilly (St. Mary's)	bcq	bccq	omrq	omcq	61	49	•	–	2	–	<2100	36.6
Falmouth (Pendennis)	bc	co	oqmr	oqbc	58	54	•	–	6	–	<2100	5.5
Plymouth (Cattewater)	cpbc	cbc	bcorr	or	58	54	43	Trace	13	L0800	2200	5.4
Portland Bill	bbc	bbc	r-d	r-d	59	54	•	–	10	–	2200	•
Southampton (Calshot)	c	cyo	or	orrcbc	60	52	48	–	5	–	2200	14
Dungeness	c	oo	r-d	orr	?	51	•	–	8	–	2200	•
Jersey	oqpbc	bc	bc	bcorr	63	54	•	2	10	0900	0230	5.8
Guernsey	bcd	cq	orr	LR	58	53	•	Trace	14	L0800	2200	•



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	20th 1005	Anglia	WNW	6	0	53	55	5
1	• 1200	Ibex	NW	7	0	56	59	6
3	21st 0300	Brighton	NSW	5	0.6	56	60	2

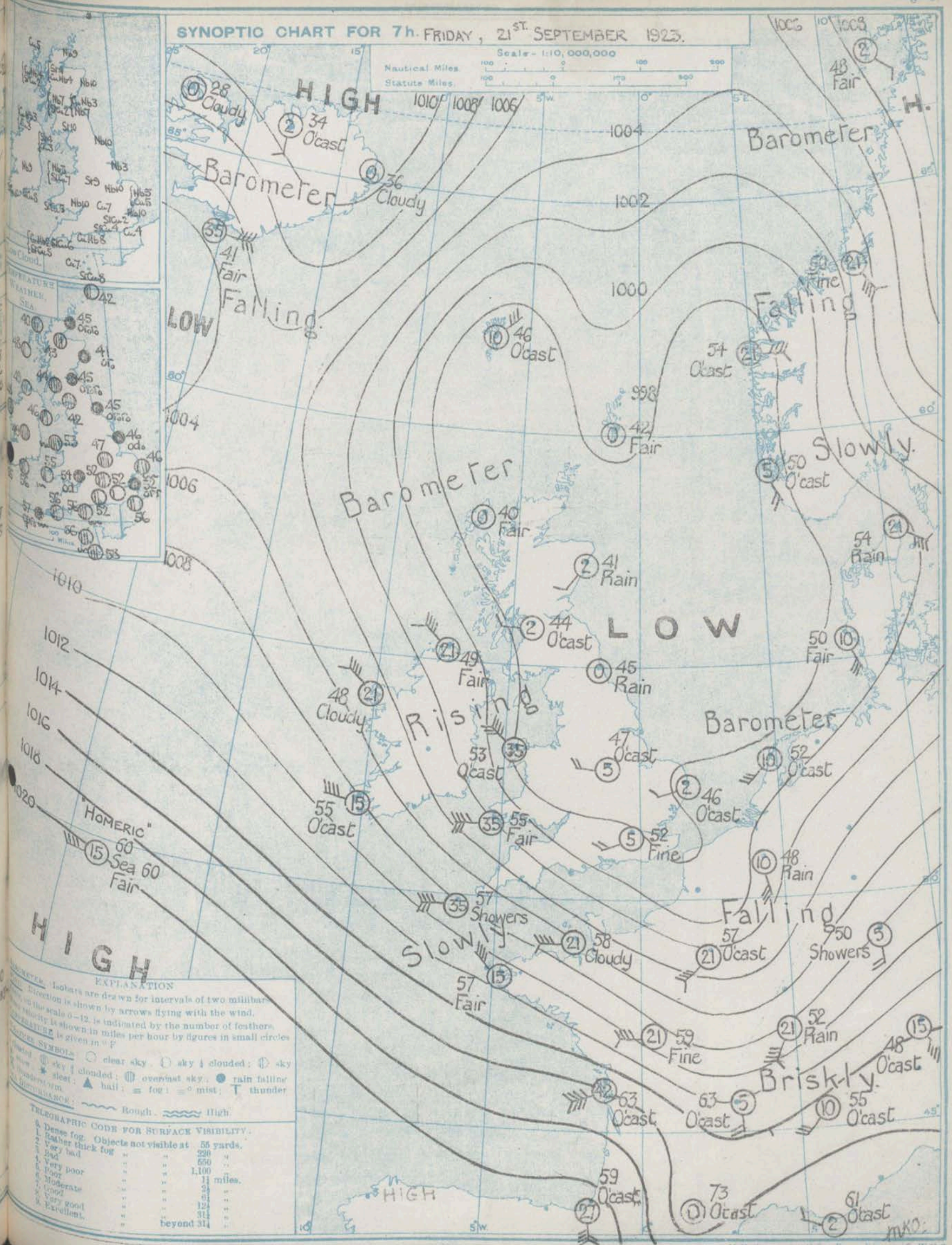
GENERAL INFERENCE.

The depression over Great Britain and the North Sea will move eastward and be followed by a wedge of high pressure causing an interval of fairer weather. A new Atlantic depression is, however, indicated and further rain is probable before long.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 21st September, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England 3. E. Midlands	Westerly wind, moderate or fresh, backing S.W. later; variable sky, some showers; visibility moderate to good; rather cool.	Unsettled.
4. W. Midlands 5. S.W. England ▽ 6. South Wales ▽ 7. North Wales ▽ 8. N.W. England ▽	Westerly wind backing S.W., strong at times; bright intervals at first, some rain later; visibility moderate to good; rather cool.	
9. N. Midlands 10. N.E. England	Moderate N.W. wind backing W.; variable sky, some showers; visibility moderate; cool.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man ▽ 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Westerly wind backing S.W. or S. and freshening; cloudy, some rain; visibility moderate; cool.	▽ South Cone hoisted at 2000 G.M.T. yesterday
17. N.W. Ireland ▽ 18. N.E. Ireland 19. S.E. Ireland ▽ 20. S.W. Ireland	Fresh westerly wind backing S.W. and increasing; cloudy, some rain; visibility good to moderate; rather cool.	

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

* For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION...Friday, 21st September 1923. No. 264

Observations at 0100 G.M.T. 21st

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	10000	-1	-	0	b	43	97	7	-	-	0	A St	1
Stornoway	51	9984	-3	.	0	b.	.	.	7b	.	.	.	.	.
Wick	81	9975	-2	W	1	cpr.	43	97	7	2500	Cu Nb	4	A Cu	7
Castlebay	37	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	71	9973	-4	E	3	o/r	46	92	8	4000	Nb	3	A St	10
Renfrew	38	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	190	9985	-4	NSW	2	c/f	47	85	8	-	-	0	A St	7
Leuchars	38	.	.	.	.	.	.	.	.	.	.	.	.	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	118	10004	-4	W	1	o+	47	85	6	800	St	10	-	10
Blacksod Point ...	10	9990	0	?	3	o	56	83	7	.	.	.	.	10
Donaghadee	35	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	175	.	.	.	.	.	.	.	.	.	.	.	.	.
Holyhead	26	9964	-10	S	4	bjp	53	92	8	2500	Cu	3	-	3
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	26	10019	-4	SW	3	o	49	97	7	1500	St	10	-	10
Birmingham (Edgbaston)	525	.	.	.	.	.	.	.	.	.	.	.	.	.
Nottingham	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	237	10032	-4	SW	3	orr	48	97	8	800	Nb	10	-	10
Gorleston	13	10053	-1	SW	2	o+	49	85	7	5700	StCu	10	-	10
Valencia (Cahirciveen)	30	10068	+2	SW	6	bcpr	55	92	8	.	Cu	6	-	6
Roches Point	32	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	149	10013	0	W	7	ojp	46	85	8	1500	StCu	10	-	10
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson...	186	.	.	.	.	.	.	.	.	.	.	.	.	.
Andover	295	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	18	.	.	.	.	.	51	.	.	.	.	.	.	.
Croydon	244	10049	-9	SWS	2	orr	48	92	6	1500	Nb	10	-	10
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	20	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	350	10063	-5	W	3	orr	48	97	6	800	Nb	10	-	10
Scilly (St. Mary's) ...	131	10085	-3	W	7	o/r	57	97	6	4000	StCu	10	-	10
Falmouth (Pendennis)	200	10055	-4	SW	7	o/r	57	92	7	4000	Nb	10	-	10
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	19	1004.5	+14	SSW	6	orr	58	92	6	1500	St	10	-	10
Southampton (Calshot)	12	10059	-10	SSW	4	or	53	92	6	800	Nb	10	-	10
Dungeness	21	10064	-3	W	3	orr	52	92	7	4000	Nb	10	-	10
Jersey	25	.	.	.	.	.	.	.	.	.	.	.	.	.
Guernsey	—	10065	-7	W	7	orr	57	97	4	800	St	10	-	10

Observations at 0700 G.M.T. 21st

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-8
Lerwick	9995	-1	-	0	bc+	42	97	7	-	-	0	A Cu	4	0
Stornoway	9973	+1	-	0	bc	40	97	7	4000	Cu	3	-	5	0
Wick	9966	0	W	1	orr.	45	92	8	1500	Nb	9	-	9	0
Castlebay	9990	0	WNW	4	bc/r	48	85	8	2500	Cu Nb	6	-	6	3
Nairn	9971	.	-	0	c/r	43	92	8	1500	St	8	-	8	.
Aberdeen	9976	0	SW	1	o5+	41	97	6	1500	Nb	10	-	10	0
Malin Head	10002	+4	NW	3	bc	49	85	9	4000	Cu Nb	6	-	6	4
Renfrew	9977	0	W	1	o-	44	97	6	1500	Nb	9	-	9	.
Edinburgh (Inchkeith)	9965	-1	WSW	3	orr.	45	92	7	.	Nb	10	-	10	1
Leuchars	9965	-1	-	0	orr.	43	97	7	2500	Nb	6	A St	10	.
Eskdalemuir	9976	0	-	0	o/r	42	97	6	800	St	10	-	10	0
Tynemouth	9978	0	-	0	orr.	45	92	5	800	Nb	10	-		
Blacksod Point ...	10048	+5	NW	5	c	48	92	8	.	CuNb	7	-	7	4
Donaghadee	10001	+3	WNW	3	c-	46	92	8	800	St	7	-	7	4
Birr Castle	10030	.	NW	2	o-	49	92	6	1500	Nb	9	-	9	.
Holyhead	9976	+2	NNW	7	o	53	97	8	2500	StCu	10	-	10	6
Liverpool (Bidston) ...	9951	-1	WSW	5	OR-	51	92	5	1500	CuNb	10	-	10	.
Chester (Shotwick) ...	9964	0	W	3	od.	52	92	6	450	St	10	-		
Spurn Head	9975	0	SW	2	od.	46	97	7	1500	Nb	3	A St	10	2
Birmingham (Edgbaston)	9980	0	SSW	3	bc+	45	97	7	2500	StCu	5	-	5	.
Nottingham	9968	-1	W	2	o/r	47	97	5	2500	St	9	A Cu	10	.
Cranwell	9975	-3	S	2	odd	45	97	6	800	Nb	10	-	10	0
Gorleston	9988	-6	NSW	1	o+	46	92	6	4000	Nb	10	-		
Valencia (Cahirciveen)	10080	+2	NW	4	o	55	85	7	1500	StCu	10	-	10	4
Roches Point	10047	0	NW	5	c	56	85	8	1500	StCu	8	-	8	3
Pembroke (St. Ann's H.)	10024	+2	W	7	bc-	55	85	8	4000	StCu	5	-	5	.
Ross-on-Wye	9994	+2	W	4	od+	54	85	7	2500	Nb	10	-	10	.
Benson...	9991	+3	W	3	c/r	52	92	9	.	Cu	7		7	
Andover	10002	+4	W	4	b/r	53	85	8	2500	StCu	2	-	2	.
S. Farnborough ...	9995	+3	W	3	bc+	52	97	7	2500	StCu	4	-	4	.
London (Kew Obsy.) ...	9988	+1	WSW	2	b+	52	92	6	1500	StCu	2	A Cu	3	.
Croydon	9990	+2	WW	3	c-	53	92	7	800	St	7	-	7	
Clacton-on-Sea ...	9973	-8	SE	3	orr	52	97	7	450	Nb	10	-	10	2
Shoeburyness	9976	-7	NNW	3	c/r	52	92	8	2500	Cu	7	-	7	.
Grain	9976	-3	W	4	b-	52	85	6	1500	StCu	2		2	.
Lympne	9975	-4	NNW	4	cr.	53	97	6	800	Nb	7	A St	8	.
Scilly (St. Mary's) ...	10085	+2	W	7	cpr.	57	92	7	4000	StCu	7	-	7	7
Falmouth (Pendennis)	10079	+2	WNW	5	bc-	56	85	8	5700	StCu	6	-	6	0
Plymouth (Cattewater)	10054	+3	W	5	or.	56	85	7	800	StCu	10	-	10	0
Portland Bill	10017	+2	NNW	7	c/r	57	76	6	2500	CuNb	8	-	8	6
Southampton (Calshot)	10014	+4	W	4	b+	54	85	8	2500	StCu	2	-	2	3
Dungeness	9981	-4	W	4	bc/r	56	92	7	4000	Cu	4	-	4	6
Jersey	10067	0	W	5	c/r	58	85	8	4000	StCu	8	-	8	3
Guernsey	10064	+3	WNW	8	c+	56	85	8	4000	Cu	6	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 19-20 °F.	Temperature. Max. Day. 20 °F.	Rainfall.† Night 17h.-9h. 19-20 mm.	Rainfall.† Day 9h.-17h. 20 mm.	Sunshine. Sunrise to 17h. 20 hr.	Sunshine. Sunrise to Sunset. 19 hr.
Montrose	cbc	bcN	36	55	0·1	-	5·4	3·9
Berwick-on-Tweed	pr.be	prber	40	57	0·1	0·1	4·4	4·7
Llandudno	ocd	cpo	48	56	3	1	2·0	0·1
Colwyn Bay ...	c	cpr	46	56	-	3	2·2	1·3
Rhyl...	qr	qr	47	56	4	1	2·5	1·0
Southport	ocqcp	co	47	57	3	0·2	4·5	0·7
Blackpool	opc	cpo	48	57	2	0·4	3·4	0·1
Ilkley	opcip	p	41	56	11	7	4·6	1·8
Harrogate	cpbc	bcp	40	54	6	1	5·7	2·2
Skegness	do	otrob	42	55	4	5	5·5	6·2
Aberystwyth ...	rc	co	43	56	5	-	0·4	0·0
Bath	bbcc	co	43	56	12	-	4·4	1·9
Leamington Spr. ...	cb	cbo	40	57	5	-	6·5	2·7
Lowestoft	b	bccob	45	57	3	1	8·0	7·5
Felixstowe	b	cpbc	46	57	7	1	6·9	5·9
Southend	bbc	cbpc	47	60	2	0·1	8·2	6·8
Ilfracombe	bcc	co	51	57	3	-	4·0	0·0
Bude	opcbc	bcoc	51	57	3	-	4·5	1·0
[illegible]								
Paignton	bccq	bcqoq	50	61	1	-	6·9	0·7
Torquay	pcbc	pcdc	49	62	10·3	-	7·8	0·6
Weymouth	bcc	c	51	61	0·3	-	7·4	3·0
Bournemouth ...	b	b	47	60	4	-	7·7	5·9
Portsmouth (S'thsea)	b	bov	50	60	1	-	8·6	4·2
Littlehampton ...	ocpbc	bcoc	47	60	1	-	8·4	5·0
Worthing	bbc	co	48	62	2	-	9·3	5·8
Brighton	b	bbcou	49	60	2	-	8·7	5·7
Eastbourne	bbc	bcco	49	60	7	-	8·8	6·5
Hastings	bbc	bcco	47	59	6	-	8·6	6·8
Folkestone	bc	o	49	61	trace	-	9·2	6·3
Dover	bbcc	cbcco	50	60	0·4	-	9·0	6·6
Tunbridge Wells ...	b	bbc	46	58	1	-	7·2	6·9
Ramsgate	bcb	brbc	49	?	-	1	7·8	7·5
Margate	b	bccp	51	60	-	0·1	7·9	7·6
Deal	rqbob	bbcpc	49	61	trace	-	8·4	7·0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22584 SATURDAY, 22nd SEPTEMBER 1923.

Observations at 1800 G.M.T. 21st

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	998.9	0	-	0	bc	51	75	8	4000	Cu	2	Ci St	6	•
Stornoway	998.1	+1	NW	3	obr0	49	85	7	450	St	10	-	10	•
Wick	998.2	+3	WSW	2	or0	46	97	8	2500	Cu Nb	7	Ci St	9	•
Castlebay	1000.8	+1	WNW	4	0	50	75	8	2500	St	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	999.2	+2	NW	1	0	49	85	8	1500	St Cu	9	-	9	1
Malin Head	1002.4	+2	WNW	5	obr0	51	85	8	4000	Cu Nb	5	Ci Cu	7	•
Renfrew	1000.4	+3	WNW	3	bc	53	65	9	5700	Cu	3	Ci	5	1
Edinburgh (Inchkeith)	999.4	+4	W	2	o/r	49	75	8	-	St Cu	10	-	10	•
Leuchars	998.8	+3	-	0	0	49	85	8	2500	Nb	9	-	9	1
Eskdalemuir	1000.0	+3	NW	2	c	47	75	7	1500	St Cu	7	-	7	1
Tynemouth	999.8	+2	NNW	1	o/r	49	75	7	4000	St Cu	10	-	10	•
Blacksod Point	1006.4	0	W'S	5	o/r	53	85	8	*	*	*	*	*	•
Donaghadee	1003.5	+1	W	4	bc sp	53	75	8	800	Cu Nb	3	Ci St	5	•
Birr Castle	1007.1	*	W	2	c-	55	75	7	4000	Cu	8	-	8	•
Holyhead	1004.7	+6	WNW	5	bc	53	75	9	1500	Cu	5	-	5	0
Liverpool (Bidston)	1002.5	+10	W'N	6	obr0	52	75	7	1500	Cu Nb	9	-	9	•
Chester (Shotwick)	1002.9	+3	WNW	6	obr0	53	75	8	1500	St	9	-	9	2
Spurn Head	999.3	-1	WNW	5	o/r	52	92	6	1500	Cu	8	-	8	•
Birmingham (Edgbaston)	1002.9	+7	W	6	c	53	75	7	2500	Cu Nb	7	-	7	2
Nottingham	1000.4	+8	NW	5	bc-	55	65	7	2500	Cu	4	-	4	•
Cranwell	999.2	+5	NW'N	4	0	53	92	6	800	St	10	-	10	2
Gorleston	999.7	0	WNW	2	or+	52	97	6	4000	Nb	10	-	10	•
Valencia (Oahiroiveen)	1010.2	0	WSW	3	0	57	85	7	300	St	10	-	10	1
Roches Point	1005.1	+2	WNW	4	c	53	75	9	2500	St Cu	8	-	8	•
Pembroke (St. Ann's H.)	1008.1	+5	WNW	5	bc	55	65	8	4000	Cu	6	-	6	•
Ross-on-Wye	1004.3	+8	NW'W	5	bc	56	65	9	4000	Cu	6	-	6	0
Benson	1002.3	+5	WNW	5	c	60	65	9	-	Cu Nb	7	-	7	1
Aldershot	1002.7	+2	WNW	6	bc+	53	75	8	2500	St Cu	6	-	6	0
E. Farnborough	1002.1	+2	WSW	4	c/r	53	85	7	2500	St Cu	8	-	8	1
London (Kew Obsy.)	1001.7	+3	W	4	o/r	53	75	8	2500	Nb	10	-	10	1
Croydon	1001.0	+1	W	4	0	60	75	8	2500	Nb	10	-	10	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1000.8	+2	W	3	or0	60	75	7	2500	Cu	8	-	8	*
Grain	1000.4	+2	WSW	6	or0	59	75	8	800	Nb	10	-	10	2
Lympne	1001.2	+1	WNW	5	o/r	60	65	8	1500	St Cu	10	-	10	1
Scilly (St. Mary's)	1011.2	+3	WNW	6	bc-	60	85	8	-	-	0	Ci Cu	6	•
Falmouth (Pendennis)	1010.1	+2	WNW	5	bc	59	75	8	5700	St Cu	6	-	6	•
Plymouth (Castewater)	1008.7	+3	WNW	6	or0	56	85	8	1500	St Cu	9	-	9	1
Portland Bill	1005.7	+2	WNW	7	o/r	60	65	6	2500	Cu Nb	8	-	8	•
Southampton (Calshot)	1005.3	+2	W	6	obr0	53	85	7	1500	Nb	10	-	10	2
Dungeness	1001.3	+1	W	5	bc	61	75	7	5700	St Cu	9	-	9	•
Jersey	1010.0	0	W	6	c	60	85	8	4000	St Cu	7	-	7	•
Guernsey	1009.5	+2	W	7	c-	60	85	8	4000	Cu	8	-	8	•

Observations at 1900 G.M.T. 21st

STATIONS.	Barom. at M.S.L. m.b	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	Rain.
Lerwick	999.1	0	NW	1	b	48	85	8	4000	Cu	1	Ci	3	0
Stornoway	999.7	-2	W	3	o Pr	47	92	6	450	St	10	-	10	3
Wick	997.7	0	SSW	2	o+	47	85	9	4000	St Cu	6	Ac Cu	9	0
Castlebay	999.3	-2	WNW	4	o	48	92	8	1500	St	10	-	10	3
Nairn	997.7	*	W	1	c	48	85	8	4000	Cu	7	-	7	•
Aberdeen	999.4	+1	SSW	2	c	47	92	7	2500	St Cu	7	-	7	0
Malin Head	1000.8	-2	W	3	or0	50	85	8	4000	Nb	6	Ac St	9	4
Renfrew	1000.3	+1	W	3	obr0	48	85	7	1500	Nb	9	-	9	•
Edinburgh (Inchkeith)	999.1	-1	W	4	bc	51	65	8	-	Cu	1	Ci Cu	5	2
Leuchars	999.4	0	E	1	bc-	47	92	8	4000	St Cu	3	Ci	5	•
Eskdalemuir	1001.5	+1	W'S	2	b-	46	75	7	2500	St Cu	1	Ac Cu	3	•
Tynemouth	1001.4	+3	NW	1	b-	49	75	6	4000	Cu Nb	3	-	3	0
Blacksod Point	1003.5	-4	W	4	o	55	92	7	-	-	0	Ac St	10	4
Donaghadee	1003.3	0	-	0	c+	52	75	8	1500	St Cu	3	Ci Cu	8	3
Birr Castle	1005.4	0.	S	2	obr0	55	75	6	4000	Cu	9	-	9	•
Holyhead	1006.4	+1	W'S	4	c	53	85	9	4000	St Cu	8	-	8	5
Liverpool (Bidston)	1004.6	+4	W	5	bc/r	52	65	8	2500	Cu	6	—	6	6
Chester (Shotwick)	1005.3	+1	W	2	0	51	75	8	4000	St Cu	3	-	3	•
Spurn Head	1002.3	+4	W'N	5	bc-	52	85	8	3700	St Cu	5	-	5	3
Birmingham (Edgbaston)	1006.4	+4	WSW	4	b	52	65	8	2500	St Cu	3	-	3	•
Nottingham	1004.7	+4	WNW	3	b-	51	75	6	2500	St Cu	1	-	1	•
Cranwell	1004.6	+6	W'N	4	b-	49	85	8	4000	St Cu	2	-	2	•
Gorleston	1002.8	+4	NW	2	c-	52	75	6	4000	St Cu	7	-	7	0
Valencia (Oahiroiveen)	1008.8	-1	WSW	3	bc-	57	85	7	1500	St Cu	3	Ac Cu	4	4
Roches Point	1007.8	-1	WSW	2	bc-	57	85	8	4000	St Cu	5	-	5	0
Pembroke (St. Ann's H.)	1008.6	0	WSW	5	bc	55	85	8	4000	St Cu	6	-	6	5
Ross-on-Wye	1007.3	+3	W	2	bc-	51	75	9	4000	St Cu	4	-	4	•
Benson	1007.4	+6	NW	4	b	52	65	9	-	-	0	-	0	•
Aldershot	1007.8	+4	W'N	3	bc-	51	75	8	2500	St Cu	4	-	4	•
E. Farnborough	1007.2	+3	W'N	3	b-	53	75	7	4000	St Cu	1	-	1	•
London (Kew Obsy.)	1006.8	+6	W'N	2	b-	55	65	8	2500	Cu	1	-	1	•
Croydon	1006.9	+7	NW	3	c	55	65	6	2500	St Cu	7	-	7	•
Clacton-on-Sea	1004.5	+6	WNW	4	b-	55	75	6	1500	St	3	-	3	1
Shoeburyness	1006	+9	N.W.	1.	b	53	75	7	4000	Cu	1	Ac Cu	3	•
Grain	1006.2	+7	WNW	5	b-	53	65	7	4000	St Cu	2	-	2	0
Lympne	1006.1	+6	N.W.	4	bc-	52	65	7	4000	St Cu	3	Ac Cu	4	•
Scilly (St. Mary's)	1012.0	0	WNW	5	obr0	57	97	7	4000	St Cu	10	-	10	7
Falmouth (Pendennis)	1011.2	+1	WNW	4	o/r	57	85	8	5700	St Cu	10	-	10	0
Plymouth (Castewater)	1010.7	+3	WNW	4	o-	57	85	8	2500	St Cu	9	-	9	0
Portland Bill	1008.7	+3	WNW	5	0	57	65	7	2500	Nb	10	-	10	4
Southampton (Calshot)	1008.0	+4	W	3	b	54	75	8	4000	St Cu	3	-	3	0
Dungeness	1003.6	+7	NW	4	c-	57	75	7	-	-	0	Ci St	7	4
Jersey	1011.2	+1	W	6	0	58	85	8	4000	St Cu	10	-	10	6
Guernsey	1012.1	+3	W	5	o/r	56	92	8	2500	Nb	9	-	9	1

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)
		24 HOURS ENDED 0600 G.M.T. 22nd										
Kew	18	ocb	ocb	bcw ob	*	*	54	Tr	0.2	4.6	*	*
Croydon } 24 hours ended 0700	244	cr8	obcy	obqbr	*	*	40	Tr	0.2	4.4	*	*
Greenwich (Royal Obsy.)	149	8c	oc	bcbp	62	46	35	-	0.3	3.6	65	79
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	3.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	63	44	41	0.3		3.4	61	76
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	2.5	*	*
Camden Square	110	coop	pbc	*	63	44	41	0.3	-	*	64	82
Kensington Palace	80	o	obc	*	61	46	38	-	0.3	*	At 18h.	84
Hampstead Observatory	450	*	*	*	61	44	34	Tr.	Tr.	3.4	*	80

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 22nd

South Kensington

Max.	Time.	Min.	Time.
1.0	10 pm Thursday	0.05	Sunday to 5 am Friday
1.0	7 am Friday		

Kew Observatory

Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st 19 h. 15 m. to 22nd 4 h. 43 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	9 30	6 8	65
δ Ursæ Minoris	9 30	5 54	63

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 1896 and 1900 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 or roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
12th.	C_1C_2	6	-	135°
18th.	C_1C_2	6	-	140
21st.	C_1C_2	5	-	65
27th.	C_1C_2	6	-	115

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

22nd, 23rd, 24th, 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.40 / 5.41	11.46 / 11.45	5.52 / 5.49
Greenwich	5.47 / 5.48	11.53 / 11.52	5.56 / 5.56
Wick	5.57 / 5.59	12.5 / 12.4	6.12 / 6.9
Valencia	6.28 / 6.29	12.34 / 12.33	6.40 / 6.37

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew,
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather,
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; — or "decreasing"; + or "increasing."

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

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

SEA DISTURBANCE.

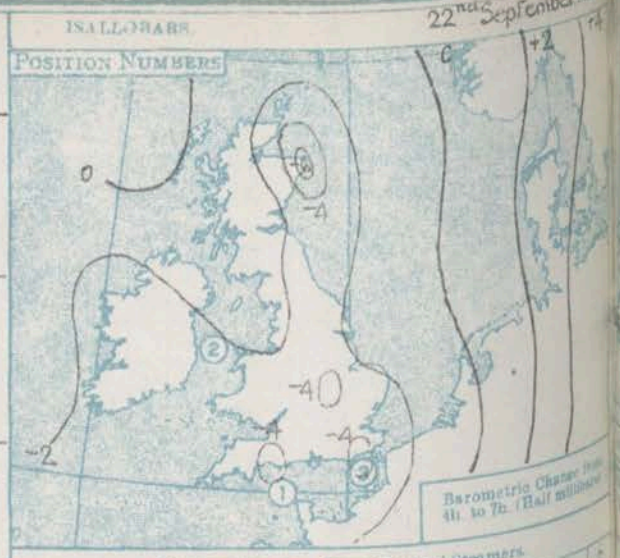
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 21st	WEATHER. 18h.-18h. 21st	WEATHER. 18h. 21st to 1h. 22nd	WEATHER. 1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	RAINFALL† Night. 18h.-7h. mm.	RAINFALL† Precipitation began.	RAINFALL† Precipitation began.	SUN. 21st Hours.
Lerwick	bc	bc	b	bc	55	41	•	-	-	-	-	4.3
Stornoway	p	p	r.d	rmmo	51	43	•	2	4	-	-	3.5
Wick	oir₀	obcov	oirr	oir	51	41	•	1	3	<0800	2200	•
Castlebay	co	ocpo	orr	Rro	52	46	•	0.1	13	-	-	4.8
Nairn	dcbc	bcc	cpq	ciRq	54	42	•	0.3	8	0900	<2100	5.8
Aberdeen	oir₀o	p₀cm	cbc	corr	49	41	32	1	6	<0800	0330	0.4
Malin Head	op₀	cop₀r	r PR	coPR	53	44	•	0.2	5	1100	<2100	4.8
Renfrew	ocbcv	bcvp₀c	ocrr	oir	55	43	33	trace	3	1530	<2100	6.8
Edinburgh (Inchkeith)	ir₀	c	oir	rrir	53	45	44	0.6	2	<0800	2400	3.1
Leuchars	oir₀o	orocbc	bcco	orrPobc	51	40	26	2	8	<0800	2200	2.3
Eskdalemuir	oopoc	cbc	bbcco	oopc	53	34	32	trace	5	<0800	2400	3.6
Tynemouth	ir₀	c	bcm	irm	50	43	39	1	14	<0800	2400	•
Blacksod Point ...	o	r	r.d	p	55	44	•	-	1	-	-	•
Donaghadee	bcp	bcp	op	c	56	46	•	0.3	0.4	1100	<2100	•
Birr Castle	co	cprc	cbPR	co	56	44	42	0.1	1	1730	<2100	3.6
Holyhead	pr₀bv	bccv	opiro	or₀oc	56	51	48	trace	0.5	<0800	0200	6.4
Liverpool (Bidston) ...	robcp	obc.	p		54	48	42	3	1	<0800	0430	4.8
Chester (Shotwick) ...	orrmbrq	oprcc	bbcoopr	oocid	56	45	39	1	0.3	<0800	2400	4.8
Spurn Head	cobd	cpr	bbc	opr₀	53	46	•	0.5	0.3	<0800	0130	2.5
Birmingham (Edgbaston)	crp	cbc	bcb	bbc	55	45	40	0.3	-	<0800	-	4.9
Nottingham	a₀p₀c	c	b	bp	56	44	40	1	0.2	0900	0230	4.4
Cranwell	p	b.bc	c	bc	56	42	34	1	-	0900	-	4.3
Gorleston	or	oroc	bbc	bcco	53	44	40	6	-	<0800	-	2.2
Valencia (Cahirciveen)	o	ocbc	cp	oop	58	50	46	-	2	-	0330	0.6
Roches Point	cp₀c	cbc	cp	cp	61	50	•	0.1	0.6	1100	<2100	•
Pembroke (St. Ann's H.)	cq	c	coq	c	04	55	•	-	-	-	-	3.3
Ross-on-Wye	cpbbcqv	bcqvy	bbcbvco	oo	59	48	41	0.2	-	<0800	-	4.1
Benson...	iroc	bcb	bb	o	61	41	32	-	Trace	-	-	•
Andover	bocq	bccy	bbcco	opro	61	44	39	-	0.2	-	2400	3.4
S. Farnborough ...	cp₀ro	cbcb	bo	d₀o	62	40	39	trace	0.1	1100	0430	6.5
London (Kew Obsy.) ...	oip₀	ocb	bmwbw	bwqboc	61	45	34	trace	0.2	1100	0200	4.6
Croydon	cop₀	obccz	cbro	opr	61	46	40	trace	0.2	1100	0230	4.3
Clacton-on-Sea ...	rcoqb	ogcbc	bcb	bbcob	61	44	44	2	-	<0800	-	4.4
Shoeburyness	cpro	cpr₀	bbc	cpr₀o	62	42	40	0.1	0.2	1100	0130	4.6
Grain	boir₀	oiroq	b	boiro	63	45	38	trace	1	1100	0330	3.6
Lympne	cmro	obcro	bcbbc	cwor₀	62	43	34	Trace	Trace	<0800	0230	4.4
Scilly (St. Mary's) ...	cqp₀	coqp	oq	opm	61	53	•	0.1	1	<0800	<2101	4.9
Falmouth (Pendennis)	bc	bcpco	corco	copco	60	53	•	trace	2	1430	<210	8.1
Plymouth (Cattewater)	pr	o	or	or	59	53	45	trace	1	<0800	<210	3.4
Portland Bill	r.	c	c	pc.c	60	55	•	0.1	0.6	<0800	0230	•
Southampton (Calshot)	ojp	bcqb	c	ocr	62	53	50	trace	1	0900	2400	6.1
Dungeness	c	o	c	p₀	*	51	•	-	Trace	-	0230	•
Jersey	bco	oco	o	opo	63	55	•	-	0.3	-	0230	0.8
Guernsey	c	pc	c	mod	60	50	•	trace	Trace	1530	30	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	21st 1005	ANGLIA	NW'lY	6	3	52	56	4
1	1300	REINDEER	W	3	PR	61	59	

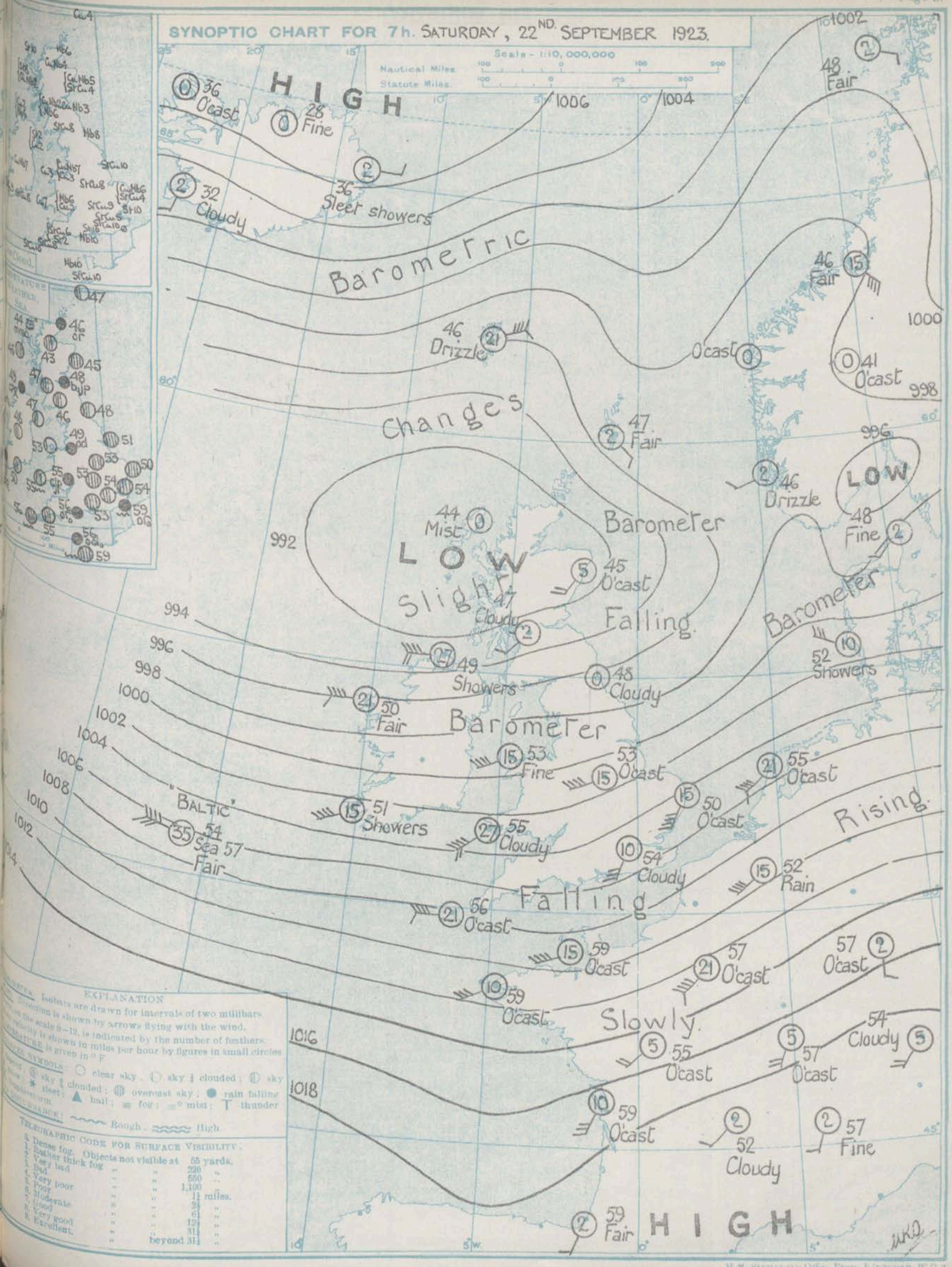
GENERAL INFERENCE.

Pressure continues high to the north of Iceland and over the Azores while a depression of moderate intensity is centred over the Hebrides. Secondary depressions are likely to pass eastwards across the British Isles maintaining cool cloudy weather with occasional rain. The westerly winds will be strong at times over England and Ireland and may reach gale force on the coast.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 22nd September, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England ▽ 6. South Wales ▽ 7. North Wales ▽ 8. N.W. England ▽ 9. N. Midlands 10. N.E. England	Wind S.W. to W., fresh to strong at times; cloudy, occasional rain; visibility moderate to good; cool.	Unsettled. ▽ South Cone still flying.
11. E. Scotland 12. S.W. Scotland	Wind S.W. to W. veering to N.W. temporarily, moderate; cloudy, occasional rain; visibility moderate to good; cool.	
13. Isle of Man ▽	As 0 - 10.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind indefinite, light to moderate; cloudy, occasional rain; visibility moderate to good; rather cold.	
17. N.W. Ireland ▽ 18. N.E. Ireland 19. S.E. Ireland ▽ 20. S.W. Ireland ▽	Wind between W. and N.W., fresh to strong at times; showers, bright intervals; visibility good; cool.	

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

† For Units see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Saturday 22nd September 1923. No. 263.

STATIONS.	Heights above M.S.L. in feet.	Observations at 0100 G.M.T. 22nd: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 22nd: Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun
Lerwick	54	999.3	0	-	0	b	45	94	8	4000	Cu	1	-	1	994.6	-1	SE	1	bc	44	85	8	4000	Cu	4	Ci St	6	0
Stornoway	1	994.9	-3	SW	2	rr	*	*	9	*	*	*	*	*	991.0	-1	-	0	mmo	44	94	5	450	St	10	-	10	0
Wick	81	995.1	-3	S	2	or	45	94	8	2500	Nb	9	-	9	991.3	-3	S	2	or	46	85	8	2500	Nb	6	A St	10	2
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*	991.1	0	N	2	o/r	46	94	8	1500	St	10	-	4	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	990.1	*	-	0	o/r	45	92	8	4000	Cu ~~Nb~~	3 ~~4~~	A St	9	0
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	991.9	-6	SW	2	o/r	46	94	6	1500	Cu Nb	9	-	5	2
Malin Head	71	994.9	-2	SW	6	c/r	52	85	8	6/00	Cu Nb	4	-	4	993.3	-1	W	6	cPR	49	85	8	6/00	Nb	8	-	8	*
Renfrew	38	*	*	*	*	*	*	*	*	*	Nb	10	-	*	993.9	0	SW	1	c/r	44	92	4	1500	Nb	8	-	3	2
Edinburgh (Inchkeith)	180	994.2	-2	S	2	o r	44	95	8	*	Nb	10	-	10	993.1	0	SW	4	b/p	48	92	8	*	Cu Nb	3	-	4	*
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	993.4	-1	SW	3	bc	46	94	8	4000	Cu Nb	4	-	8	1
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	995.5	0	WSW	4	c	46	85	4	1500	St Cu	8	-	8	1
Tynemouth	118	1002.1	-1	W	1	o	46	85	6	4000	St Cu	9	-	9	996.6	-3	-	0	c/r	45	94	6	800	Nb	8	-	6	3
Blacksod Point ...	10	999.4	-4	W	6	c	51	85	4	*	*	*	*	10	996.8	-4	W	5	bc	50	85	8	*	*	*	*	4	3
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*	998.2	0	SW	2	bc	44	92	8	1500	Cu	4	-	4	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*	999.9	*	WSW	1	c	48	92	4	4000	Cu Nb	4	-	3	4
Holyhead	26	1002.0	-2	SW	4	o/r	53	85	8	2500	St Cu	10	-	10	999.5	-2	WSW	4	b	53	92	8	3/00	Cu	3	-	10	*
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	999.1	-1	SWSW	4	od	49	92	4	2500	Cu Nb	10	-	10	
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	999.9	-2	W	4	od	52	95	8	2500	St	10			
Spurn Head	28	1004.2	0	SW	4	c+	46	97	4	4000	St Cu	8	-	8	1000.0	-1	S	4	o	51	94	6	1500	St Cu	10	-	10	2
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.9	-3	S	4	c+	51	95	4	2000	St	8	-	8	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.4	-3	WSW	4	o	53	85	4	2000	St Cu	8	A Cu	9	*
Cranwell	237	1003.8	0	SSW	3	o	46	94	4	2500	St Cu	10	-	10	1001.3	-4	SW	4	c	52	92	8	2500	St Cu	8	-	10	1
Gorleston	13	1003.0	+2	SW	2	bc+	46	85	4	-	-	0	A Cu	4+	1004.3	-3	SSW	4	o+	50	92	6	2500	Cu Nb	10	-	10	4
Valencia (Cahirciveen)	30	1005.3	-2	W	3	o	53	92	8	*	Cu	9	-	9	1002.4	-2	WSW	4	oPR	51	85	8	1500	St Cu	9	-	8	0
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.4	-1	SW	2	c	50	94	8	2500	St Cu	8	-	4	6
Pembroke (St. Ann's H.)	149	1006.3	-2	SW/W	6	o	54	95	8	4000	St Cu	10	-	10	1003.2	-2	SW	6	c	55	85	4	4000	Cu	4	-	8	*
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.6	-3	SW	3	c/r	55	85	4	2500	Nb	8	-	9	
Benson...	186	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.1	-2	SSW	4	o	53	88	8	*	St Cu	9			
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	-2	SSW	3	o+	52	94	4	4000	St Cu	10	-	10	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	-2	SW	3	o	53	92	4	2500	St Cu	10	-	4	*
London (Kew Obsy.) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.3	-3	SSW	3	c/r	54	86	4	2500	St Cu	5	A Cu	10	*
Croydon	244	1009.1	-1	SSW	3	o+	44	92	4	4000	St Cu	4	A Cu	9	1005.8	-3	SW/S	3	o	53	85	4	1500	St Cu	8	A St	10	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.0	-3	SSW	4	o+	54	92	6	2500	St	10	-	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	-3	SW	3	o/r	54	85	4	2500	St Cu	8	A St	10	0
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.6	-2	SSW	5	b/r	54	85	4	1500	St Cu	10	-	10	*
Lympne	350	1009.4	+1	W/N	3	c	45	92	4	-	-	0	Ci St	8	1006.4	-4	WSW	4	o r	54	92	4	1500	St Cu	9	A St	10	4
Scilly (St. Mary's) ...	131	1010.2	-2	W	4	o	54	94	4	4000	St Cu	10	-	10	1007.4	-2	W	5	o	56	94	6	4000	St Cu	10	-	8	1
Falmouth (Pendennis)	200	1009.5	-2	W	5	o/r	56	85	6	4000	St Cu	10	-	10	1006.0	-3	WSW	4	c	55	92	4	4000	St Cu	8	-	10	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.2	-2	W	4	o r	55	92	4	800	St	10	-	10	4
Portland Bill	19	1008.8	-2	WSW	4	o	54	85	4	2500	Nb	10	-	10	1005.8	-4	WSW	4	o r	56	85	4	2500	Nb	10	-	10	4
Southampton (Cu. shot)	12	1009.1	-2	SW	4	o r	54	85	6	2500	Nb	10	-	10	1006.1	-3	SW	4	o/r	56	92	4	1500	St	10	A St	10	4
Dungeness	21	1009.3	+1	W	5	b r	54	85	8	3/00	St Cu	3	A St	6	1006.4	-3	WSW	6	b r	59	95	4	-	-	0	-	10	2
Jersey	25	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	-1	WSW	4	o/r	59	95	8	4000	St Cu	10	-	10	
Guernsey	—	1011.6	-1	W	5	o	54	92	5	3/00	Cu	2	A St	10	1009.0	-3	W	6	o r	54	92	4	4000	Nb	10			

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 20-21st °F.	Temperature. Max. Day. 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. 20 hr.
Montrose	ocbc	cbom	41	51	2	1	2.5	5.4
Berwick-on-Tweed	reog	boro	38	59	1	0.1	-	4.4
Llandudno	rocb	bc	47	55	6	0.4	6.2	2.0
Colwyn Bay ...	bc	bc	46	55	5	+	5.9	2.2
Rhyl...	rcbc	bc	46	55	7	0.3	6.5	2.5
Southport	cbc	bcpbc	45	54	5	1	5.7	4.5
Blackpool	bo	bcc	45	55	5	0.1	5.7	3.4
Ilkley	om	do	44	56	3	-	4.9	4.6
Harrogate	obc	bcb	43	54	-	-	4.4	5.7
Skegness	o	oc	46	54	2	0.3	2.5	5.6
Aberystwyth ...	rcb	b	47	57	5	-	6.5	0.4
Bath	ocbco	bcb	49	61	3	-	5.5	4.4
Leamington Spa ...	cbc	bocb	43	59	6	-	4.3	6.5
Lowestoft	obob	oco	45	55	4	2	1.5	8.0
Felixstowe	c	cpb	46	60	10	0.4	3.9	7.9
Southend	oc	oc	47	62	10	-	4.5	8.2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 20-21st °F.	Temperature. Max. Day. 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. 20 hr.
Ilfracombe	ob	cbeco	51	58	5	0.1	3.5	4.0
Bude								
Paignton	oraqb	cbeqo	52	62	5	-	6.1	7.8
Torquay	pbcb	fm	53	64	4	0.1	7.0	7.4
Weymouth	cbc	c	54	61	9	0.2	4.5	7.7
Bournemouth ...	b	b	51	62	4	-	6.7	8.0
Portsmouth (S'thsea)	bbcbd	bcbb v	52	62	5	0.3	6.9	8.4
Littlehampton ...	orbcb	bc	52	62	5	0.1	9.4	9.3
Worthing	bc	bcb	52	63	6	-	8.9	8.7
Brighton	c	b	53	62	8	-	8.9	8.8
Eastbourne	cbc	bcb	51	63	9	-	8.4	
Hastings	bc	bcb	50	63	9	-	5.5	8.0
Folkestone	r	o	48	63	13	-	5.0	9.2
Dover	cor	ocro	49	62	12	-	3.9	9.0
Tunbridge Wells ...	co	ocbc	47	62	11	-	3.1	7.2
Ramsgate	brbc	bcbbc	47	59	4	-	4.6	7.9
Margate	bcc	ocbc	47	62	13	-	4.4	8.4
Deal	rcb	bcc	48	62	10	trace	3.5	

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22585 SUNDAY 23rd SEPTEMBER 1923.

Observations at 1800 G.M.T. 22nd

Stations. (For heights see p. 4).	Barom. at M.S.L. m.b	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	996.5	0	SE	2	bc	51	85	8	4000	Cu	4	Ci	6	•
Stornoway	991.2	0	W	1	0	49	85	6	450	St	10	-	10	•
Wick	990.1	-1	SSE	2	cjp	51	75	8	2500	CuNb	5	Ci	7	•
Castlebay	991.7	0	SW	3	bc	50	85	8	2500	StCu	6	-	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	991.2	-1	SW	2	c	56	75	8	2500	Cu	7	-	7	1
Malin Head	992.7	-1	WSW	5	bc/r	53	85	8	5700	Cu	4	CiCu	6	•
Renfrew	993.4	0	WSW	4	c/r	55	75	9	4000	Cu	5	Ci	7	2
Edinburgh (Inchkeith)	992.3	+1	WSW	4	cpr	50	75	8	•	CuNb	8	-	8	•
Leuchars	992.3	0	SW	5	c	55	65	8	4000	StCu	8	-	8	1
Eskdalemuir	994.9	0	WSW	5	0	50	75	7	1500	StCu	9	-	9	1
Tynemouth	996.2	0	W	3	bc	56	65	7	800	CuNb	4	-	4	•
Blacksod Point	993.6	-3	SW	6	c	54	75	9	•	•	•	•	7	•
Donaghadee	996.7	0	WSW	3	bc	56	65	8	1500	Cu	6	-	6	•
Birr Castle	997.7	•	SW	3	cPR	51	85	7	2500	CuNb	8	-	8	•
Holyhead	998.6	-2	SW'S	4	bc	57	85	9	2500	Cu	7	-	4	0
Liverpool (Bidston)	997.8	-2	WSW	4	bc+	54	75	8	2500	CuNb	6	-	6	•
Chester (Shotwick)	999.1	-1	W	4	c	57	65	9	2500	Cu	7	ACu	8	0
Spurn Head	998.6	-2	WSW	4	bc	58	85	6	5700	Cu	6	-	6	•
Birmingham (Edgbaston)	1000.1	-2	SW	4	bc	56	75	8	4000	CuNb	8	-	5	2
Nottingham	999.3	-2	W	4	bc	59	65	7	2500	CuNb	5	-	5	•
Cranwell	1000.0	-1	SW'S	4	bc	61	85	8	2500	Cu	4	Ci	5	1
Gorleston	1002.8	-1	SW	3	c	60	65	6	4000	CuNb	7	-	7	•
Valencia (Cahirciveen)	999.8	-4	SW'W	5	b+	55	75	8	2500	Cu	2	ACu	3	1
Roches Point	999.9	-4	WSW	4	c	56	92	8	2500	CuNb	7	-	7	•
Pembroke (St. Ann's H.)	1002.0	-1	SW'W	6	bc	55	85	8	4000	Cu	6	-	8	•
Ross-on-Wye	1001.5	-2	W'S	3	c	57	65	8	4000	Cu	6	CiSt	8	0
Benson	1002.6	-2	SSW	3	o/r	55	75	8	•	StCu	10	•	10	1
Andover	1003.8	-1	SW	4	ojp	54	85	8	2500	StCu	10	-	10	1
S. Farnborough	1003.4	-2	SW	5	o	59	75	7	1500	Nb	10	-	10	1
London (Kew Obsy.)	1002.7	-3	SW	3	o/r	59	65	8	1500	Nb	8	ASt	10	1
Croydon	1003.6	-3	SW'W	3	o/r	59	75	7	1500	Nb	8	ASt	10	1
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1003.6	-3	SW	2	or	58	85	7	1500	Nb	5	ASt	10	•
Grain	1003.7	-3	SW	4	o/r	59	85	7	1500	St	10	-	10	2
Lympne	1004.3	-2	W'S	5	o/r	59	75	7	450	St	8	ASt	10	1
Scilly (St. Mary's)	1005.5	-2	WSW	4	c	58	85	7	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1003.7	-4	WSW	5	o	57	85	7	4000	StCu	9	-	9	•
Plymouth (Cattewater)	1004.2	-3	SW	5	ojp	57	92	7	1500	St	10	-	10	1
Portland Bill	1003.7	-4	WSW	6	or	57	85	7	2500	Nb	10	-	10	•
Southampton (Calshot)	1004.2	-2	SW	5	o	59	85	7	1500	St	9	CiSt	10	1
Dungeness	1004.3	-2	WSW	6	o/r	60	85	7	2500	Nb	4	CiSt	10	•
Jersey	1007.1	-1	SW	3	odd	58	85	6	800	Nb	10	-	10	•
Guernsey	1006.7	-5	WSW	5	o/r	57	85	7	2500	Nb	5	ASt	10	•

Observations at 1800 G.M.T. 22nd

Stations.	Barom. at M.S.L. m.b	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	Rain.
Lerwick	995.9	-2	SE	2	0+	49	85	8	4000	Cu	1	ASt	9	1
Stornoway	991.2	0	-	0	cPR	46	92	6	4000	Nb	7	-	7	0
Wick	989.5	-1	-	0	bc-	46	85	8	2500	CuNb	3	Ci	5	0
Castlebay	990.9	-1	W	2	bc	50	85	8	2500	CuNb	6	-	6	1
Nairn	990.4	•	-	0	c	48	85	8	4000	StCu	8	-	8	•
Aberdeen	991.2	+1	WNW	1	cpr	50	92	7	2500	CuNb	8	-	8	0
Malin Head	990.2	-3	S	2	oR	49	97	7	4000	Nb	7	CiCu	9	4
Renfrew	990.0	-1	S	2	o+	48	92	6	5700	St	8	ASt	10	•
Edinburgh (Inchkeith)	991.4	0	SW	3	bc/r	50	75	8	•	Cu	2	ACu	4	1
Leuchars	991.5	0	SW	3	b-	49	85	7	4000	StCu	2	CiCu	3	•
Eskdalemuir	993.9	-2	WSW	2	oPR	46	85	6	800	Nb	10	-	10	•
Tynemouth	995.2	-1	W	2	b	53	75	6	800	St	2	Ci	3	0
Blacksod Point	990.0	-2	SE	4	o+	52	85	7	•	•	•	•	10	4
Donaghadee	994.1	-2	SW	3	bc	52	85	6	800	St	6	-	6	3
Birr Castle	994.6	•	SW	2	cpr	50	85	7	4000	Nb	9	-	9	•
Holyhead	996.0	-2	SW'W	5	oR	51	85	7	1500	CuNb	10	-	10	•
Liverpool (Bidston)	996.4	-1	SW	4	b	52	75	8	4000	Cu	3	-	3	5
Chester (Shotwick)	997.0	0	S	1	bc-	53	75	8	2500	CuNb	3	Ci	4	•
Spurn Head	996.8	-1	SSW	3	b	54	92	7	4000	Cu	3	-	3	2
Birmingham (Edgbaston)	998.2	-2	S	3	bc+	53	75	7	4000	CuNb	3	ASt	5	•
Nottingham	997.3	-1	WSW	1	o+	52	85	7	2500	StCu	10	-	10	•
Cranwell	997.7	-1	W'S	3	ott	53	92	7	2500	CuNb	6	ASt	9	•
Gorleston	1000.0	-2	SSW	3	o+	56	75	6	5700	StCu	10	-	10	1
Valencia (Cahirciveen)	996.2	-4	SW	4	bc+	52	75	7	2500	Cu	2	CiCu	5	6
Roches Point	997.2	-3	WSW	3	bc	52	92	8	1500	StCu	2	Ci	5	0
Pembroke (St. Ann's H.)	999.0	-2	SW'W	6	bc	53	75	8	4000	Cu	6	-	6	6
Ross-on-Wye	999.1	-2	SW	2	o+	53	75	8	2500	Nb	7	Ci	9	•
Benson	1000.4	-3	S	2	o	53	85	8	•	St	10	-	10	•
Andover	1000.3	-3	SSW	3	ojp	53	97	8	1500	Nb	6	ASt	10	•
S. Farnborough	1000.2	-4	SW	2	o+	52	92	7	1500	Nb	10	-	10	•
London (Kew Obsy.)	1000.3	-5	SSW	2	o/r	53	85	8	1500	Nb	9	ASt	10	•
Croydon	1001.0	-4	SSW	3	o/r	51	92	6	1500	Nb	6	ASt	10	•
Clacton-on-Sea	1000.5	-2	WSW	3	o	56	75	6	1500	St	10	-	10	0
Shoeburyness	1000.9	-3	WSW	1	o/r	54	85	6	4000	StCu	10	-	10	•
Grain	1001.1	-2	SW	3	o/r	53	92	8	800	Nb	10	-	10	0
Lympne	1000.7	-4	WSW	4	o/r	55	97	7	220	Nb	9	ASt	10	•
Scilly (St. Mary's)	1001.5	-4	W	5	ojp	53	97	8	4000	CuNb	4	-	4	5
Falmouth (Pendennis)	1001.2	-2	W	3	bc-	53	85	8	5700	StCu	5	-	5	0
Plymouth (Cattewater)	1000.7	-5	W	4	o-	54	92	8	1500	St	9	-	9	1
Portland Bill	1005.2	-4	SW	6	orr	55	75	7	2500	Nb	10	-	10	5
Southampton (Calshot)	1001.5	-2	SW'W	4	orr	52	97	7	800	Nb	10	-	10	0
Dungeness	1008.8	-4	WSW	5	o/r	58	92	7	4000	Nb	5	CiSt	10	6
Jersey	1003.4	-1	SW	3	o/r	54	97	6	800	Nb	10	-	10	4
Guernsey	1003.8	-4	W	3	orr	52	97	6	2500	Nb	10	-	10	2

London Observations.	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % To-day.	Humidity. 9h. G.M.T. % To-day.
		24 hours ended 0900 G.M.T. 23rd										
Kew } Croydon } 24 hours ended 0700	18	o+ou	o+o	o+cbo	•	•	34	2	1	0.0	•	•
Greenwich (Royal Obsy.)	244	odd++	o+,(m	o+bc	•	•	39	1	1	0.3	•	•
City (Bunhill Row)	148	od	o+	o+bco	61	43	34	2	2	0.2	80	82
Westminster (St. James' Pk.)	90	•	•	•	•	•	•	•	•	0.0	•	•
Regent's Pk. (Botanic Gdns.)	27	•	•	•	60	46	40	7		0.1		
Camden Square	—	•	•	•	•	•	•	•	•	0.0	•	•
Kensington Palace	116			•						•	•	
Hampstead Observatory	80	o+	o+	•	61	44	36	1	2	•	88	86
	450	•	•	•	55	44	35	3		0.2	80	

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 22nd

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Pole Star Record at Greenwich Obsy.

Exposure from 22nd ..... 10 h. ..... m. to 23rd 05 h. ..... m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10h	6 18	63
δ Ursae Minoris	10	6 14	62

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 1906 and 1800 reports (Hour frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per 4 sec.	Siren.	Direc.
12h.	C_2	6	-	140°
18h.	C_2	6	-	160°
21h.	C_2	6		10°
27h.	C_2	6	-	160°

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

23rd 24h 50m, 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.41	11.45	5.49
	5.43	11.45	5.47
Greenwich	5.48	11.52	5.56
	5.50	11.52	5.54
Wick	3.39	12.4	6.9
	3.41	12.4	6.7
Valencia	6.29	12.33	6.37
	6.31	12.33	6.35

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet ‡ thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

Symbols.

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

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

Sea Disturbance.

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

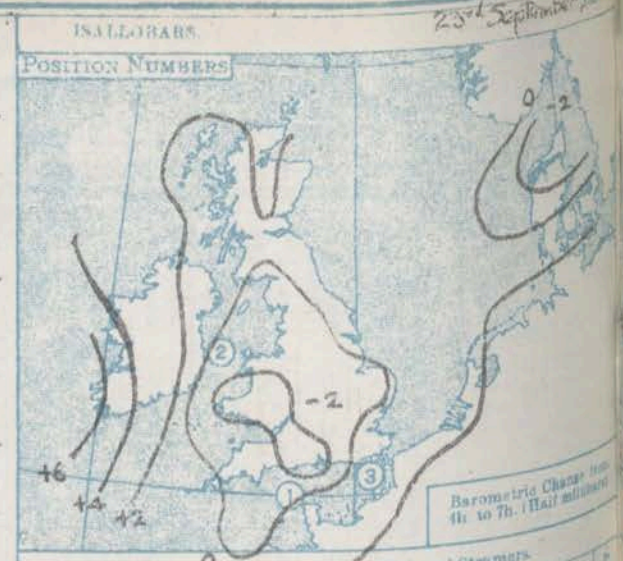
Beaufort No.	Statute miles per hour
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22nd	WEATHER. 13h.-18h. 22nd	WEATHER. 18h. 22nd to 1h. 23rd	WEATHER. 1h.-7h. 23rd	TEMPERATURE. Max. Day. 7h.-18h.	TEMPERATURE. Min. Night. 18h.-7h.	TEMPERATURE. Min. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 22nd Hours.
Lerwick	bc	c	o	cp	52	47	•	-	2	-	<2100	7·1
Stornoway	r-d	c	c	obcp	51	45	•	4	3	-	-	1·2
Wick	orrc	c	bcop	oltrm	52	42	•	4	1	<0800	2400	•
Castlebay	oc	c	co	obc	52	45	•	-	-	-	-	4·6
Nairn	cpbc	cbccd	cbcx	bcx	52	33	•	0.5	-	1100	-	2·3
Aberdeen	omc	bcpr	cpr₀b	bcmo	57	37	32	0.3	0·1	1530	<2100	3·4
Malin Head	copR	coiR	coit	coiR	54	46	•	8	17	<0800	<2100	4·1
Renfrew	bcopcv	cvbco	o₀tt	ott	55	46	43	1	13	<0800	<2100	7·3
Edinburgh (Inchkeith)	bc pq	pq	po	o	53	47	41	3	0·1	<0800	2200	7·9
Leuchars	bcc	cbc.b	bbcco	oo	57	39	24	-	trace	-	-	9·4
Eskdalemuir	cpopqo	opp	optot	otom	51	38	35	5	2	<0800	<2100	5·0
Tynemouth	bbc	bbcm	b-bcm	b-bcm	57	43	39	-	-	-	-	•
Blacksod Point ...	p	p	p	p	56	44	•	3	5	-	-	•
Donaghadee	c	cpv	bc	bcw	58	42	•	0.1	-	1430	-	•
Birr Castle	coPR	cpr₀c	cptc	bcrc	56	44	37	2	3	<0800	-	6·3
Holyhead	cpr₀v	oirtlhcR	(q)pctld	coRR	59	48	43	4	6	<0800	0330	7·0
Liverpool (Bidston) ...	p.bc	bc	p		59	44	41	-	1	-	<2100	7·9
Chester (Shotwick) ...	bccv	ccvbc	bcot	ocbc	61	41	36	trace	0·5	<0800	2200	5·41
Spurn Head	c	c	clbbc	b-bc	61	46	•	-	-	-	-	6·0
Birmingham (Edgbaston)	cRt	cRp	bcb	bbc	60	42	39	3	-	<0800	-	3·7
Nottingham	cp	ctlp	c	c	61	42	37	0.5	-	0900	-	5·6
Cranwell	c	bccotlr	c	b-bc	62	43	38	trace	trace	1730	-	5·1
Gorleston	oc	co	oto	odcbc	62	45	41	-	2	-	<2100	2·0
Valencia (Cahirciveen)	cpbcb	bccpbc	opt	otop	56	48	44	2	6	<0800	<2100	7·0
Roches Point	copc	c	cbc	cbc.	57	49	•	2	—	1230	—	•
Pembroke (St. Ann's H.)	cqpr	p	bcqp	cqpt	56	49	•	1	6	1230	<2100	4·7
Ross-on-Wye	ocb	bcvoc	pcbbc	copo	60	44	38	-	0·3	-	<2100	2·4
Benson...	oro	oo	cpob	bbcc	59	43	32	1	trace	-	2200	•
Andover	oopr	opr₀	ot₀b	bott	60	39	32	0.3	4	1100	<2100	0·5
S. Farnborough ...	or₀	orodrr	t₀oc	cot₀	63	41	38	1	0·5	<0800	<2100	0·2
London (Kew Obsy.) ...	orou	oro	otot₀oc	cbcm	60	43	34	2	1	0900	<2100	0·0
Croydon	oddrr	or₀r₀m	omttbc	bcc	60	44	39	1	1	0900	<2100	0·3
Clacton-on-Sea ...	oqp	oqp	oqt	oqtbc	59	47	45	0.6	3	1100	<2100	0·2
Shoeburyness	oRroir	oirom		otc	60	46	42	3	3	1100	<2100	0·2
Grain	oiro	or₀o	ottc	cbc	60	47	41	2	3	1100	<2100	0·0
Lympne	rdm	oRm	obttr	bccbv	59	45	41	4	7	<0800	<2100	0·0
Scilly (St. Mary's) ...	ocq	cqbc	bocqp	cqp	59	49	•	1	5	1430	<2100	0·3
Falmouth (Pendennis)	co	corbc	bccrq	coqp	58	49	•	7	5	1430	0330	0·2
Plymouth (Cattewater)	oo	orr	opboq	opco	59	50	44	3	3	<0800	<2100	0·0
Portland Bill	r-d	r-d	p	Rbc	59	52	•	3	3	<0800	<2100	•
Southampton (Calshot)	oo	oror	ttcbcb	p	60	48	45	6	10	<0800	<2100	1·2
Dungeness	prq	prorr	tt	trpr	*	52	•	6	11	<0800	<2100	•
Jersey	odpdu	orr	orrqp	oqp	60	52	•	12	10	0900	<2100	0·0
Guernsey	or₀r	irrm	p	tR	58	49	•	7	5	[illegible]	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	22nd 1000	Anglia	WSW	5	c	54	55
1	22nd 1200	Ibex	W	5	c	57	59
3	23rd 0300	Dieppe	WSW	6	oPR	55	59

GENERAL INFERENCE.

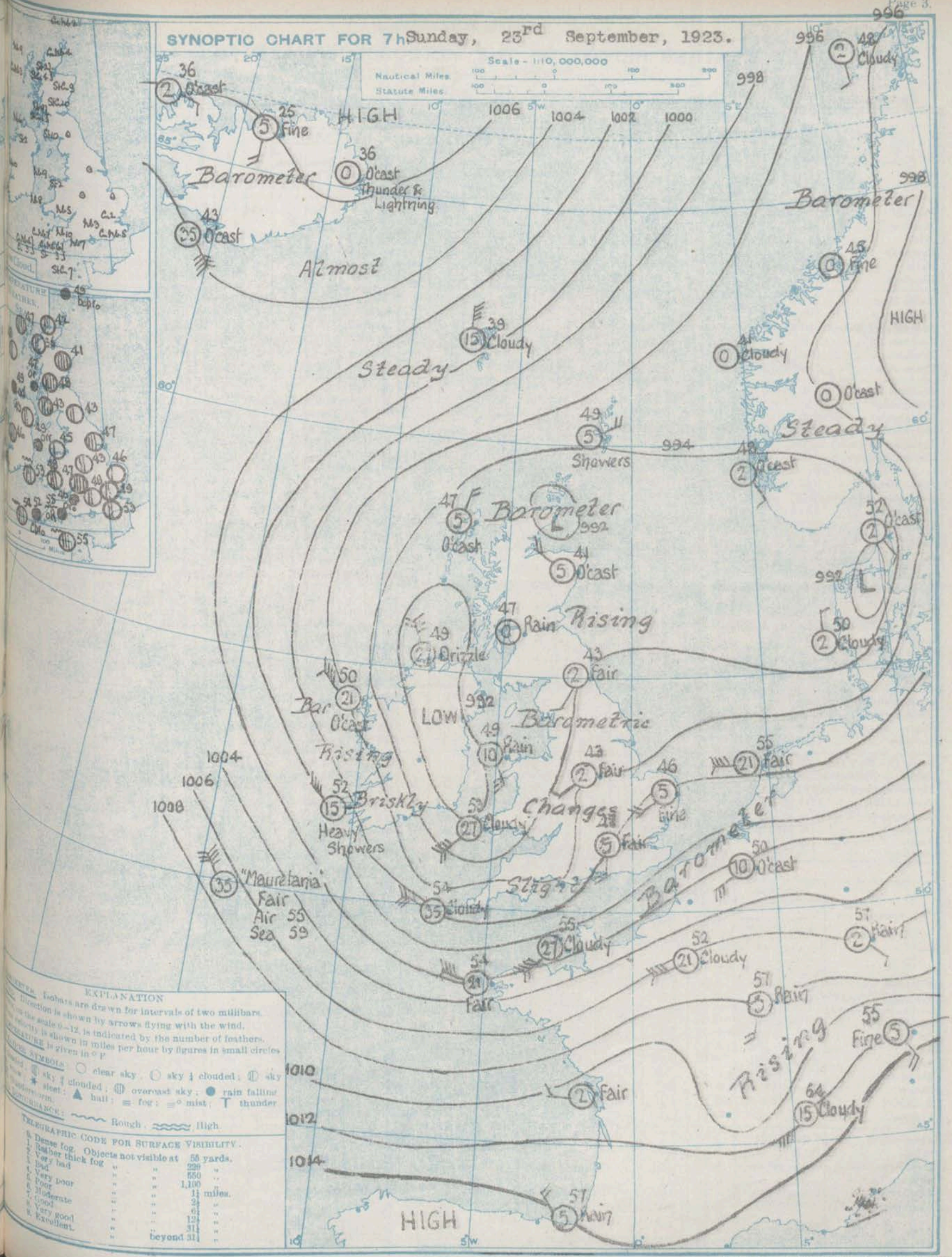
A shallow depression over Ireland is moving eastwards and will cause further rain or showers in all districts with a risk of thunder locally.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Sunday, 23rd September, 1923.	Further Outlook.
1. S.E. England ✓ 2. E. England 3. E. Midlands	Wind moderate southerly at first with cloudy sky and occasional rain. Wind becoming West to N.W. with variable sky and showers. Risk of thunder. Good visibility. cool.	Unsettled. ------
4. W. Midlands 5. S.W. England ✓ 6. South Wales ✓ 7. North Wales ✓ 8. N.W. England ✓ 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man ✓ 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland ✓ 18. N.E. Ireland 19. S.E. Ireland ✓ 20. S.W. Ireland ✓	Strong N.W. wind backing towards S.W. and decreasing temporarily. Variable sky with frequent showers and risk of thunder locally. Good visibility. Cool.	✓ South Cone still flying. ------

Pkd.

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 opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday 23rd September 1923. No. 266.

Observations at 0100 G.M.T. 23rd

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	995·2	0	E	3	0	49	85	6	4000	Cu	2	a·St	9
Stornoway	51	992·6	0	-	0	0	•	•	5	•	•	•	•	•
Wick	81	990·1	0	SW	1	0pr.	45	92	8	2500	CuNb	6	Ci	9
Castlebay	57	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	989·2	-1	S	3	0/r	48	97	8	5700	Nb	5	Ci·St	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	991·2	-1	-	0	0/r	48	85	7	-	St	4	a·St	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	994·5	0	-	0	b	46	85	6	800	St	2	a·Cu	3
Blacksod Point ...	10	990·8	0	NNE	2	cpr.	49	92	3	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	993·4	-2	SW'S	4	bc+	51	92	8	2500	Cu	5	-	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	995·2	-1	WSW	3	bc	50	92	7	4000	Cu	5	-	5
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	996·5	-2	SW'W	2	b	45	97	7	-	-	0	-	0
Gorleston	13	998·3	-1	SW	2	od.	50	97	7	2500	Nb	10	-	10
Valencia (Cahirciveen)	30	992·1	+1	NW	4	oPR	52	92	9	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	996·1	-2	SW	6	bcjp	52	75	8	2500	Nb	5	-	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	50	•	•	•	•	•	•	•
Croydon	244	999·4	-1	SW'W	2	bc	48	97	7	-	-	0	a·Cu	5
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	998·6	-1	W'N	3	bc/r	49	97	7	-	-	0	a·Cu	4
Scilly (St. Mary's) ...	131	999·5	-6	W	7	cPR+	53	92	7	4000	CuNb	7	-	7
Falmouth (Pendennis)	200	998·9	-4	W	4	cR	50	85	7	4000	CuNb	7	-	7
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	999·7	+1	W	6	b-	55	65	7	2500	Cu	2	-	2
Southampton (Ca. shot)	12	999·6	-1	WSW	4	b-	50	92	8	-	-	0	a·St	1
Dungeness	21	1000·0	-1	SW	3	0/r	53	97	7	4000	Nb	10	-	10
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1002·8	0	W'N	5	oPR	50	85	7	2500	StCu	9	-	9

Observations at 0700 G.M.T. 23rd

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun.
Lerwick	995·5	0	ENE	2	bcp	49	85	8	4000	CuNb	2	a·Cu	6	1
Stornoway	992·6	+2	NNE	2	o-	47	92	7	800	Nb	9	-	9	1
Wick	991·4	+3	-	0	mo-	42	97	4	2500	CuNb	4	Ci	6	0
Castlebay	992·7	+1	N	3	bc	48	92	8	1500	CuNb	3	a·St	4	2
Nairn	992·5	•	-	0	bc-	36	85	8	1500	StCu	6	-	6	•
Aberdeen	992·3	+1	WNW	2	0	41	97	8	4000	StCu	9	-	9	0
Malin Head	990·9	+2	NNW	6	od	49	97	7	4000	Nb	6	a·St	9	6
Renfrew	992·3	+1	-	0	0+.	47	97	6	2500	Nb	10	-	10	•
Edinburgh (Inchkeith)	992·4	+2	-	0	0	48	85	8	-	StCu	10	-	10	0
Leuchars	992·1	+1	-	0	0+.	44	97	6	2500	Nb	10	-	10	•
Eskdalemuir	993·2	0	-	0	0	43	97	6	2200	St	10	-	10	1
Tynemouth	994·0	+1	SSW	1	bc+	43	97	6	-	-	0	a·Cu	4	1
Blacksod Point ...	994·3	+4	E	5	0	50	85	8	*	*	*	*	10	4
Donaghadee	993·2	+1	SW	1	bc+	43	92	8	800	St	2	a·St	6	0
Birr Castle	993·2	•	W	1	0+	46	97	6	2500	Nb	10	-	10	•
Holyhead	992·1	-1	SE'S	3	0+r	49	97	7	2500	Nb	9	-	9	3
Liverpool (Bidston) ...	992·5	-1	SSE	2	b/r	45	92	7	2500	St	2	Ci·St	3	•
Chester (Shotwick) ...	993·7	-2	E	2	bc	42	97	8	4000	StCu	1	Ci	4	•
Spurn Head	994·9	+1	SW	3	c	49	92	7	-	-	0	Ci	8	2
Birmingham (Edgbaston)	995·5	-1	SSE	3	bc+	44	92	8	2500	StCu	3	Ci	6	•
Nottingham	995·4	-1	SW	1	bc	43	97	7	-	-	0	Ci	8	•
Cranwell	996·0	-1	SW	2	c	47	97	8	-	-	0	Ci	3	0
Gorleston	998·6	0	SW	2	b-	46	92	6	-	-	0	a·Cu		1
Valencia (Cahirciveen)	998·6	+7	NW'W	4	oPR-	52	75	8	1500	Cu	9	-	9	5
Roches Point	995·1	+7	N.W.	5	bc	50	92	8	4000	CuNb	5	-	5	0
Pembroke (St. Ann's H.)	992·1	-5	SW	6	c	53	85	6	1500	Nb	8	-	8	•
Ross-on-Wye	994·7	-3	SSW	3	c-	48	85	7	2500	Nb	5	Ci	8	•
Benson	996·8	-1	S	3	0+	47	[illegible]	8	-	St	8	a·St	1	•
Andover	997·3	-3	S'W	2	0/r	46	97	7	1500	Nb	10	-	10	•
S. Farnborough ...	997·9	-1	S	2	0/.	46	97	7	1500	Nb	7	a·St	9	•
London (Kew Obsy.) ...	997·9	0	S	2	bc+	48	85	8	2500	Nb	3	Ci	5	•
Croydon	998·9	-1	SSW	3	c+	47	92	8	-	-	0	Ci·St	7	•
Clacton-on-Sea ...	998·7	0	SW	3	bc	49	85	6	2500	Cu	2	a·St	4	1
Shoeburyness	998·9	+1	-	0	b/r	50	85	6	4000	Cu	1	-	1	0
Grain	999·0	0	S'W	3	bc-	50	85	8	-	-	0	Ci·St	6	•
Lympne	999·7	+1	WSW	3	bc/r	48	97	8	2500	CuNb	4	a·Cu	5	•
Scilly (St. Mary's) ...	997·3	+1	W'N	7	c	54	92	7	4000	CuNb	7	-	7	7
Falmouth (Pendennis)	996·3	-1	W	6	cpr.	52	85	7	4000	CuNb	7	-	7	1
Plymouth (Cattewater)	996·4	-1	W'S	7	0	54	85	7	1500	CuNb	9	-	9	6
Portland Bill	995·9	-4	WSW	7	OR	55	75	7	2500	Nb	10	-	10	0
Southampton (Ca. shot)	997·7	-3	SW	5	opr.	52	85	6	1500	Nb	7	a·St	10	5
Dungeness	1000·0	+1	W	3	bc/r	53	85	8	5700	CuNb	5	-	5	4
Jersey	1002·0	0	SW	6	c/r	55	75	8	4000	StCu	7	-	7	2
Guernsey	1001·0	-1	W'S	7	od.	53	86	8	2500	CuNb	9		9	2

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 21-22 °F.	Temperature. Max. Day. 22 °F.	Rainfall.† Night 17h.-9h. 21-22 mm.	Rainfall.† Day 9h.-17h. 22 mm.	Sunshine. Sunrise to 17h. 22 hr.	Sunshine. Sunrise to Sunset. 21 hr.
Montrose	bb	cm	40	57	1	-	8.5	2.5
Berwick-on-Tweed	robob	prbcv	42	53	5	0.2	7.1	0.2
Llandudno	cbbc	bccb	50	58	3	-	8.0	6.7
Colwyn Bay ...	bc	bc	49	58	4	-	4.4	6.4
Rhyl	bc	bc	49	60	2	-	8.4	6.9
Southport	bc	bc	48	59	2	0.1	7.3	5.7
Blackpool	bc	bcp	50	59	2	0.2	6.0	6.1
Ilkley	cbc	bcb	44	59	6	-	6.7	5.1
Harrogate	bbc	bobbc	43	59	2	-	9.0	4.6
Skegness	o	o	43	62	-	0.5	5.4	2.3
Aberystwyth ...	roc	b	51	57	6	-	3.5	7.0
Bath	cop	o	51	60	trace	1	0.6	5.5
Leamington Spa ...	od	cbocb	42	61	1	-	2.4	4.3
Lowestoft	o	oc	43	62	1	-	1.1	1.5
Felixstowe	od	o	46	59	-	0.5	0.0	3.9
Southend	por	ooc	46	59	0.1	2	0.0	4.6

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 21-22 °F.	Temperature. Max. Day. 22 °F.	Rainfall.† Night 17h.-9h. 21-22 mm.	Rainfall.† Day 9h.-17h. 22 mm.	Sunshine. Sunrise to 17h. 22 hr.	Sunshine. Sunrise to Sunset. 21 hr.
Ilfracombe	ocbco	co	54	60	1	-	2.9	3.5
Bude	coc	c.c	53	60	0.5	-	1.9	5.5
[illegible]								
Paignton	obop	orq	54	60	0.5	0.3	0.2	6.8
Torquay	c co	roro	55	61	0.3	0.4	0.4	7.2
Weymouth	co	or	55	63	3	3	1.0	4.5
Bournemouth ...	p	p	53	60	3	1	0.6	6.7
Portsmouth (S'thsea)	orbc	or	53	61	3	2	1.0	7.3
Littlehampton ...	ocpbc	bcobc	48	60	1	1	0.4	9.8
Worthing	doc	do	50	60	2	0.5	0.4	9.1
Brighton	oroo	ocoro	52	60	trace	2	0.2	9.3
Eastbourne	oro	oro	50	61	0.3	2	0.0	8.8
Hastings	opro	ocpro	47	61	1	3	0.6	5.5
Folkestone	r	opr	48	62	2	2	0.0	5.0
Dover	odrer	oirer	49	60	1	2	0.0	3.9
Tunbridge Wells ...	opc	oop	43	61	0.5	1	0.4	3.0
Ramsgate	mbcc	o	43	?	-	.	0.1	5.0
Margate	o	or	46	61	-	0.5	0.2	5.3
Deal	opo	po	45	60	? 1	3	0.0	5.3

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22,585 MONDAY, 24TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 23RD

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	9964	+2	ENE	2	b	50	85	8	4000	Cu	1	A.Cu	2	•
Stornoway	9965	+4	NNE	5	c pr	50	85	7	1500	C.Nb	8	-	8	•
Wick	9943	+5	N'E	2	c+	52	65	8	2500	Cu Nb	6	A.Cu	8	•
Castlebay	9967	+4	N	4	o pr	52	85	8	1500	St	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	9944	+2	E	1	c	54	85	7	4000	Cu	7	-	7	1
Malin Head	9956	+4	N	5	c	53	85	9	4000	Cu Nb	8	-	8	•
Renfrew	9946	+2	N	1	o-	53	85	7	4000	St Cu	10	-	10	2
Edinburgh (Inchkeith)	9938	+2	-	0	c-	54	75	7	-	Cu	8	-	8	•
Leuchars	9940	+2	-	0	o/p	54	75	8	5700	St Cu	10	-	10	5
Eskdalemuir	9943	+1	W	3	c	52	75	7	5700	St Cu	8	-	8	1
Tynemouth	9948	+1	-	0	c+	53	85	6	4000	Cu	7	-	7	•
Blacksod Point	10005	+6	NW	5	o pr	51	85	8	*	*	*	*	10	•
Donaghadee	9952	+1	E	1	c+	52	85	8	1500	Cu Nb	7	-	7	•
Rye Castle	9948	+6	NN	3	c-	55	75	8	4000	Cu	7	-	7	•
Holyhead	9945	+3	NW'N	3	o pr	53	87	7	4000	Nb	10	-	10	2
Liverpool (Bidston)	9939	0	SE	2	c+	54	75	6	2500	St Cu	5	Ci St	8	•
Chester (Shotwick)	9934	0	SE	1	c+	57	75	7	2500	St Cu	8	-	8	1
Spurn Head	9954	0	SE	3	c pr	54	92	8	4000	Cu Nb	8	-	8	•
Birmingham (Edgbaston)	9943	-1	SSE	3	o	54	75	7	2500	Cu	7	Ci St	9	1
Nottingham	9941	-2	WSW	1	o+	56	75	7	2500	St Cu	10	-	10	•
Cranwell	9948	-1	S	3	o	57	85	8	2500	Cu	9	-	9	0
Gorleston	9931	0	S'W	4	c	56	75	6	4000	Cu	7	-	7	•
Valencia (Cahireiveen)	10045	+6	NW	5	c	55	75	8	2500	Cu	7	-	7	1
Roches Point	10003	+4	N.W.	5	bc	55	85	9	4000	Cu Nb	5	—	5	•
Pembroke (St. Ann's H.)	9977	+5	WNW	6	b c/r	53	75	8	4000	Cu	5	-	5	•
Ross-on-Wye	9927	-1	SW	2	c-	52	85	8	4000	Cu	5	Ci	8	2
Benson	9946	-2	SW	4	bc	57	75	8	-	Cu	6	-	6	1
Andover	9948	-3	SSW	6	b c/r	59	65	8	2500	Cu Nb	6	-	6	1
S. Farnborough	9961	-1	SSW	6	c r	60	75	7	4000	Cu	6	Ci	7	1
London (Kew Obsy.)	9960	-2	SSW	4	c/r	59	65	7	2500	Cu	5	Ci	7	1
Croydon	9970	-2	SW'W	5	c/r	59	65	8	1500	St Cu	3	Ci	7	2
Gunton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aldeburgh	9976	-1	SW	4	c/r	55	75	6	1500	St Cu	6	Ci	7	4
Yarmouth	9978	-1	SSW	5	c/r	57	75	8	2500	Cu Nb	5	Ci	7	2
Lympne	9982	+1	SW	5	b/p	50	92	8	1500	Nb	8	A.St	9	1
Scilly (St. Mary's)	10014	+5	W'N	7	bc	57	85	8	4000	Cu Nb	5	-	5	•
Falmouth (Pendennis)	10006	+4	WNW	6	b pr	57	85	7	4000	Cu Nb	5	-	5	•
Plymouth (Cattewater)	9996	+5	W	6	bc/r	55	75	8	2500	Cu Nb	6	-	6	1
Portland Bill	9959	-2	WSW	8	c r	56	75	7	2500	Nb	8	-	8	•
Southampton (Calshot)	9972	-1	SW	6	c/p	57	75	8	2500	Cu	7	-	7	2
Dungeness	9992	0	WSW	5	o pr	52	92	7	5700	Nb	10	-	10	•
Jersey	10029	0	W	6	bc/r	57	75	8	4000	St Cu	4	-	4	•
Guernsey	10019	+1	W	7	c d	56	75	8	4000	Nb	7	-	7	*

Observations at 1800 G.M.T. 23RD

STATIONS.	Barom. at M.S.L. m.b	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	9976	+2	NW	1	b c/p	48	92	8	4000	Nb	3	A.Cu	5	0
Stornoway	10002	+5	NNE	4	o pr	48	85	7	1500	Cu Nb	9	-	9	3
Wick	9975	+4	N	2	o/p	49	85	8	2500	Cu Nb	9	-	9	0
Castlebay	10006	+2	N	4	bc+	50	92	8	1500	Cu	4	-	4	3
Nairn	9987	*	-	0	c+	48	92	8	4000	Cu Nb	8	-	8	•
Aberdeen	9976	+3	-	0	b c/r	48	97	6	2500	Cu Nb	6	-	6	0
Malin Head	9991	+4	NNW	5	bc	52	85	9	4000	Cu	4	Ci Cu	6	4
Renfrew	9979	+4	WNW	2	o	50	92	7	4000	St Cu	10	-	10	•
Edinburgh (Inchkeith)	9962	+4	NNE	3	o	50	85	7	-	St	10	-	10	1
Leuchars	9970	+4	-	0	o r	49	92	8	4000	Cu Nb	5	A.St	10	•
Eskdalemuir	9975	+4	WNW	3	c pr	49	85	7	2500	St Cu	8	-	8	•
Tynemouth	9966	+3	SE	1	c-	51	85	6	4000	St Cu	8	-	8	1
Blacksod Point	10040	+5	NW	4	b	52	75	9	*	*	*	*	3	4
Donaghadee	9996	+2	WNW	2	bc/r	53	85	8	800	St	6	-	6	3
Rye Castle	10017	*	NW	4	bc	51	85	7	2500	Cu	6	-	6	•
Holyhead	9996	+5	NW'N	4	c/r	52	92	8	4000	Cu	5	Ci Cu	7	3
Liverpool (Bidston)	9991	+4	WNW	2	o/br	50	97	8	1500	St	10	-	10	3
Chester (Shotwick)	9970	+3	WNW	3	o r r	50	92	6	1500	Nb	10	-	10	•
Spurn Head	9960	+2	ENE	2	o r-	50	97	8	2500	Cu Nb	9	-	9	1
Birmingham (Edgbaston)	10014	+5	W	3	o r r	48	92	6	1500	Nb	10	-	10	•
Nottingham	9957	+3	NNW	1	f o+	51	92	2	1500	St	5	Ci St	10	•
Cranwell	9971	+3	N'E	1	o	51	97	7	1500	St	10	-	10	•
Gorleston	9970	-1	S	3	o+	52	85	6	4000	Cu Nb	10	-	10	0
Valencia (Cahireiveen)	10068	+3	NW	3	b	54	75	8	2500	Cu	2	-	2	4
Roches Point	10049	+6	N.W.	4	b	52	92	8	2500	St Cu	3	—	3	3
Pembroke (St. Ann's H.)	10017	+6	NW'W	6	c	52	75	8	4000	Cu	7	-	7	3
Ross-on-Wye	9984	+6	W	3	bc-	51	75	8	4000	Cu Nb	4	Ci	6	•
Benson	9980	+6	W	4	c	50	85	8	-	St	7	A.Cu	8	•
Andover	9992	+5	W	4	b/r	50	85	8	2500	St Cu	2	-	2	•
S. Farnborough	9980	+5	W'S	3	c	51	92	8	2500	Cu	9	-	9	•
London (Kew Obsy.)	9986	+6	WSW	3	o/r	52	85	8	2500	St Cu	6	A.St	9	•
Croydon	9984	+4	W'S	3	o/r	52	85	8	1500	St Cu	10	-	10	•
Gunton-on-Sea	9968	0	SSW	5	c+	55	85	7	1500	Cu Nb	5	A.St	7	3
Aldeburgh	9972	-1	SW'W	3	o pr	54	75	6	1500	Cu Nb	9	-	9	•
Yarmouth	9982	0	SW	5	o/r	53	85	7	1500	St Cu	9	-	9	•
Lympne	9990	-1	W	5	bc/p	51	85	8	1500	Cu Nb	5	A.Cu	6	•
Scilly (St. Mary's)	10063	+3	WNW	7	bc	55	85	7	4000	Cu	4	-	4	6
Falmouth (Pendennis)	10041	+5	W	5	b pr	54	75	7	4000	Cu Nb	5	-	5	1
Plymouth (Cattewater)	10034	+6	W	6	b+	54	75	8	2500	St	3	-	3	3
Portland Bill	10007	+4	WNW	7	c r	55	65	7	2500	Nb	8	-	8	6
Southampton (Calshot)	10007	+6	WSW	4	c-	52	85	8	2500	Cu Nb	3	-	3	0
Dungeness	9988	-1	W	6	c PR	55	85	7	5700	Cu Nb	8	-	8	6
Jersey	10047	0	W	6	c/r	56	75	8	4000	St Cu	7	-	7	6
Guernsey	10051	0	W	7	c+	54	85	8	4000	Cu	7	-	7	5

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mills. Day.	Rainfall. mills. Night.	Sunshine to Sunset. hrs. Yesterday.	Humidity. 15h. G.M.T. % To-day.	Humidity. 9h. G.M.T. % To-day.
		24 HOURS ENDED 0900 G.M.T. 23RD.										
Kew (Croydon) } 24 hours ended 0700	18	bc u o p	o b c p	o b c m	*	*	35	3	-	5.1	*	*
Greenwich (Royal Obsy.)	244	o r r c u r	c o p p	o b c c b	*	*	40	1	-	5.1	*	*
City (Bunhill Row)	148	c	c o p	o b c o c b	62	44	37	1	-	5.3	62	77
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	4.0	*	*
Regent's Pk. (Botanic Gdns).	27	*	*	*	61	45	39	1		4.8	66	76
Camden Square	—	*	*	*	*	*	*	*	*	4.0	*	*
Kensington Palace	110	o o r c o	c o r o	*	62	44	40	2	-	*	*	86
Hampstead Observatory	80	c o p	o b	*	61	44	37	2	-	*	93 (18h)	80
	450	*	*	*	59	43	36	2	-	4.7	*	85

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 23RD.

South Kensington

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

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23RD 19 00 m. to 24TH 05 00 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10.0	4 48	48
δ Ursae Minoris	10.0	4 24	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 = Snowing to-day in 1300 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer.
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Strength.	Direc.
10h.	C.S.	7	-	150°
10h.	C.S.	7	-	150°
10h.	C.S.	6	-	150°
10h.	C.S.	6	-	150°

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

24TH SEPTEMBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.43 / 5.45	11.48 / 11.45	5.41 / 5.45
Greenwich	5.50 / 5.52	11.52 / 11.52	5.54 / 5.51
Wick	6.6 / 6.4	12.4 / 12.4	6.6 / 6.3
Valencia	6.31 / 6.35	12.33 / 12.33	6.35 / 6.33

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze: the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

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

With present weather 'is' continued; whenever possible, the general character of the weather.

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

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.

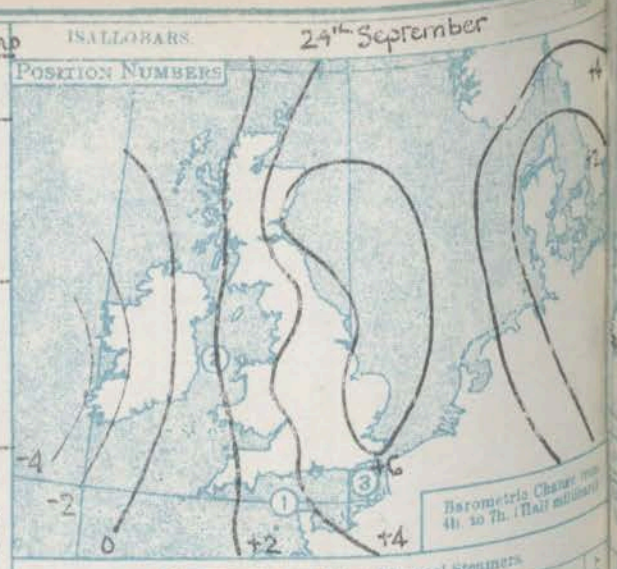
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 23rd	18h.-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.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 23rd Hours.
Lerwick	b	or	or	b	51	40	•	-	1	-	<2100	8.7
Stornoway	cpr	copr	p	c	53	37	•	1	1	-	-	4.5
Wick	bcm	cop.	dir.	oPo	52	41	•	0.3	2	1330	<2100	•
Castlebay	bcov	opbc	bcb	b	54	44	•	0.6	-	-	-	5.6
Nairn	bc	bcpc	crg	cg	54	41	•	0.4	1	1530	<2100	3.2
Aberdeen	oc	cPRc	b	bw	54	39	30	2	-	1530	-	1.3
Malin Head	pcov	cov	cobcv	bcoR	53	43	•	trace	1	<0800	0530	2.3
Renfrew	or.	d.d.o	ocb	bbmx	54	31	24	0.3	trace	<0800	-	0.1
Edinburgh (Inchkeith)	oo	oo	c	z.f-m	55	45	39	-	-	-	-	2.9
Leuchars	orbmo	oo	orb	bbcw	59	39	25	0.1	0.5	<0800	<2100	3.3
Eskdalemuir	omopoc	ccp	cpcop	oc	54	36	33	0.5	0.2	0300	<2100	1.8
Tynemouth	cm	oom	cif	bbc	57	45	41	-	-	-	-	•
Blacksod Point ..	oo	p	c	bbc	54	36	•	1	-	-	-	•
Donaghadee	c	cp	o	bcw	54	42	•	1	-	1630	-	•
Birr Castle	cpr	copr	c	co	54	38	29	1	-	<0800	-	0.2
Holyhead	orriR	or.ir	cpo	ooc	54	50	46	3	1	<0800	<2100	1.0
Liverpool (Bidston) ...	bbc	ellr	cor	cor	56	45	42	4	3	1530	0430	6.1
Chester (Shotwick) ...	bcec	cortr.r.	oRRbcw	cpr.cbm	58	46	40	7	9	1430	<2100	4.5
Spurn Head	cbcvc	cPRhailR	bbc	bczbm	?	47	•	19	0.4	1330	<2100	5.5
Birmingham (Edgbaston)	c.	tlr	orRc	cbc	57	43	38	1	4	1630	<2100	0.9
Nottingham	c	cpm	o	oc	56	44	37	1	-	1530	-	2.7
Cranwell	c	p	cpbm	bncp	59	42	39	5	0.3	1330	0630	3.7
Gorleston	bcc	cPpro	cpr.	opbcm	58	45	41	3	0.6	1330	<2100	5.0
Valencia (Cahirciveen)	bcopc	cobc	bbw	bwco	56	43	40	0.6	0.1	-	-	8.2
Roches Point	cpbc	bcb	bo	bw.	56	48	•	1	trace	1230	—	•
Pembroke (St. Ann's H.)	copc	cop	c	c	55	51	•	2	1	<0800	<2100	5.7
Ross-on-Wye	cdiro	ctlpc	bbcc	bb	55	45	39	4	-	<0800	-	1.7
Benson...	pb.p	cbrh	do	ocbcw	59	41	31	8	0.1	<0800	-	•
Andover	opbcq	cprbc	bbcc	cbcbw	59	42	34	1	-	<0800	-	5.0
S. Farnborough ...	trorc	cor.	ob	bw	60	41	37	1	-	<0800	-	5.9
London (Kew Obsy.) ...	bcuobc	copopbc	cbcb	bbmw	60	45	35	3	-	0300	-	5.1
Croydon	orrcw	cop.p	obc	cb	60	45	40	1	-	<0800	-	5.1
Clacton-on-Sea ...	bcc.pc	cbcc	cpcbc	bc	57	46	44	1	0.1	0300	<2100	6.0
Shoeburyness	r-d	copwcp	oc	bcbm	55	44	40	2	-	0300	-	4.0
Grain	bcoir	cobco	oirc	cbm	58	43	39	3	trace	<0800	<2100	3.3
Lympne	bcoR	obcPR	bc	bcbm	56	42	37	7	trace	<0800	-	3.6
Scilly (St. Mary's) ...	bcq	bcq	bcq	bc	58	52	•	-	-	-	-	8.4
Falmouth (Pendennis)	cpp	bcq	bcp	bcpbc	57	48	•	3	0.5	1430	0130	7.0
Plymouth (Cattewater)	opbc	bcp	bopb	bo	56	46	•	3	2	<0800	<2100	6.2
Portland Bill	p	p	bbc	bbc	58	54	•	1	-	<0800	-	•
Southampton (Calshot)	oPc	p	b	bcb	59	45	45	3	-	<0800	-	5.3
Dungeness	bcoopr	pphr	bbc	c	?	45	•	5	1	<0800	<2100	•
Jersey	cpppbc	ppbrc	c	cbc	60	53	•	6	-	0300	-	5.0
Guernsey	cbcp	cpp	cid.	b	57	51	•	1	1	<0800	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	23rd 1005	Anglia	NW	4	op	53	56
3	24th 0300	-	NW	6	c/r	45	58

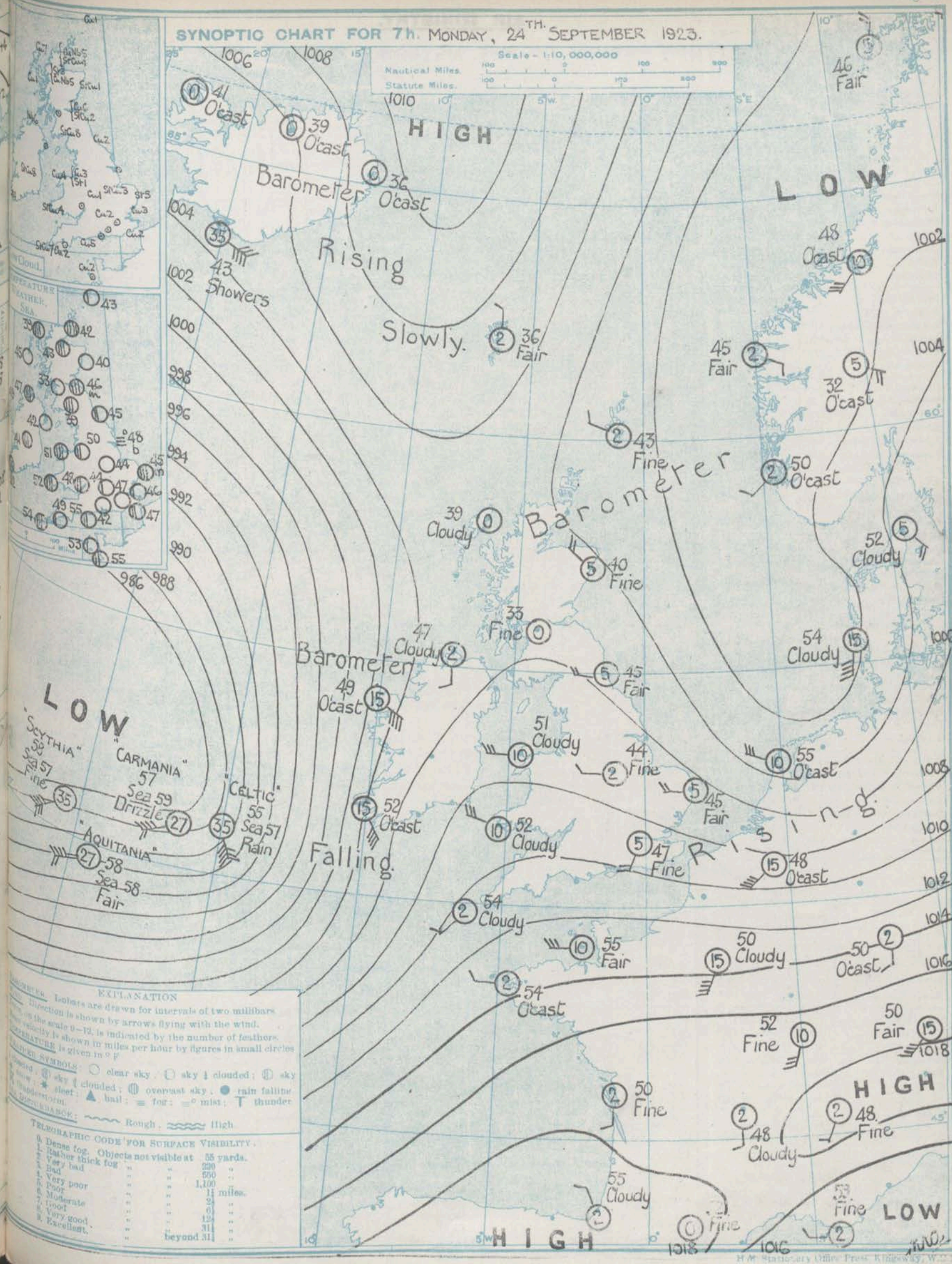
GENERAL INFERENCE.

The depression to the west of Ireland is moving East and will probably cross Scotland before very long. Winds will become strong again, from a southerly direction at first, veering to W. later in the South and West. Cloudy weather with some rain is probable in the West, similar conditions spreading to the eastern districts later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 24th September, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England 3. E. Midlands 4. W. Midlands	Freshening southerly wind, veering to S.W. later, fair at first, some rain later; visibility moderate or good; moderate temperature	Unsettled. ---
5. S.W. England ▽ 6. South Wales ▽ 7. North Wales ▽ 8. N.W. England ▽	Wind S. to S.W. veering to W. later, fresh to strong; cloudy, occasional rain; visibility good; moderate temperature.	▽ South Cone still flying. ---
9. N. Midlands 10. N.E. England	As 1 - 4.	
11. E. Scotland 12. S.W. Scotland	Wind southerly, moderate to fresh, becoming indefinite later; cloudy, occasional rain; visibility moderate; moderate temperature.	
13. Isle of Man ▽	As 5 - 8.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Freshening S.E. wind; fair at first, cloudy with some rain later; visibility moderate; moderate temperature.	
17. N.W. Ireland ▽ 18. N.E. Ireland 19. S.E. Ireland ▽ 20. S.W. Ireland ▽	As 5 - 8.	

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

* Pay-clods see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION.... MONDAY, 24TH SEPTEMBER 1923. No. 267...

Observations at 0100 G.M.T.... 24TH

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	9999	+2	N	1	or	45	97	7	4000	Nb	10	-	10
Stornoway	51	1003	+3	N	4	PR	-	-	5	-	-	-	-	-
Wick	81	1000	+3	NW	2	or	44	97	8	2500	Nb	9	-	9
Castlebay	57	-	-	-	-	-	-	-	-	-	-	-	-	-
Nairn	82	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberdeen	46	-	-	-	-	-	-	-	-	-	-	-	-	-
Malin Head	71	1003	+1	NNW	4	bc	51	85	9	5700	Cu	4	-	4
Renfrew	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Edinburgh (Inchkeith)	190	1003	+4	NW	1	c-	48	85	8	-	Cu	4	A.Cu	7
Leuchars	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Eskdalemuir	794	-	-	-	-	-	-	-	-	-	-	-	-	-
Tynemouth	118	1000	+2	N	1	bc	47	85	6	800	St	2	ACu	4
Blacksod Point ...	10	1005	+1	W	4	c+	45	92	7	-	-	-	-	7
Donaghadee	35	-	-	-	-	-	-	-	-	-	-	-	-	-
Birr Castle	175	-	-	-	-	-	-	-	-	-	-	-	-	-
Holyhead	26	1003	+4	NNW	5	o/r	52	85	8	2500	StCu	7	ACu	9
Liverpool (Bidston) ...	189	-	-	-	-	-	-	-	-	-	-	-	-	-
Chester (Shotwick) ...	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Spurn Head	26	1001	+3	NW	3	b	48	97	7	-	-	0	Ci	3
Birmingham (Edgbaston)	525	-	-	-	-	-	-	-	-	-	-	-	-	-
Nottingham	82	-	-	-	-	-	-	-	-	-	-	-	-	-
Cranwell	237	1002	+7	W	3	imb	43	97	5	-	-	0	ACu	1
Gorleston	13	1003	+2	W'S	3	opb	49	97	7	4000	StCu	10	-	10
Valencia (Cahirciveen)	30	1003	+1	NW	1	o+	52	97	7	-	-	0	A.St	10
Roches Point	32	-	-	-	-	-	-	-	-	-	-	-	-	-
Pembroke (St. Ann's H.)	149	1001	+4	NW	3	bc	52	75	8	4000	Cu	2	A.St	5
Ross-on-Wye	223	-	-	-	-	-	-	-	-	-	-	-	-	-
Benson...	188	-	-	-	-	-	-	-	-	-	-	-	-	-
Andover	295	-	-	-	-	-	-	-	-	-	-	-	-	-
S. Farnborough ...	230	-	-	-	-	-	-	-	-	-	-	-	-	-
London (Kew Obsy.)...	18	-	-	-	-	-	-	-	-	-	-	-	-	-
Croydon	244	1004	+6	WSW	3	c+	47	83	7	2500	StCu	8	-	8
Clacton-on-Sea ...	54	-	-	-	-	-	-	-	-	-	-	-	-	-
Shoeburyness... ...	11	-	-	-	-	-	-	-	-	-	-	-	-	-
Grain	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Lympne	350	1004	+4	W'N	4	bc	43	97	8	1200	StCu	4	-	4
Scilly (St. Mary's) ...	131	1010	+3	NNW	4	b	53	83	8	4000	Cu	3	-	3
Falmouth (Pendennis)	200	1009	+4	W	3	bcpo	51	92	7	4000	CuNb	4	-	4
Plymouth (Cattewater)	82	-	-	-	-	-	-	-	-	-	-	-	-	-
Portland Bill	19	1005	+4	NNW	6	c+	54	75	7	4000	Cu	7	-	7
Southampton (Calshot)	12	1003	+3	NSW	4	b	48	83	8	-	-	0	ACu	1
Dungeness	21	1003	+4	NNW	5	b	48	97	8	4000	CuNb	1	-	1
Jersey	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Guernsey	—	1009	+3	W	6	cd	53	83	7	2500	Nb	7	-	7

Observations at 0700 G.M.T.... 24TH

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rain
Lerwick	1003	+3	WNW	1	b	43	85	8	4000	Cu	1	A.St	2	0.0
Stornoway	1004	+1	-	0	c	39	92	8	4000	Cu	-	-	9	0.1
Wick	1003	+3	W	2	b	42	92	8	2500	CuNb	9	-	8	0.0
Castlebay	1002	0	-	0	b	45	85	9	2300	Cu	1	-	1	
Nairn	1004	-	-	0	c/r	43	92	8	1500	CuNb	8	-		
Aberdeen	1004	+4	NW	2	b	40	97	8	4000	StCu	1			
Malin Head	1004	0	S	1	c/r	47	97	9	4000	Nb	6	ACu	8	2.0
Renfrew	1003	+3	-	0	b	33	97	9	-	-	0	-	8	0.0
Edinburgh (Inchkeith)	1005	+4	SW	1	mb	45	92	6	"	Cu	8	-	7	0.1
Leuchars	1004	+6	W	1	c	42	97	8	5700	StCu	7	-	8	
Eskdalemuir	1006	+3	WNW	1	c	39	97	7	1200	StCu	8		4	
Tynemouth	1005	+4	W	2	bc	45	92	5	4000	Cu	2	AC		
Blacksod Point ...	1003	-3	SEE	4	o	49	83	9	-	-	-	-	9	4.2
Donaghadee	1006	+1	W	2	b	45	97	9	-	-	0	ACu	8	0.1
Birr Castle	1006	-	SSW	1	c+	41	97	6	4000	StCu	8	-	7	0.0
Holyhead	1007	+4	W	3	c	51	97	8	4000	Cu	4	CiSt	4	
Liverpool (Bidston) ...	1006	+3	WSW	3	bc/r	50	92	8	2500	Cu	4	-	9	
Chester (Shotwick) ...	1006	+4	WS	3	o/p	50	83	7	1500	St	3	ACu		
Spurn Head	1006	+5	W	3	mb	48	97	4	-	-	0	-	0	2.0
Birmingham (Edgbaston)	1005	+3	SW	3	b	46	97	7	4000	StCu	1	Ci	1	0.0
Nottingham	1006	+4	W	1	b	44	97	5	4000	Cu	-	-	4	0.1
Cranwell	1007	+6	WSW	2	bc/r	45	97	6	4000	StCu	3	ACu	3	
Gorleston	1007	+5	W	2	mbc	45	97	4	2500	St	5	-		
Valencia (Cahirciveen)	1004	-4	SE'S	4	o	52	83	8	1500	St	4	A.St	10	4.3
Roches Point	1006	0	S	3	o	53	97	8	2500	St Cu	10	-	10	0.0
Pembroke (St. Ann's H.)	1009	+1	WNW	3	c	52	75	8	4000	StCu	4	A.St	5	
Ross-on-Wye	1009	+3	SW'N	2	bc+	48	85	9	-	-	0	Ci	3	
Benson...	1009	+4	-	0	b-	44	97	8	-	Cu	2			
Andover	1010	+4	SW'W	2	b	46	97	8	-	-	0	Ci	3	0.0
S. Farnborough ...	1009	+4	WSW	2	b+	42	97	8	-	-	0	CiSt	1	
London (Kew Obsy.)...	1009	+5	SSW	2	b	47	92	6	-	-	0	-	0	
Croydon	1009	+6	WSW	2	b	47	92	6	-	-	0	-		
Clacton-on-Sea ...	1009	+7	WNW	3	b	46	92	7	2500	Cu	2	-	3	0.0
Shoeburyness... ...	1009	+7	W	1	mb	48	85	6	-	-	0	-	0	
Grain	1009	+6	SW	2	b	46	97	5	-	-	0	-	1	
Lympne	1009	+6	NW	3	b	43	97	7	4000	CuNb	1		7	
Scilly (St. Mary's) ...	1010	0	SW	1	c+	54	92	8	4000	StCu	7	-	2	0.0
Falmouth (Pendennis)	1011	+1	WSW	1	b/r	49	92	8	5700	Cu	2	CiSt	10	
Plymouth (Cattewater)	1011	+2	EN	1	o	46	97	7	-	-	0	-	3	
Portland Bill	1010	+4	WNW	3	bc-	55	65	7	4000	Cu	3	Ci	4	
Southampton (Calshot)	1010	+5	WSW	3	b	49	92	8	-	-	0	CiSt	4	
Dungeness	1009	+7	N	1	bc	47	97	8	5700	Cu	2	ACu	6	
Jersey	1012	+2	W	3	bc	53	75	8	-	-	0			
Guernsey	1012	+3	W	3	b	53	83	8	4000	Cu	2			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23RD SEPTEMBER.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 22nd-23rd °F.	Temperature. Max. Day. 23rd °F.	Rainfall.† Night 17h.-9h. 22nd-23rd mm.	Rainfall.† Day 9h.-17h. 23rd mm.	Sunshine. Sunrise to 17h. 23rd hr.	Sunshine. Sunrise to Sunset 23rd hr.
Montrose	oc	cort	37	53	-	2	1.0	9.0
Berwick-on-Tweed	bcbv	prbcc	41	52	0.1	1	6.8	8.0
Llandudno	cbod	r	45	57	6	2	2.5	8.2
Colwyn Bay ...	bc	cd	45	57	-	1	2.5	4.9
Rhyl...	bc	rc	43	59	1	3	3.5	2.6
Southport	b	pbcco	42	61	3	-	6.4	7.3
Blackpool	bbc	c	41	61	1	-	5.5	6.0
Ilkley	zwbcb	bcmo	39	60	-	-	4.0	7.6
Harrogate	b	b	39	56	-	-	3.5	9.3
Skegness	o	o	42	57	-	trace	4.6	5.4
Aberystwyth ...	roc	b	45	55	6	-	3.0	3.7
Bath	ocbcb	obbcb	46	58	1	3	3.8	0.6
Leamington Spa ...	o	dtor	40	57	-	6	1.8	2.4
Lowestoft	bcob	otthcc	45	59	3	3	5.2	1.1
Felixstowe	bcb	bc	47	58	0.5	1	6.0	0.0
Southend	orob	cb	44	59	5	2	4.5	0.0
Ilfracombe	ocp	cbcpb	48	56	5	6	3.7	2.9
Bude	pbbc	bcbc	48	57	13	2	3.4	1.9
[illegible]								
Paignton	bcq	bcqp	47	59	6	1	6.6	0.2
Torquay	p	p	49	59	5	3	6.5	0.4
Weymouth	cbc	cbc	51	61	7	0.4	4.3	1.0
Bournemouth ...	po	po	47	59	5	1	5.5	0.6
Portsmouth (S'thsea)	Pbc	bcp	48	60	12	1	5.2	1.0
Littlehampton ...	ocr	bcp	47	61	13	4	4.8	0.4
Worthing	RHP	bcp	46	58	13	7	4.2	0.4
Brighton	orcrc	rcbcu	50	58	11	3	4.9	0.2
Eastbourne	ocirc	circ	48	59	25	4	1.9	0.0
Hastings	oPt	oltrhcc	46	58	15	7	3.3	0.8
Folkestone	iR	iR	47	60	8	3	0.8	0.8
Dover	ocopq	ocirq	50	59	6	0	4.9	0.4
Tunbridge Wells ...	oo	bcb	43	59	8	2	5.2	0.1
Ramsgate	brbc	brbc	45	?	-	-	5.7	0.2
Margate	bor	cbc	47	58	7	5	4.3	0.0
Deal	rbcrq	rqobc	47	57	6	8		

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22587. TUESDAY, 25TH SEPTEMBER 1923.

Observations at 1800 G.M.T. 24

Stations. (For heights see p. 4).	Barom. at M.S.L. m.b	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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1005.3	+3	SE	1	c|p	45	85	8	4000	CuNb	7	–	7	•
Stornoway	1004.8	0	–	0	b–	51	75	8	4000	Cu	3	–	3	•
Wick	1005.0	+1	E	1	c|pc	47	85	8	2500	CuNb	6	A.Cu	8	•
Castlebay	1003.7	−1	E.S.E	3	bc	52	75	8	2500	StCu	4	–	4	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1006.6	0	E	3	c	50	85	8	2500	StCu	8	–	8	
Malin Head	1002.0	−2	SE	3	c@	55	85	9	5700	Cu	3	Ci.St	8	•
Renfrew	1005.5	−1	SSW	3	c4	57	65	7	2500	Cu	8	–	8	1
Edinburgh (Inchkeith)	1005.3	0	NE	1	fb	54	75	6	–	Cu	2	ACu	3	•
Leuchars	1005.2	0	E	2	bc4	54	75	7	5700	Cu	6	–	6	0
Baldslamuir	1006.0	0	SW	4	o	54	75	8	2500	StCu	9	–	9	1
Tynemouth	1007.5	0	SE	1	c4	53	85	6	4000	Cu	7	–	7	•
Blacksod Point	9964	−9	E	6	o	52	97	7	*	*	*	*	10	•
Donaghadee	1006.3	0	SW	3	bc4	55	85	8	450	St	1	Ci.St	8 4	•
Birr Castle	1002.3	4	SE	3	o4	53	85	7	4000	StCu	3	–	9	•
Halyhead	1007.2	−1	SW	4	o	55	85	8	4000	St	10	–	10	1
Liverpool (Bidston)	1007.7	+1	SW	1	bc	56	65	7	2500	StCu	4	–	4	•
Chester (Shotwick)	1008.2	0	SW	3	c	58	55	9	4000	StCu	6	Ci.St	8	1
Spurn Head	1008.6	+2	SW	3	bc4	57	85	7	4000	CuNb	6	–	6	•
Birmingham (Edgbaston)	1009.7	+1	S	3	c4	56	55	8	4000	Cu	7	–	7	2
Nottingham	1009.0	+1	WSW	3	c	58	65	7	1500	StCu	7	Ci.St	8	•
Cranwell	1009.4	+1	SW'W	3	o	59	75	8	4000	Cu	3	ACu	9	1
Gorleston	1012.1	+3	WSW	2	b–	61	55	7	5700	Cu	3	–	3	•
Valencia (Cahirciveen)	9981	−12	SE'S	6	orr	54	92	7	1500	St	7	ASt	10	1
Roches Point	1001.8	−6	SSE	3	orr	55	97	7	1500	Nb	10	–	10	•
Pembroke (St. Ann's H.)	1007.3	−4	S	5	o	55	85	8	4000	StCu	9	–	9	1
Ross-on-Wye	1008.6	+1	SSW	3	c	57	65	8	4000	Cu	5	Ci.St	8	1
Benson	1010.8	0	SW	4	o	60	65	9	*	Cu	7	Ci	9	0
Andover	1011.0	0	SW'S	4	c4	58	85	8	4000	Cu	6	Ci.St	8	0
S. Farnborough	1011.4	+1	SW'S	3	o4	60	65	8	2500	Cu	4	Ci	9	0
London (Kew Obsy.)	1011.8	0	SSW	2	o	59	55	8	4000	Cu	5	ACu	9	1
Croydon	1011.6	+1	SW'W	2	o4	60	55	8	4000	Cu	3	ACu	10	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012.1	+1	WSW	1	bc|f	60	65	7	4000	Cu	3	Ci	5	*
Grain	1012.0	+2	WSW	3	c4	59	55	8	4000	Cu	5	Ci.Cu	8	1
Lympne	1012.0	+2	WSW	3	c	59	65	8	4000	Cu	6	Ci.St	8	0
Scilly (St. Mary's)	1008.2	−3	SE'b	5	o	57	97	6	4000	StCu	10	–	10	•
Falmouth (Pendennis)	1008.7	−3	SSW	5	o4	57	85	8	5700	StCu	10	–	10	•
Plymouth (Cattewater)	1010.2	−2	S'W	4	o	57	85	8	1500	St	3	Ci.St	9	0
Portland Bill	1011.3	+2	SW	3	c4	58	65	7	4000	Cu	8	–	8	•
Southampton (Calshot)	1012.5	+1	SSW	4	o	57	65	8	4000	StCu	8	Ci	9	0
Dungeness	1012.9	+3	WSW	4	c4	60	65	8	5700	Cu	2	ACu	8	•
Jersey	1010.7	0	W	3	o	62	75	8	4000	StCu	10	–	10	•
Guernsey	1013.1	−1	S'W	3	o–	59	85	8	5700	Cu	2	ACu	9	•

Observations at 1800 G.M.T. 24

Stations.	Barom. at M.S.L. m.b	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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1002.5	+2	–	0	bip	44	85	8	4000	Cu	2	–	2	0
Stornoway	1002.6	−2	ENE	3	b	46	85	8	4000	Cu	3	–	3	2
Wick	1004.6	−2	NE'N	2	[illegible]	46	85	8	5700	Cu	1	–	1	0
Castlebay	999.4	−5	E	6	o|p	53	85	8	1500	St	10	–	10	4
Nairn	1002.8	*	E	2	bc	47	75	8	4000	StCu	6	–	6	•
Aberdeen	1003.2	−2	S	3	o4	50	92	6	1500	StCu	9	–	9	0
Malin Head	995.9	−6	SE	5	o+	52	85	8	4000	NbCu	6	ACu	10	3
Renfrew	1003.3	−5	SE	3	o	51	73	7	4000	St	3	ASt	10	•
Edinburgh (Inchkeith)	1003.3	−2	SSW	2	c/f	54	65	8	*	StCu	1	ACu	8	0
Leuchars	1003.5	−2	–	0	c	49	97	7	5700	StCu	4	CuSt	7	•
Baldslamuir	1004.9	−2	S'W	1	o+	45	92	8	1500	St	3	ASt	10	•
Tynemouth	1006.9	0	S	1	bc–	51	92	6	4000	Cu	4	–	4	1
Blacksod Point	988.4	−7	SE'S	8	orr	53	97	6	*	*	*	*	10	3
Donaghadee	1001.8	−3	SSE	4	o+	54	85	8	450	St	3	ASt	10	4
Birr Castle	994.0	*	SE	3	orr	53	92	6	2500	NbCu	10	–	10	•
Halyhead	1001.7	−5	SE'S	4	o|r	55	92	8	4000	St	10	–	10	3
Liverpool (Bidston)	1004.7	−4	SE	3	o+	53	75	6	2500	St	10	–	10	3
Chester (Shotwick)	1005.4	−3	SE	4	o	53	75	7	4000	StCu	4	ASt	10	•
Spurn Head	1007.9	−1	S	3	bc	58	92	7	4000	StCu	7	ACu	6	1
Birmingham (Edgbaston)	1007.5	−3	SE	3	o	54	75	7	2500	StCu	4	ASt	10	•
Nottingham	1007.6	−1	SW	1	o	50	85	6	·	·	0	ASt	10	•
Cranwell	1009.1	0	S'W	2	c	49	85	8	·	·	0	ACu	8	•
Gorleston	1011.1	0	S	1	c+	55	75	6	·	·	0	ASt	8	0
Valencia (Cahirciveen)	989.7	−3	SSW	2	c/r	53	92	7	1500	St	7	·	7	4
Roches Point	990.2	−12	SE	7	orr	54	97	5	600	Nb	10	·	10	7
Pembroke (St. Ann's H.)	1001.7	−8	S	8	orr	54	92	7	2500	Nb	10	·	10	6
Ross-on-Wye	1006.7	−3	S	3	od	53	85	8	2500	Nb	8	ASt	10	•
Benson	1009.0	−3	S'E	3	o	54	75	8	*	St	3	ASt	10	•
Andover	1009.1	−2	S	4	o+	54	85	8	2500	StCu	8	ASt	10	•
S. Farnborough	1010.0	−2	SSW	3	o	55	85	7	5700	St	2	ASt	10	•
London (Kew Obsy.)	1010.4	−1	S'E	2	o	55	75	6	5700	St	5	ASt	10	•
Croydon	1010.8	−1	S'W	2	o	55	85	7	·	·	0	ACu	9	•
Clacton-on-Sea	1011.0	0	SSW	4	c4	57	75	7	1500	Cu	2	Ci	7	1
Shoeburyness	1011.2	0	SW	3	bc	54	75	7	·	·	0	Ci	5	•
Grain	1011.6	+1	S'W	3	o+	55	75	8	·	·	0	CuSt	10	0
Lympne	1011.6	−1	SW	3	c/r	54	75	8	1500	Nb	6	ACu	8	•
Scilly (St. Mary's)	1000.6	−8	SSE	7	orr	55	97	6	2500	Nb	10	·	10	7
Falmouth (Pendennis)	1003.2	−5	S	7	orr	54	85	7	4000	Nb	10	·	10	1
Plymouth (Cattewater)	1003.7	−8	S	6	orr	54	97	7	800	Nb	10	·	10	3
Portland Bill	1008.4	−4	S	3	cR	54	85	7	2500	Nb	10	·	10	3
Southampton (Calshot)	1009.6	−4	SSE	4	o	57	85	8	4000	StCu	4	ASt	10	0
Dungeness	1011.4	−1	WSW	4	o+	56	85	8	5700	CuNb	3	CuCu	10	4
Jersey	1009.8	0	WSW	3	o/r	59	75	6	1500	Nb	10	·	10	4
Guernsey	1010.4	−3	S'W	4	od/r	56	85	8	4000	Cu	1	ASt	10	6

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0000 G.M.T. 25								YESTERDAY.	TO-DAY.	
Kew (24 hours ended 0700)	18	bcmoy	cyo	oorrf/b	*	*	48	–	4	6.6	*	*
Croydon (24 hours ended 0700)	244	bc.oky	c.oy	orr/Rb	*	*	47	–	6	8.0	*	*
Greenwich (Royal Obsy.)	148	bcc	co	odrb	64	51	45	–	3	5.9	56	69
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	6.4	*	*
Westminster (St. James' Pk.)	27	*	*	*	61	53	40	4	*	7.6	52	64
Regent's Pk. (Botanic Gdns).	–	*	*	*	*	*	*	*	*	9.8	*	*
Camden Square	110	bc	cbc	*	63	50	47	–	4	*	72	
Kensington Palace	50	bc	bco	*	62	52	45	–	5	*	70 18h	71
Hampstead Observatory	450	*	*	*	60	50	46	–	7	7.2	*	74

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
0.4	7h. 24m	0.3	1-4h.
0.3	19h. 23m		24h.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21h 19m 00s to 23h 05m 00s

Stars.	Exposure.	Record.	
Polaris	h. m. 10.0	h. m. 0.53	10
δ Ursæ Minoris	10.0	0.55	3

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew or wet grass (but not wet ground).
6 = Snow (lying to-day in 1200 and 1800 reports (Hour treat in 0300 and 0900 reports).
7 = Snow (lying yesterday, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
10h.	1-2	6	–	135°
10½	4½	7	–	160
11½	4½	6	–	35
12½	4½	5	–	35

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

25th September, 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.45	11.48	5.48
	5.46	11.44	5.42
Greenwich	5.52	11.52	5.52
	5.53	11.51	5.49
Wick	6.4	12.4	6.3
	6.6	12.3	6.0
Valencia	6.33	12.33	6.33
	6.34	12.32	6.30

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. rR = 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; − = "decreasing"; + = "increasing."

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

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

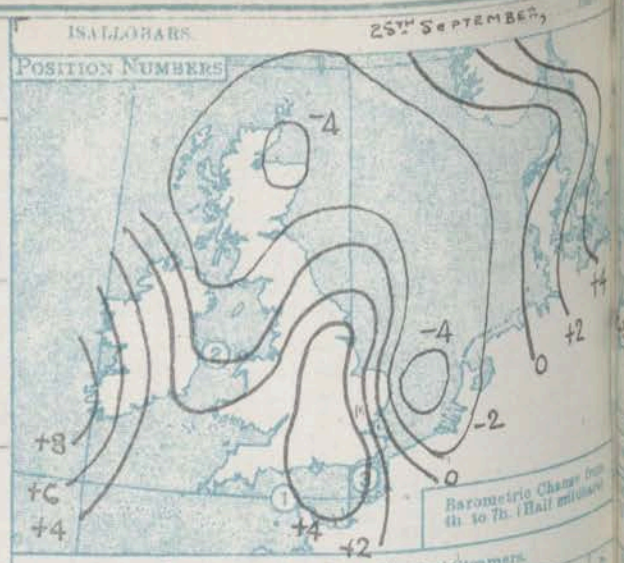
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 24th	18h.-18h. 24th	18h.-7h. 24th to 18h. 25th	18h.-7h. 25th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 24th Hours.
Lerwick	cpr	bc	b	bc	50	39	•	0.6	–	L0800	–	6.6
Stornoway	b-bc	b-bc	c	p	52	44	•	–	0.3	–	–	9.1
Wick	ocp	cprr	F	r.r.m	50	46	•	2	0.4	L0800	0430	•
Castlebay	bbc	bcpo	orr	rro	54	49	•	Tr.	4			
Nairn	cbc	bcq	cirq	cq	52	41	•	–	1	–	0130	8.2
Aberdeen	c	prbc	ocm	omrr	52	50	47	1	5	13.30	0430	6.3
Malin Head	cov	o	orr	rrco	55	47	•	–	8	–	2100	3.9
Renfrew	bmbc	oo	oqrr	orrm	58	46	39	–	7	–	2200	7.5
Edinburgh (Inchkeith)	mz	c	oo	rrfir	56	48	45	–	2	–	2400	7.1
Leuchars	cbbc	bcc	oo	oR R	57	43	38	–	11	–	0130	8.1
Eskdalemuir	bbcc	ocbcc	ooR	oRoiR	56	40	37	–	10	–	2200	8.0
Tynemouth	b-bc	c	om	orrm	56	50	46	–	6	–	0130	•
Blacksod Point ...	o	p	p	p	54	47	•	9	14	–	–	•
Donaghadee	bc	o	omrq	bc	57	42	•	–	13	–	<2100	•
Birr Castle	co	corco	copro	copbc	54	41	40	1	7	16.30	<2100	0.2
Holyhead	cco	oiro	r.rcb	corrm	55	49 51	50	Trace	4	16.30	<2100	2.7
Liverpool (Bidston) ...	tbc	bco	bc	or	57	48	44	–	2	–	2400	3.9
Chester (Shotwick) ...	oid.ocr	cvoo	orrmq	qRqid	61	48	43	Trace	3	L0800	<2100	3.2
Spurn Head	b-bc	c	corr	orrc	59	47	•	–	7	–	2400	7.0
Birmingham (Edgbaston)	bcc	coco	coir	orrc	58	47	44	–	12	–	<2100	6.9
Nottingham	c	c	or.	rrc	59	49	45	–	5	–	2200	5.0
Cranwell	bcco	c	r-d	rrbcb	59	46	40	–	7	–	2200	7.8
Gorleston	bcmc	bcem	oqrr	oqroc	62	52	49	–	4	–	2400	8.5
Valencia (Cahirciveen)	oir	orc	opbc	bcob	55	52	48	28	3	11.00	2400	0.5
Roches Point	oror	rrmm	bcor	rbc	56	51	•	14	8	12.30	0430	•
Pembroke (St. Ann's H.)	o	oocrr	oqrq	oqp	57	53	•	0.4	8	17.30	<2100	0.7
Ross-on-Wye	cbccoc	oo	odoR	oirqc	58	49	44	–	10	–	<2100	5.8
Benson...	co	o	oir	oirbc	61	49	43	–	4	–	<2100	•
Andover	bbcc	o	oorr	orrb	60	48	43	–	8	–	<2100	6.8
S. Farnborough ...	bco	oo	orrq	oqiRb	62	50	49	–	6	–	<2100	7.2
London (Kew Obsy.) ...	bcmoy	cyo	oorro	oorrqbb	61	52	48	–	4	–	<2100	6.6
Croydon	bcomy	coy	orrqmi	oRRqb	61	50	47	–	6	–	<2100	8.0
Clacton-on-Sea ...	bccz	czgbcc	coq	oqrbc	61	53	52	–	2	–	0330	8.3
Shoeburyness	bmbc	bc	bcoc	bcb	62	51	47	–	2	–	<2100	9.4
Grain	bmbcy	cybco	ooro	orob	62	52	45	–	2	–	2200	8.4
Lympne	bbc	cbpr	comr	obcmr	60	51	48	Trace	5	17.30	2200	8.6
Scilly (St. Mary's) ...	om	omqrr	cqbc	bcq	58	52	•	4	15	13.30	<2100	0.0
Falmouth (Pendennis)	bcco	cor	corbc	bc	57	53	•	2	5	14.30	<2100	0.4
Plymouth (Cattewater)	oco	qorm	orcp	cpbc	58	53	43	3	5	15.30	<2100	1.8
Portland Bill	b-bc	c	r-d	r-d	58	54	•	1	7	17.30	<2100	•
Southampton (Calshot)	o	oo	orrr	rrpc	60	53	50	–	4	–	<2100	7.3
Dungeness	c	c	r-d	oqrr	61	54	•	–	5	–	2100	•
Jersey	bcco	odo	od.	opb	63	56	•	0.1	2	17.30	2200	2.8
Guernsey	c	cco	.	r.r.	60	55	•	0.3	4	16.30	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	24th 1005	ANGLIA	SW'S	5	C	52	55	5
1	24th 1300	REINDEER	W	4	O+.	61	59	7
3	25th 0300	BRIGTON	WSW	7	PR+	65	59	5

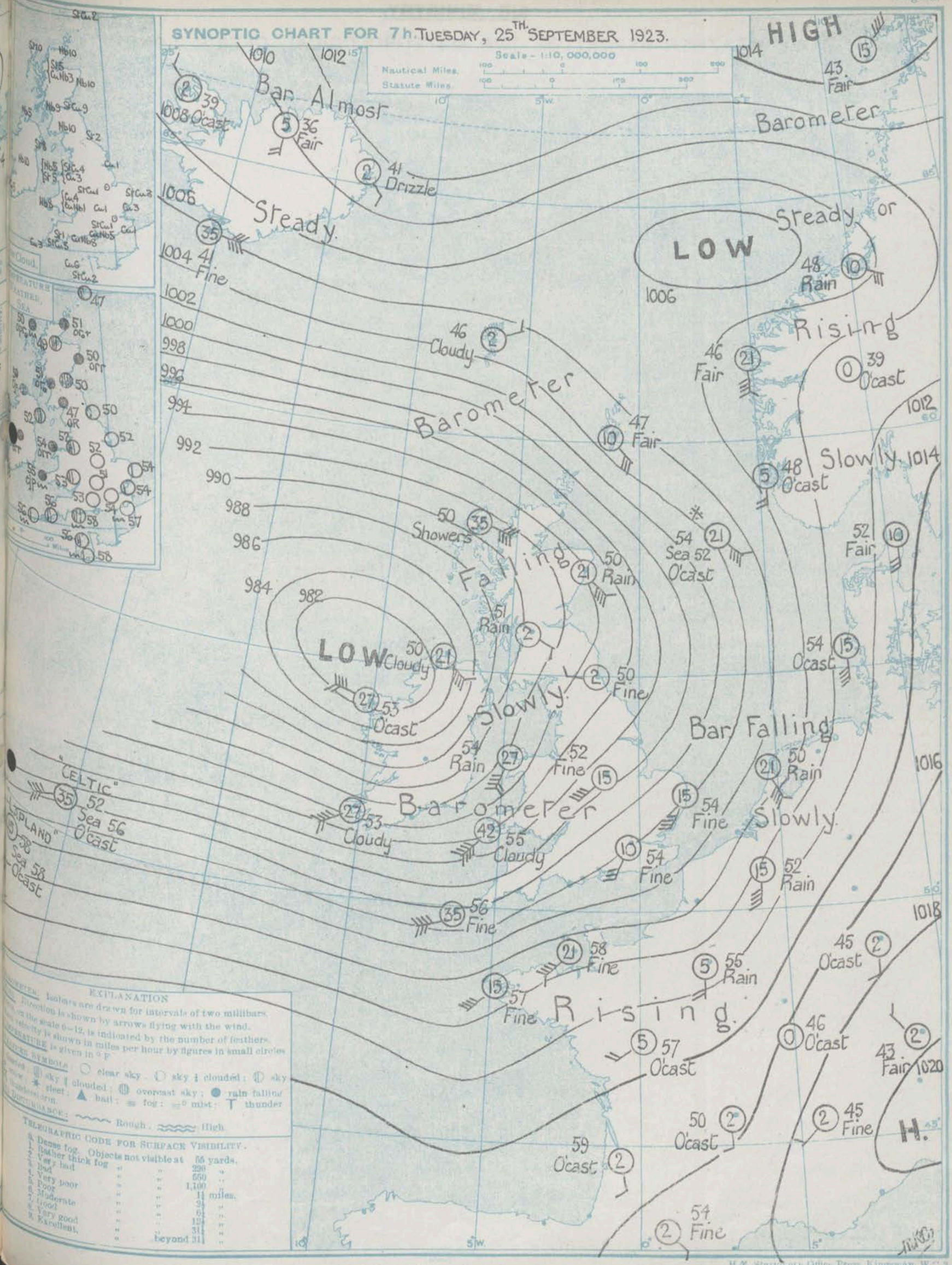
GENERAL INFERENCE.

The depression centred over the NW. coasts of Ireland will probably move slowly NE., and become less deep, and a new disturbance which is developing far out in the Atlantic will advance towards our western coasts. Winds will be mainly from S. and SW., but from SE. at first over Scotland, strong at times, reaching gale force locally on the coasts, and showers are probable with fair periods.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday 25th September, 1923.	Further Outlook.
1. S.E. England 2. E. England	Wind SW. fresh to strong at times, a gale locally on the coast; occasional showers, bright intervals; visibility moderate to good; moderate temperature.	Unsettled.
3. E. Midlands 4. W. Midlands	Wind SW. fresh to strong at times, occasional showers, bright intervals; visibility moderate to good; moderate temperature.	
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between SW. and W., fresh to strong at times; a gale locally on the coast; occasional showers, bright intervals; visibility moderate to good; moderate temperature.	
9. N. Midlands 10. N.E. England	As 3 - 4.	South Cone still flying
11. E. Scotland 12. S.W. Scotland	Wind southerly, fresh to strong at times; showers, fair periods; visibility moderate to good; moderate temperature.	
13. Isle of Man	As 5 - 8.	South Cone hoisted 0400 today.
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind SE., veering to south, fresh to strong at times; much cloud at first; with rain at times, probably improving; visibility good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind SW. to W., backing to South later; fresh to strong at times, a gale locally on the coast; visibility moderate to good; moderate temperature.	

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 25th September 1923. No. 268

Observations at 0100 G.M.T. 25

STATIONS.	Height above M.S.L. in Feet.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1007·0	0	-	0	b	41	92	8	4000	Cu	1	-	1
Stornoway	51	997·4	-5	E	4	0	•	•	5	•	•	•	•	•
Wick	81	1000·4	-2	ESE	3	0	50	92	8	1500	St	5	C.St	10
Castlebay	27	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	998·0	-7	SE	5	0rr	52	97	7	4000	Nb	8	A.St	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	150	997·2	-7	ESE	3	0r	50	85	7	-	Nb	10	-	10
Lanchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1000·4	-6	S	3	0r	51	92	6	800	Nb	10	-	10
Blacksod Point	10	998·0	-7	SSE	6	0	54	97	7	*	*	*	*	•
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	999·5	-6	SSW	5	b-	54	97	8	1500	StCu	2	-	2
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1002·8	-5	SSE	5	0RR	47	97	7	4000	Nb	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1001·7	-7	SE'S	4	0r	51	97	6	1500	Nb	10	-	10
Gorleston	13	1009·7	-2	S	6	0rr	55	85	6	2500	Nb	10	-	10
Valencia (Cahirciveen)	30	998·9	-2	NW	5	0PR	54	97	8	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	999·0	+2	SW	8	bc	56	85	8	2500	Cu	6	-	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	188	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1004·1	-7	S'E	4	0d	55	85	7	800	Nb	8	A.St	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1006·5	-6	SSW	6	0/r	56	92	7	1500	Nb	8	A.St	10
Scilly (St. Mary's)	131	1000·6	+2	WSW	5	b	55	92	8	4000	Cu	2	-	2
Falmouth (Pendennis)	200	1000·8	+3	W	6	b/r	55	85	8	5700	Cu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1000·9	-8	SSW	8	0rr	57	92	6	2500	Nb	10	-	10
Southampton (Oakhot)	12	1001·7	-7	SSE	7	0rr	56	92	6	800	Nb	10	-	10
Dungeness	21	1006·1	-5	SSW	7	0/r	58	85	7	4000	Nb	3	C.St	10
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—													

Observations at 0700 G.M.T. 25

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Bar. 0-9
Lerwick	1005·5	-2	SE	3	bcr	47	85	8	7200	St.Cu	2	A.Cu	4	2
Stornoway	995·0	-3	ESE	7	0/r	50	92	6	450	St	10	-	10	4
Wick	996·2	-4	E	5	0r+	51	92	6	2500	Nb	10	-	10	5
Castlebay	976·8	-1	E	4	0/r	52	92	7	1000	Nb	10	-	8	•
Nairn	997·7	•	ESE	1	c+	49	92	8	1500	St	8	-	10	4
Aberdeen	995·0	-4	SE	5	0rr	50	97	6	1500	Nb	10			
Malin Head	993·4	-2	SE	5	c/b	50	92	8	4000	Nb	5	A.Cu	7	3
Renfrew	998·3	-2	ESE	1	0r	51	85	6	1500	Nb	9	-	9	•
Edinburgh (Inchkeith)	999·5	-2	SSE	4	0/r	50	85	8	-	StCu	9	-	9	2
Lanchars	993·2	-4	SE	2	bc/r	50	97	7	5700	StCu	6	-	6	•
Eskdalemuir	992·2	-2	SE	2	0 R	47	97	6	1500	Nb	10	-	10	•
Tynemouth	994·0	0	W	1	b/r	50	92	5	800	St	2	-	2	2
Blacksod Point	980·7	+5	WNW	6	0	53	97	7	*	*	*	*	10	6
Donaghadee	989·5	-1	S	3	c+	52	86	8	1500	St	8	-	8	4
Birr Castle	987·4	•	SW	4	0rr	51	92	6	2500	Nb	10	-	10	•
Holyhead	992·6	0	SSW	6	0rr	54	97	6	1500	Nb	10	-	7	5
Liverpool (Bidston)	995·1	0	S'W	4	c/r	52	85	7	2500	StCu	7	-	9	•
Chester (Shotwick)	995·6	+1	SE	3	0/b	52	85	8	1500	St	9			
Spurn Head	998·7	+4	SSW	5	b-	52	97	7	4000	Cu	1	-	1	4
Birmingham (Edgbaston)	1000·6	+3	SSE	4	0r	50	97	7	1500	Nb	10	-	10	•
Nottingham	998·6	+4	SW	4	b-	52	92	7	2500	StCu	1	-	1	•
Cranwell	999·6	+3	SSW	4	b	50	97	7	-	-	0	-	0	4
Gorleston	1003·7	-4	SW'S	4	b	54	85	6	4000	StCu	3	-	3	•
Valencia (Cahirciveen)	993·0	+9	SW'W	6	c	53	85	7	1500	StCu	5	A.Cu	10	7
Roches Point	994·6	+4	WSW	6	OR	51	97	6	1500	Nb	10	-	8	•
Pembroke (St. Ann's H.)	997·4	+2	SW	8	c/b	55	85	7	2500	Nb	8	-	5	•
Ross-on-Wye	1000·3	+3	SW	4	b/-	53	85	7	4000	Cu	5	-	1	•
Benson	1002·8	+4	SSW	4	b/r	51	92	8	-	Cu	1			
Andover	1003·8	+3	SSW	4	b/r	52	92	8	2500	StCu	2	-	2	•
S. Farnborough	1003·6	+4	SW	6	b+	53	85	7	-	StCu	1	-	1	•
London (Kew Obsy.)	1004·2	+5	SSW	3	b	54	85	7	-	-	0	-	0	•
Croydon	1004·3	+3	SW'S	4	b/r	52	92	7	1500	Cu	1	-	1	•
Clacton-on-Sea	1004·2	+2	SSW	4	b-	54	92	7	2500	Cu	3	-	3	3
Shoeburyness	1004·8	+2	SSW	2	b-	55	85	7	-	-	0	-	0	•
Grain	1005·2	+2	SSW	4	b-	54	85	7	-	-	0	-	0	0
Lympne	1004·9	+2	WSW	4	b	53	85	7	4000	Cu	1	-	1	•
Scilly (St. Mary's)	1003·1	+3	WSW	7	b	56	85	6	4000	Cu	3	-	3	7
Falmouth (Pendennis)	1003·2	+3	W	6	bc+	56	75	7	4000	StCu	5	-	5	1
Plymouth (Cattewater)	1004·0	+4	WSW	7	b/r	56	85	7	800	St	1	A.Cu	2	•
Portland Bill	1003·4	+4	WSW	7	c/r	58	75	6	4000	CuNb	8	-	8	3
Southampton (Oakhot)	1005·2	+4	SW'S	6	bc/b	57	85	7	2500	CuNb	5	-	5	6
Dungeness	1005·6	+4	SW	5	b/r	57	85	7	5700	Cu	1	-	1	8
Jersey	1006·2	+2	SW	5	b/r	58	85	7	4000	StCu	2	-	2	5
Guernsey	1008·2	+5	W	6	bc	56	85	8	4000	Cu	6	-	6	

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 23-24 °F.	Temperature. Max. Day. 24 °F.	Rainfall.† Night 17h.-9h. 23-24 mm.	Rainfall.† Day 9h.-17h. 24 mm.	Sunshine. Sunrise to 17h. 24 hr.	Sunshine. Sunrise to Sunset. 24 hr.
Montrose	bbc	bccm	39	55	0·1	-	8·2	1·0
Berwick-on-Tweed	rocb	bebcz	41	54	1	-	7·3	6·8
Llandudno	bcc	co	48	59	1	-	2·5	2·5
Colwyn Bay	bc	bc	48	59	-	-	3·3	2·5
Rhyl	bc	co	45	58	3	-	4·0	3·5
Southport	bcbc	bcco	50	57	-	-	5·7	6·4
Blackpool	cb	cco	50	59	0·1	-	5·1	5·5
Ilkley	zwbc	bbcm	38	52	0·2	-	5·6	4·0
Harrogate	b	cz	41	58	-	-	5·3	3·5
Skegness	b	b	40	59	0·4	-	7·7	4·6
Aberystwyth	roc	b	50	58	2	-	2·3	3·0
Bath	bbc	bccg	45	60	-	-	5·5	4·0
Leamington Spa	bcb	bco	40	59	2	-	5·9	1·8
Lowestoft	c	bcbcco	45	62	0·2	-	8·3	8·2
Felixstowe	b	bbc	47	62	-	-	8·9	6·0
Southend	bc	bc	48	63	-	-	8·1	4·5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 23-24 °F.	Temperature. Max. Day. 24 °F.	Rainfall.† Night 17h.-9h. 23-24 mm.	Rainfall.† Day 9h.-17h. 24 mm.	Sunshine. Sunrise to 17h. 24 hr.	Sunshine. Sunrise to Sunset. 24 hr.
Ilfracombe	bcc	cor	51	59	2	1	1·8	3·6
Bude	ccoo	corrr	48	59	0·5	1·0	0·7	4·3
Penzance	bbcbqb	cbcqbcq	44	59	3	-	2·0	6·7
Paignton	bcbc	bcor	46	59	4	0·1	2·3	6·5
Torquay	cc	oz	50	63	1	-	7·0	4·3
Weymouth	bbb·	co	46	60	-	-	7·3	5·1
Bournemouth	bb	bbc	43	61	-	-	8·0	5·3
Portsmouth (S'thsea)	bc	bc	43	61	-	-	8·4	4·8
Littlehampton	bbc	co	44	61	0·3	-	8·5	4·4
Worthing	b	bbco	47	60	0·4	-	8·5	4·0
Brighton	bbc	bcco	47	61	-	-	9·0	3·9
Eastbourne	bbcbb	bbcco	44	61	0·2	-	8·4	3·3
Hastings	bc	bc	44	62	-	-	8·7	3·8
Folkestone	b	bcbbc	46	60	1	-	9·3	4·0
Dover	b	bbc	42	61	5	-	9·0	3·3
Tunbridge Wells	b	b	43	[illegible]	-	-	9·2	6·2
Ramsgate	b	bbcc	46	62	-	-	8·5	4·7
Margate	bcb	bbc	44	62	-	-	8·9	
Deal								

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‡ Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 4. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22588. WEDNESDAY, 26th SEPTEMBER 1923.

Observations at 1500 G.M.T. 25th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	1001.7	-3	E	5	o/p	50	92	6	4000	Nb	2	ASt	10	•
Stornoway	9909	0	ENE	4	o/r	53	92	6	900	St	10	-	10	•
Wick	9933	-3	E	5	orr	51	97	6	800	St	10	-	10	•
Castlebay	9931	+1	ENE	4	bc-	52	85	7	2500	CuNb	6	-	6	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	9920	-1	NE	3	b-	57	85	7	1500	Cu	1	ACu	2	2
Malin Head	9943	+2	NW	2	o/r	55	92	9	5700	Nb	7	ACu	9	•
Renfrew	9933	0	S	3	opr0	56	85	7	1500	CuNb	9	-	9	2
Edinburgh (Inchkeith)	990.9	-2	SSE	2	orr	53	85	8	-	CuNb	10	-	10	•
Leuchars	990.8	-1	SSE	3	c/r	56	75	8	5700	CuNb	8	-	8	2
Eskdalemuir	990.7	0	SSW	6	or0r0	52	85	7	1500	Nb	10	-	10	2
Tynemouth	9942	0	S	4	o/p	56	75	6	1500	Nb	8	-	8	•
Blacksod Point	9937	+3	W	4	o	57	92	9	*	*	*	*	*	*
Donaghadee	9936	0	SW	4	oRR	53	92	6	450	St	4	ASt	10	•
Birr Castle	9925	*	SW	3	bc-	58	75	8	4000	Cu	6	-	6	•
Holyhead	9942	+3	SW's	6	bc+	57	85	8	4000	StCu	4	CiCu	5	1
Liverpool (Bidston)	9937	+1	SW	5	c+	56	75	7	1500	CuNb	7	-	7	•
Chester (Shotwick)	996.6	+2	SSW	5	o/r	57	75	8	1500	St	10	-	10	2
Spurn Head	998.1	0	SSW	6	o/p	53	92	7	4000	Nb	8	-	8	•
Birmingham (Edgbaston)	1000.7	+1	S	6	or0	55	75	7	4000	Nb	10	-	10	2
Nottingham	9993	+1	WSW	6	o	53	75	7	800	StCu	9	-	9	•
Cranwell	1000.8	+1	SW's	6	bc	60	85	8	2500	Cu	3	ACu	4	1
Gorleston	1005.1	+1	SW's	5	bc+	63	55	6	4000	Cu	4	-	4	•
Valencia (Cahirciveen)	1000.1	+3	SW'w	7	o	55	75	7	1500	St	7	ASt	10	2
Rockes Point	9999	+6	WSW	7	o	56	92	8	1500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1001.0	+3	SW's	8	c	55	75	7	2500	St	8	-	?	•
Ross-on-Wye	1002.2	+3	SW	5	o/r	56	75	8	2500	Nb	8	Ci	9	2
Benson	1004.9	+2	SW	6	c	57	65	9	-	StCu	8	-	8	1
Andover	1005.5	+2	SW'w	5	b/r	61	55	8	1500	StCu	3	-	3	1
S. Farnborough	1005.9	+2	SW	8	c	58	75	7	2500	Nb	5	ACu	7	1
London (Kew Obsy.)	1006.1	+3	SW	4	bc/r	59	65	8	-	-	0	ACu	2	2
Croydon	1006.4	+2	WSW	3	o/r	57	75	8	1500	Nb	9	-	9	2
Cleeton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1006.0	+1	SW's	7	c/r	63	65	7	2500	StCu	6	Ci:St	8	•
Grain	1006.5	+1	SW's	6	c/p	61	55	8	4000	Nb	7	-	7	0
Lympne	1008.0	+2	WSW	6	c	60	65	7	1500	Cu	8	-	8	0
Scilly (St. Mary's)	1007.4	+4	WSW	6	c	58	85	7	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1006.6	+3	W	7	c+	59	65	7	4000	StCu	8	-	8	•
Plymouth (Cattewater)	1007.4	+3	WSW	6	c-	57	75	7	2500	StCu	2	ASt	8	0
Portland Bill	1006.6	+3	WSW	8	bc	59	65	6	2500	Cu	6	-	6	•
Southampton (Calshot)	1007.6	+2	SW	6	b/p	59	75	7	2500	CuNb	2	-	2	1
Dungeness	1008.3	+4	WSW	6	bc+	62	75	7	5700	Cu	6	-	6	•
Jersey	1012.4	+1	WSW	6	o	60	65	8	4000	StCu	10	-	10	•
Guernsey	1011.1	+3	W's	7	mmo	59	85	7	2500	StCu	9	-	9	

Observations at 1500 G.M.T. 25th

STATIONS.	Barom. at M.S.L. m.b	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	9945	-5	E	7	orr	50	97	5	4000	Nb	10	-	10	6
Stornoway	9937	+3	NE	3	bc-	50	97	7	4000	Cu	6	-	6	2
Wick	9933	+1	ENE	3	od	51	97	8	800	St	10	-	10	4
Castlebay	9941	+6	NW	3	c	54	85	8	2500	StCu	8	-	8	3
Nairn	9921	*	E	1	cR	54	97	8	2500	Nb	8	-	8	•
Aberdeen	9927	+1	SSW	2	bc-	53	92	6	1500	St	3	Ci	4	1
Malin Head	9942	+10	WNW	5	c/r	53	97	8	5700	Nb	4	ACu	8	4
Renfrew	9934	+2	N	1	or0	52	92	5	2500	Nb	10	-	10	•
Edinburgh (Inchkeith)	9931	+1	ESE	1	orr	52	92	6	-	St	10	-	10	1
Leuchars	9909	0	SSE	2	o/r	53	97	7	5700	Nb	9	-	9	•
Eskdalemuir	9913	0	SSW	6	orr	51	92	6	800	Nb	10	-	10	•
Tynemouth	9952	+1	SSW	3	or0r0	55	75	6	1500	Nb	10	-	10	2
Blacksod Point	9932	+5	W	4	o+	55	97	9	*	*	*	*	*	5
Donaghadee	9946	+5	W	3	o/p	55	75	8	800	St	9	-	9	3
Birr Castle	10004	*	W	3	bc	55	85	7	4000	Cu	6	-	6	•
Holyhead	9985	+6	SW'w	5	bc	54	85	8	4000	StCu	4	-	4	5
Liverpool (Bidston)	9983	+4	SW	4	bc/r	53	75	8	1500	CuNb	5	-	5	5
Chester (Shotwick)	9983	+2	WSW	6	or	54	~~75~~ 85	~~8~~ 7	1500	St	10	-	10	•
Spurn Head	9996	+1	SW's	6	or0+	54	97	7	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	10030	+4	SSW	5	or	52	85	8	2500	Nb	10	-	10	•
Nottingham	10009	+1	SW	5	orr	53	85	7	2500	Nb	10	-	10	•
Cranwell	10016	+2	SW's	5	or0	53	97	7	2500	Nb	10	-	10	•
Gorleston	10063	+1	SSW	4	~~orr~~ cpq	57	75	6	4000	StCu	10	-	10	1
Valencia (Cahirciveen)	10073	+3	WSW	4	o+	56	85	7	1500	St	10	-	10	6
Rockes Point	10050	+7	W	3	c-	56	97	8	1500	StCu	7	-	7	6
Pembroke (St. Ann's H.)	10039	+2	SW	8	c	56	85	7	2500	St	8	-	8	8
Ross-on-Wye	10041	+2	SW'w	6	o-	54	75	8	2500	Nb	8	ac	9	•
Benson	10034	-3	SW	6	c	54	85	8	-	St	8	-	8	•
Andover	10079	+3	SW	5	o+	53	85	8	2500	StCu	10	-	10	•
S. Farnborough	10082	+4	SW	3	c+	54	85	6	1500	StCu	7	-	7	•
London (Kew Obsy.)	10079	+5	SW	4	o	57	65	8	1500	StCu	10	-	10	•
Croydon	10080	+2	SW	4	c/r	55	75	7	1500	St	8	-	8	•
Cleeton-on-Sea	10073	+2	SW	5	c	58	75	6	4000	StCu	7	-	7	4
Shoeburyness	10078	+1	SW	6	c	57	75	7	2500	StCu	6	Ci:St	8	•
Grain	10081	+2	SW's	6	bc/r	57	65	8	4000	StCu	4	-	4	0
Lympne	10095	+2	WSW	7	or0	55	75	6	1500	Nb	9	-	9	•
Scilly (St. Mary's)	10112	+4	W	6	c	56	92	7	4000	StCu	8	-	8	7
Falmouth (Pendennis)	10112	+4	W	6	c	56	75	7	4000	StCu	8	-	8	1
Plymouth (Cattewater)	10105	+5	W	7	o/r	56	75	7	1500	St	10	-	10	4
Portland Bill	10085	+2	WSW	8	c+	57	75	6	4000	StCu	8	-	8	6
Southampton (Calshot)	10096	+3	SW	6	o+	57	75	7	2500	Cu	10	-	10	3
Dungeness	10092	+2	SW	6	c+	58	75	7	2500	St	7	-	7	6
Jersey	10140	+1	W	6	o	59	65	8	4000	StCu	10	-	10	6
Guernsey	10137	+3	W	6	c/r	57	85	8	2500	Nb	8	-	8	5

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 26th								YESTERDAY.	TO-DAY.	
Kew (24 hours ended 0700)	18	bcpqbc	bcpqp	onpqb	*	*	49	1	ha	5.6	*	*
Croydon (24 hours ended 0700)	244	bprpr	obc pq	cqdbc	*	*	48	1	0.1	6.5	*	*
Greenwich (Royal Obsy.)	149	bc	cdp	cobe	65	53	45	2	-	6.6	71	83
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	5.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	63	54	50	-		5.9	60	77
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	4.9	*	*
Camden Square	110	bccpo	orac	*	63	52	46	1		*	*	86
Kensington Palace	80	bcp	bco	*	64	52	47	1	-	*	15(18h)	87
Hampstead Observatory	450	*	*	*	60	51	44	1	ha	5.9	*	88

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 25th

South Kensington Max.	Time.	Min.	Time.
0.6	20h 24th	<0.3	1h 25th
0.3	7h 25th		

Kew Observatory Max.	Time.	Min.	Time.
0.4	19h 24th	<0.3	24h
0.3	8h 25th		24th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 19h 00m to 26th 05h 00m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10-0	4.32	45
δ Ursae Minoris	10.0	3.56	39

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
13h.	Cg2	6	-	80°
18h.	Cg2	7	-	115°
21h.	Cg3	7	-	130°
23h.	Cg3	7	-	145°

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

26th & 27th SEPTEMBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.46 / 5.48	11.44 / 11.44	5.42 / 5.40
Greenwich	5.53 / 5.55	11.51 / 11.51	5.45 / 5.47
Wick	6.6 / 6.9	12.3 / 12.3	6.0 / 5.57
Valencia	6.34 / 6.36	12.32 / 12.32	6.30 / 6.28

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station.
q squally. r rain. s snow.
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 intensity; 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:—bcp/r = fair weather after rain; - = "decreasing"; + = "increasing."

The BEAUFORT SCALE of WIND is used only for surface observations.

In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

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

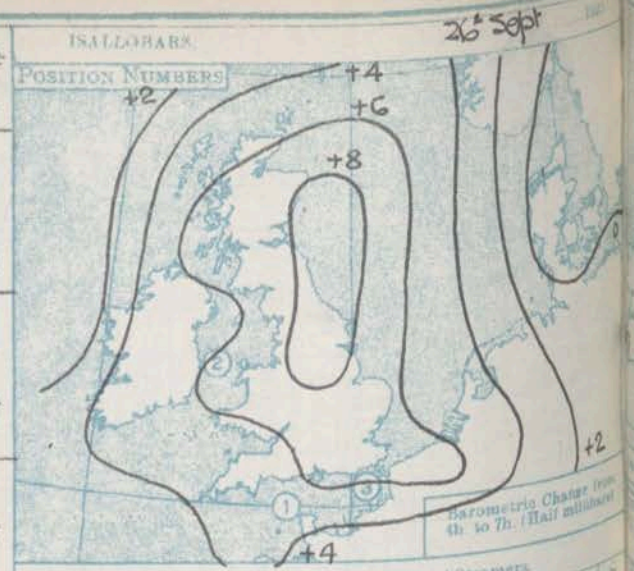
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-15h. 25th	WEATHER. 15h.-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.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 25th Hours.
Lerwick	aq	omrq	omr	om	51	49	•	3	2	1330	<2100	1.3
Stornoway	r	c	c	oo	56	49	•	0.5	0.1	-	-	2.4
Wick	rqm	oirid	oo	oo	51	47	•	4	0.2	<0800	<2100	•
Castlebay	opc	co	ocbω	bpb	57	50	•	2	0.2	-	-	1.6
Nairn	cbec	cirq	cpq	cq	58	44	•	4	1	1630	<2100	2.8
Aberdeen	orrob	bbem	boirm	cmw	57	45	37	5	2	<0800	2200	4.2
Malin Head	coir	coR	cobc	bc	57	52	•	5	-	<0800	-	1.0
Renfrew	orop	orrm	omb	bbco	58	45	34	7	0.1	<0800	<2100	1.5
Edinburgh(Inchkeith)	p	rrm	c	c	55	50	47	5	1	<0800	-	1.4
Leuchars	beap	cRor	or.c	cbbc	60	45	31	3	trace	1230	<2100	3.1
Eskdalemuir	oiR	orriR	oirrc	coid	53	47	44	22	2	<0800	<2100	0.4
Tynemouth	bbcmq	cmp.	orm	cm	58	51	46	trace	2	1330	<2100	•
Blacksod Point ...	p	p	p	p	58	49	•	4	1	-	-	•
Donaghadee	omr	omrq	bcq	bc	58	48	•	4	0.2	1100	0130	•
Birr Castle	copre	copre	copr	copr.	58	52	48	3	2	<0800	<2100	5.6
Holyhead	oirqm	bcbcq	bccpo	oo	59	53	50	1	0.5	<0800	<2100	3.7
Liverpool (Bidston)...	ropbc	co	c	c	58	52	47	1	0.6	1100	<2100	1.6
Chester (Shotwick) ...	arq	orq	orcqbc	bcbc	58	53	45	6	0.4	<0800	<2100	1.4
Spurn Head	c	p	c	qcbc	61	~~53~~ 47	•	0.3	0.5	1430	<2100	6.8
Birmingham (Edgbaston)	cr.	coir.	oirc	bcc	59	50	46	1	0.3	<0800	<2100	3.4
Nottingham	opoc	rrir	ro	bbc	60	50	45	1	2	0900	<2100	4.8
Cranwell	bbce	r	r-d	c	61	49	45	trace	1	1430	<2100	7.5
Gorleston	bcq	cqpo	cqpbc	bq	64	51	47	0.5	1	1330	<2100	7.4
Valencia (Cahirciveen)	coir	oco	opc	co	56	53	51	2	1	<0800	<2100	0.0
Roches Point	ro	c	copb	bo	57	54	•	1	trace	<0800	<2100	•
Pembroke (St.Ann's H.)	coq	coq	oq	oo	57	55	•	-	-	-	-	1.4
Ross-on-Wye	cpoiRqp	ocqoq	cidbc	coido	57	53	49	8	0.3	<0800	<2100	2.5
Benson...	bcc	cc	r.o	oco	62	50	40	trace	0.3	-	2200	•
Andover	bobrb	bqobr	opr.o	ood	61	51	47	0.2	1	1100	<2100	5.5
S. Farnborough ...	biRc	cpre	cm	or.	62	50	50	1	0.1	0900	0230	5.7
London (Kew Obsy.)...	bcpqbc	bcqoq	ompqocc	cbw	61	53	49	1	trace	1100	<2100	5.6
Croydon	bprprqc	obcpq	coqd.	odqbbc	62	53	48	1	0.1	1100	2400	6.5
Clacton-on-Sea ...	bc	bccpc	c	cbc	64	53	50	1	-	1230	-	7.9
Shoeburyness	bbccpcqq	bq	cqbc	bmb	65	53	49	0.1	-	1100	-	7.4
Grain	bcpc	bcpqc	bcpoc	cbcdb	64	49	45	0.2	trace	1430	<2100	8.4
Lympne	bc	bbco	or.m	ocbcb	62	51	42	0.1	-	1430	-	8.1
Scilly (St. Mary's) ...	bccmq	cq	c	cq	59	55	•	-	-	-	-	5.2
Falmouth (Pendennis)	bccq	bccq	bcc	cocbc	60	55	•	-	-	-	-	6.4
Plymouth(Cattewater)	bbcc	cqpo	opc	co	58	54	44	trace	1	<0800	<2100	3.1
Portland Bill	c	c	c	c	60	58	•	-	-	-	-	•
Southampton(Calshot)	p	c	p	p	61	55	53	2	0.3	1100	2200	6.6
Dungeness	c	rhq	c	c	62	55	•	1	trace	1430	<2100	•
Jersey	bco	c	o	oc	63	57	•	-	-	-	-	6.0
Guernsey	cmcm	mcb	c	cmcm	60	55	•	trace	-	1430	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	25 1005	Anglia	SW	6	C	55	55
1	" 1200	Ibex	W	7	C	59	59

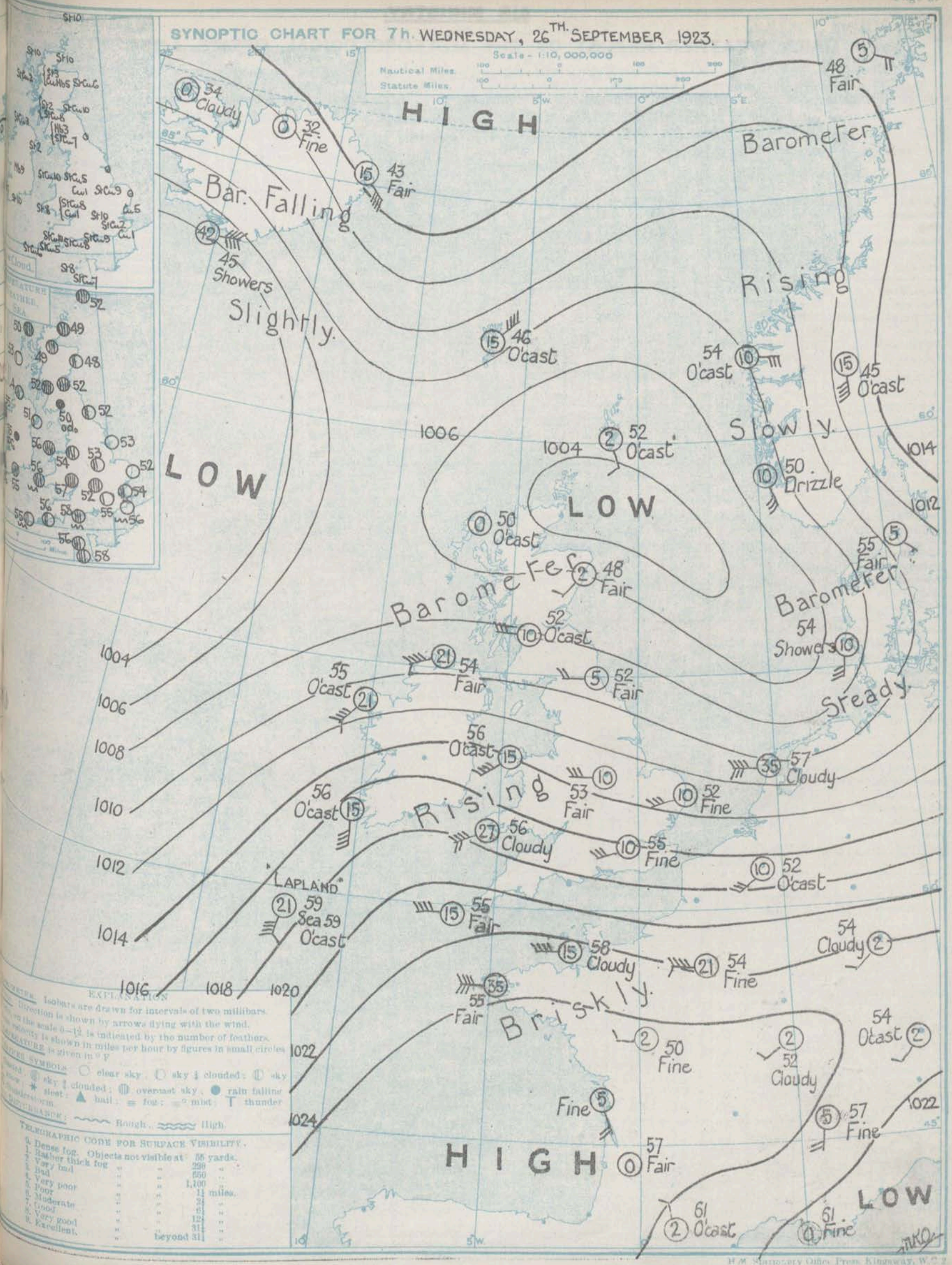
GENERAL INFERENCE.

The weather over the British Isles is likely to be influenced before long by a large depression at present southwest of Iceland. The weather will be mainly fair today with moderate to fresh southwesterly winds but rain is probable later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 26th September, 1923.	Further Outlook.
1. S.E. England ∇ 2. E. England ∇ 3. E. Midlands 4. W. Midlands	Wind SW., moderate or fresh, increasing later; mainly fair at first, much cloud and some rain or drizzle later; visibility moderate; little change of temperature.	Unsettled.
5. S.W. England ∇ 6. South Wales ∇ 7. North Wales ∇ 8. N.W. England ∇	Wind S. to SW., fresh to strong; much cloud, some rain or drizzle later; visibility moderate; little change of temperature.	
9. N. Midlands 10. N.E. England	Wind S. to SW., moderate to fresh, increasing later; rather cloudy with local drizzle today, dull to rainy tomorrow; visibility moderate; little change of temperature.	
11. E. Scotland	As 1 - 4.	
12. S.W. Scotland 13. Isle of Man ∇	As 9	∇ South Cone still flying.
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind SW., backing to south for a time, moderate at first, becoming strong again later; fair at first, dull to rainy later; visibility moderate; little change of temperature.	
17. N.W. Ireland ∇ 18. N.E. Ireland 19. S.E. Ireland ∇ 20. S.W. Ireland ∇	Wind S. to SW., fresh to strong, possibly reaching gale force locally; much cloud, some rain; visibility moderate; little change of temperature.	

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

† For Table see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....WEDNESDAY, 26TH SEPTEMBER....1923. No. 269

Observations at 0100 G.M.T. 26th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1004	+3	SE	2	0pr	51	97	6	4000	Nb	10	-	10
Stornoway	51	1004	+7	-	0	bc	•	•	5	•	•	•	•	•
Wick	81	998.2	+5	NW	1	0	48	97	7	2500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1003.4	+8	W	5	b	53	97	8	5700	Cu	3	-	3
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	998.9	+8	W	4	0	51	85	8	•	Cu	9	-	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	999.9	+5	W	3	0/r	53	85	6	800	Nb	10	-	10
Blacksod Point ...	10	1007.5	+4	W	3	0	55	92	6	"	"	"	"	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1007.8	+7	W'S	5	0/r	55	92	8	2500	StCu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1003.9	+3	SW	5	0	48	92	7	4000	StCu	9	-	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1006.1	+5	WSW	4	bc/r	51	97	7	4000	StCu	4	ACu	6
Gorleston	13	1007.7	+1	SW	3	b	54	85	7	4000	Cu	3	-	3
Valencia (Cahirciveen)	30	1013.1	+3	W	2	c	55	97	8	-	-	0	AS	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1012.5	-7	WSW	6	0	56	92	7	4000	StCu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	56	•	•	•	•	•	•	•
Croydon	244	1011.2	+3	WSW	4	od	54	92	7	1500	St	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1012.1	+3	W	4	0	53	92	7	1500	St	10	-	10
Scilly (St. Mary's) ...	131	1017.1	+4	W	5	c	56	97	7	4000	StCu	8	-	8
Falmouth (Pendennis)	200	1015.9	+4	W	5	0	57	85	7	2500	StCu	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1012.3	+5	W	8	c	58	85	7	4000	Cu	8	-	8
Southampton (Calshot)	12	1012.8	+3	SW	5	c/r	56	92	7	-	-	0	ACu	7
Dungeness	21	1011.2	+2	WSW	7	0+	57	97	7	5700	StCu	10	-	10
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	1	1017.3	+3	W	3	0	57	92	7	4000	Cu	9	-	9

Observations at 0700 G.M.T. 26th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. hr.
Lerwick	1004.3	+3	SSE	1	0	52	97	5	2500	St	10	-	10	0
Stornoway	1005.4	+5	-	0	0	50	97	7	800	St	10	-	10	0
Wick	1003.7	+5	WNW	1	0	49	97	8	800	St	10	-	10	0
Castlebay	1007.8	+5	W	3	b	53	92	8	2500	StCu	2	-	2	3
Nairn	1005.4	•	-	0	c	49	92	8	1500	Cu Nb	8	-	8	•
Aberdeen	1006.1	+8	SW	1	bc	48	92	6	4000	StCu	6	-	6	0
Malin Head	1008.8	+6	WSW	5	bc	54	97	8	5700	StCu	3	CiCu	4	4
Renfrew	1008.5	+7	W	3	0	52	85	6	2500	StCu	10	-	10	•
Edinburgh (Inchkeith)	1007.1	+7	WSW	4	0+	52	85	7	"	StCu	10	-	10	2
Leuchars	1006.6	+7	SW	2	bc+	48	92	7	5700	StCu	6	-	6	•
Eskdalemuir	1009.7	+6	WSW	4	od	50	85	7	1500	StCu	10	-	10	•
Tynemouth	1008.4	+8	W	2	bc-	52	85	6	-	-	0	ACu	5	1
Blacksod Point ...	1010.9	+2	SW	5	0	55	75	8	"	"	"	"	10	4
Donaghadee	1011.5	+4	W	1	b	51	92	8	800	St	2	-	2	•
Birr Castle	1014.6	•	SW	2	0pr	55	97	6	1500	Nb	9	-	9	•
Holyhead	1014.1	+7	SW'W	4	0	56	97	8	2500	StCu	10	-	10	3
Liverpool (Bidston) ...	1013.0	+6	WSW	5	c	54	85	7	2500	StCu	5	ACu	7	•
Chester (Shotwick) ...	1013.1	+8	W	3	c+	56	75	8	2500	StCu	7	-	0	3
Spurn Head	1011.6	+8	WSW	4	b	53	92	6	-	-	0	-	10	•
Birmingham (Edgbaston)	1015.4	+8	SW	3	0	53	85	8	2500	St	10	-	4	•
Nottingham	1013.5	+9	W	3	bc	53	85	6	2500	Cu	1	Ci	9	•
Cranwell	1013.4	+8	WSW	3	0	52	97	7	2500	StCu	9	-	0	•
Gorleston	1012.8	+4	WSW	3	b	52	85	7	-	-	0	-	10	4
Valencia (Cahirciveen)	1016.6	+4	S	4	0	56	92	7	1500	St	7	AS	10	0
Roches Point	1017.6	+6	SW	1	0	55	97	7	2500	St	10	-	8	7
Pembroke (St. Ann's H.)	1016.8	+3	WSW	6	c	56	92	7	1500	St	8	-	9	•
Ross-on-Wye	1016.0	+6	W'S	3	0	57	85	8	2500	StCu	9	-	10	•
Benson...	1016.8	+6	WSW	2	0	52	97	7	"	St	10			
Andover	1017.5	+7	WSW	4	odg	55	97	7	800	Nb	9	AS	10	•
S. Farnborough ...	1017.2	+6	SW	3	odg	54	97	7	1500	Nb	10	-	10	•
London (Kew Obsy.) ...	1017.3	+7	WSW	3	b+	55	75	7	2500	StCu	2	Ci	3	•
Croydon	1016.8	+6	W'S	3	bc+	55	85	7	2500	StCu	4	-	4	•
Clacton-on-Sea ...	1015.1	+7	WSW	4	bc	54	85	6	4000	Cu	5	-	5	1
Shoeburyness	1016.1	+8	WSW	3	b/pr	55	75	7	-	-	0	Ci	1	•
Grain	1016.3	+7	SW'W	4	b-	54	85	8	-	-	0	AS	2	0
Lympne	1017.0	+5	W'W	3	b	52	85	8	4000	StCu	3	-	3	•
Scilly (St. Mary's) ...	1020.5	+4	W	4	bc	55	97	7	4000	StCu	6	-	6	7
Falmouth (Pendennis)	1020.6	+5	W	2	bc-	56	85	7	4000	StCu	5	-	3	0
Plymouth (Cattewater)	1020.3	+6	W	3	0	57	85	7	4000	StCu	10	-	10	0
Portland Bill	1018.7	+6	W	4	c	58	75	7	2500	StCu	8	-	8	6
Southampton (Calshot)	1018.4	+7	WSW	4	0	58	85	7	4000	StCu	9	-	9	0
Dungeness	1016.9	+7	W	5	b	56	92	8	2500	Cu	7	-	7	4
Jersey	1022.8	+2	W	4	c	58	85	8	4000	StCu	8	-	8	1
Guernsey	1022.1	+5	WNW	4	mc	56	92	7	2500	St	8	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25TH SEPTEMBER.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 24-25th °F.	Temperature. Max. Day. 25th °F.	Rainfall.† Night 17h.-9h. 24-25th mm.	Rainfall.† Day 9h.-17h. 25th mm.	Sunshine. Sunrise to 17h. 25th hr.	Sunshine. Sunrise to Sunset. 24th hr.
Montrose	cmoc	cm	50	56	8	-	2.1	8.2
Berwick-on-Tweed	rbcbc	bcpbd	47	59	3	2	4.5	7.3
Llandudno	cpcb	bcc	50	58	8	0.4	4.5	2.5
Colwyn Bay ...	rcbc	bc	50	60	10	-	3.4	3.3
Rhyl...	bc	bcc	49	59	5	1	4.4	4.0
Southport	rtlrcorc	cbcc	49	58	21	4	2.3	5.7
Blackpool	orc	cq	50	59	9	3	1.5	5.1
Ilkley	Rom	rtlc	42	57	14	8	3.5	5.6
Harrogate	cbcor	rtobco	46	56	11	2	3.9	5.3
Skegness	o	o	52	62	6	-	6.4	7.7
Aberystwyth ...	ror	o	54	56	3	4	-	2.3
Bath	bbc	bccpo	51	61	7	0.5	6.4	5.5
Leamington Spa ...	cbor	o	48	59	8	2	3.5	3.9
Lowestoft	b	bco	53	64	4	-	8.3	8.3
Felixstowe	bcp	bc	54	63	3	-	7.8	8.9
Southend	c	bc	51	64	1	-	7.8	9.2

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 24-25th °F.	Temperature. Max. Day. 25th °F.	Rainfall.† Night 17h.-9h. 24-25th mm.	Rainfall.† Day 9h.-17h. 25th mm.	Sunshine. Sunrise to 17h. 25th hr.	Sunshine. Sunrise to Sunset. 24th hr.
Ilfracombe	opco	op	51	58	5	2	1.0	1.8
Bude	corpo	procq	52	60	3	2	1.6	0.9
Penzance	bcq	bcq	53	62	10	-	0.4	2.0
Paignton	b	bcco	53	62	10	5	6.2	2.3
Torquay	cpc	c	54	63	11	0.5	6.2	7.0
Weymouth								7.3
Bournemouth ...	bc	bbc	52	61	9	0.5	6.6	8.0
Portsmouth (S'thsea)	bb	pbc	54	61	5	1	7.0	8.4
Littlehampton ...	bcp	bcbc	55	61	4	-	6.9	8.5
Worthing	bbcc	cocp	54	62	6	-	7.8	8.5
Brighton	b	bbcou	55	61	5	0.3	7.0	9.0
Eastbourne	bbc	bccpc	55	63	3	0.1	8.6	
Hastings	bc	bcpbcc	53	63	5	0.1	8.6	8.4
Folkestone	bc	bc	54	63	4	-	9.7	8.7
Dover	bbcbq	bbccq	55	62	4	-	8.9	9.3
Tunbridge Wells ...	rcb	opbc	51	63	7	trace	7.5	9.0
Ramsgate	bbr	c	-	-	-	-	7.8	9.2
Margate	b	bbc	53	65	2	-	9.0	8.5
Deal	rabbc	bbbc	53	63	6	-	9.4	9.0

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. No. B. 22589 THURSDAY, 27th SEPTEMBER 1923.

Observations at 1800 G.M.T. 26th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1007.5	+3	S	1	bc	56	85	6	4000	Cu	8	-	8	•
Stornoway	1009.2	+3	-	0	c	68	75	7	4000	Cu	7	-	7	•
Wick	1008.9	+5	WNW	2	c	55	85	8	2500	CuNb	7	-	7	•
Castlebay	1008.4	+3	SSE	3	or$_0$	52	97	6	800	Nb	10	•	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1010.9	+5	WNW	1	c	59	75	7	4000	StCu	3	•	8	1
Malin Head	1012.5	+2	SW	3	o/r	57	92	8	4000	Nb	6	CuSt	10	•
Renfrew	1013.6	+5	WSW	2	o+	57	75	8	1500	St	10	•	10	2
Edinburgh (Inchkeith)	1012.3	+4	WSW	4	bc	57	75	7	*	Cu	3	-	8	•
Leuchars	1011.5	+5	WSW	3	c-	63	65	8	4000	StCu	7	•	7	0
Eskdalemuir	1014.2	+5	WSW	5	o	57	75	7	2500	StCu	10	•	10	1
Tynemouth	1013.7	+7	W	2	bc	60	75	6	4000	Cu	3	ACu	8	•
Blacksod Point	1013.3	+2	S	3	o	58	92	8	*	*	*	•	10	•
Donaghadee	1015.8	+2	SW	3	c	60	85	8	800	St	7	-	7	•
Birr Castle	1017.0	*	SW	2	o	60	85	7	4000	Cu	9	-	9	•
Holyhead	1018.2	+3	SW'W	4	o	58	97	7	4000	St	10	-	10	0
Liverpool (Bidston)	1018.1	+5	WSW	5	ct	60	75	7	4000	St	4	Ci	7	•
Chester (Shotwick)	1018.2	+5	W	3	o	64	65	8	4000	StCu	7	ASt	10	1
Spurn Head	1019.8	+5	W	5	o	59	85	6	2500	St	9	-	9	•
Birmingham (Edgbaston)	1020.0	+4	SW	4	o	61	75	8	4000	StCu	10	-	10	1
Nottingham	1018.2	+4	W	4	o-	63	75	7	2500	StCu	4	Ci	9	•
Cranwell	1018.4	+3	W'S	3	o	60	92	6	2500	StCu	10	-	10	1
Gorleston	1018.7	+4	W	4	b+	64	56	6	5700	Cu	3	-	3	•
Valencia (Cahirciveen)	1017.4	0	SE	5	o-	59	85	7	1500	St	6	ASt	9	1
Roches Point	1019.5	+1	SW	3	o	57	97	7	1500	St	10	-	10	•
Pembroke (St. Ann's H.)	1021.7	+4	SW	5	c	57	92	7	1500	St	8	-	8	•
Ross-on-Wye	1020.5	+4	WSW	3	o	60	75	7	4000	Cu	1	ASt	10	0
Benson	1021.0	+5	WSW	3	o	64	75	7	-	Cu	3	ASt	10	1
Andover	1021.7	+4	W'S	4	o	62	75	8	2500	StCu	7	ASt	10	0
S. Farnborough	1021.0	+3	W'N	4	o	66	75	7	1500	StCu	7	ASt	9	1
London (Kew Obsy.)	1021.4	+4	W'S	3	o	63	65	8	4000	StCu	10	-	10	1
Croydon	1021.1	+3	W	2	o	63	75	7	2500	StCu	9	-	9	1
Cleton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1019.9	+4	WNW	2	c+	65	75	8	4000	StCu	8	-	8	*
Grain	1020.7	+4	W'S	5	o+	65	65	6	2500	StCu	9	-	9	0
Lympne	1020.7	+3	WNW	4	o	65	65	7	2500	StCu	10	-	10	1
Scilly (St. Mary's)	1022.8	+2	SSW	3	c	61	97	7	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1023.4	+3	WSW	4	bc+	61	75	8	5700	StCu	6	-	6	•
Plymouth (Cattewater)	1023.6	+2	WSW	3	o	60	85	7	4000	St	8	ACu	9	0
Portland Bill	1022.1	+6	W	4	c	60	75	7	-	-	0	ASt	8	•
Southampton (Calshot)	1023.7	+4	WSW	4	o+	63	75	8	4000	StCu	9	-	9	0
Dungeness	1020.7	+3	W	4	o+	62	85	8	2500	St	9	-	9	•
Jersey	1025.5	+1	SW	4	c	61	75	8	-	-	0	ACu	8	•
Guernsey	1024.8	0	W	3	bc	59	92	8	5700	Cu	2	Ci	5	*

Observations at 1800 G.M.T. 26th

STATIONS.	Barom. at M.S.L. m.b	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.
Lerwick	1003.6	+3	SW	1	od$_0$	52	92	6	800	St	10	-	10	0
Stornoway	1010.0	+1	SW	1	od$_0$	52	97	7	450	St	10	-	10	0
Wick	1011.7	+2	WNW	1	o+	53	85	8	-	-	0	ASt	3	0
Castlebay	1012.4	+1	SW	4	or$_0$	55	97	7	800	Nb	10	-	10	4
Nairn	1012.8	*	W	1	c-	55	85	8	1500	StCu	7	-	7	•
Aberdeen	1014.2	+4	-	0	fo+	55	92	3	4000	StCu	10	-	10	0
Malin Head	1013.6	0	SW	4	o	58	92	8	5700	StCu	7	CuCu	9	1
Renfrew	1016.0	+3	WSW	3	od$_0$	57	85	5	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	1015.7	+4	SW	4	o	56	85	7	-	St	6	CuSt	10	2
Leuchars	1014.4	+3	WSW	2	o	56	85	7	4000	StCu	10	-	10	•
Eskdalemuir	1017.2	+3	SW'W	4	or	55	92	6	1500	Nb	10	-	10	•
Tynemouth	1017.5	+5	W	1	o+	59	85	6	800	St	10	-	10	1
Blacksod Point	1014.1	0	SE	2	o	58	92	8	*	*	*	*	10	6
Donaghadee	1017.1	+3	SW	3	obr$_0$	58	92	8	800	St	9	-	9	2
Birr Castle	1018.2	*	S	1	o+	58	88	6	1500	StCu	10	-	10	•
Holyhead	1020.1	+2	SSW	4	bc+	56	97	7	7500	StCu	6	-	6	4
Liverpool (Bidston)	1020.5	+2	SW'W	4	bc-	57	85	7	2500	Cu	3	ACu	4	5
Chester (Shotwick)	1020.7	+3	W	4	o	59	75	8	2500	St	5	ACu	9	•
Spurn Head	1021.0	+4	WNW	2	mno	57	92	5	1500	St	9	-	9	1
Birmingham (Edgbaston)	1021.9	+3	SSW	3	c	58	85	8	4000	StCu	2	ASt	8	•
Nottingham	1021.7	+4	W	3	o	59	85	6	2500	Nb	10	-	10	•
Cranwell	1021.5	+4	W'S	3	o	58	92	7	4000	St	10	-	10	•
Gorleston	1021.1	+2	WSW	1	o+	61	85	6	-	-	0	ASt	10	1
Valencia (Cahirciveen)	1018.3	0	SSW	5	c-	57	85	7	1500	St	5	ACu	7	4
Roches Point	1020.6	+1	SW	2	o	55	97	8	2500	StCu	10	-	10	3
Pembroke (St. Ann's H.)	1023.0	+2	SW	4	c-	57	92	8	1500	St	5	ACu	8	5
Ross-on-Wye	1023.2	+3	WSW	3	o	57	75	8	4000	Cu	1	ASt	9	•
Benson	1023.0	+2	W	1	o	58	85	7	-	-	0	ASt	9	•
Andover	1023.6	+2	SSW	1	o-	59	85	7	2500	StCu	6	ASt	9	•
S. Farnborough	1023.9	+2	SW'W	1	o	60	92	7	2500	St	5	ASt	10	•
London (Kew Obsy.)	1023.9	+2	SW	1	o	60	85	6	5700	St	9	-	9	•
Croydon	1023.6	+2	SW'W	1	o	59	85	6	2500	St	5	ASt	10	•
Cleton-on-Sea	1022.8	+3	WSW	3	o+	61	85	6	-	-	0	ASt	10	0
Shoeburyness	1023.5	+4	SW	1	mo+	61	75	5	2500	St	5	ASt	10	•
Grain	1023.8	+3	WSW	3	o	60	85	7	-	-	0	ASt	10	0
Lympne	1023.8	+4	W	3	o	58	92	6	-	-	0	ASt	10	•
Scilly (St. Mary's)	1023.4	+1	S	3	b-	57	97	8	4000	StCu	3	CuCu	3	3
Falmouth (Pendennis)	1024.4	+1	SW	3	c-	57	85	7	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1025.1	+2	WSW	3	o+	56	97	7	800	St	9	ACu	10	0
Portland Bill	1024.0	+2	WSW	4	c	58	85	7	-	-	0	ACu	8	5
Southampton (Calshot)	1025.0	+3	SSW	4	o	58	92	6	-	-	0	ASt	10	0
Dungeness	1023.5	+3	W	3	c-	59	97	7	-	-	0	CuSt	8	4
Jersey	1025.7	0	WSW	3	o	60	75	8	4000	StCu	4	ACu	10	4
Guernsey	1025.5	0	W	3	o	57	85	8	-	-	0	CuCu	9	0

LONDON OBSERVATIONS.

	Height above M.S.L. in Feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 27th								YESTERDAY.		TO-DAY.
Kew	18	bco	ocm	omwbW	*	*	34	Tr	Tr	2.0	*	*
Croydon } 24 hours ended 0700	244	bcd$_0$	om	omwbc	*	*	44	Tr	0.1	1.0	*	*
Greenwich (Royal Obsy.)	149	0	0	owbwc	66	48	35	-	-	1.5	64	83
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.2	*	*
Westminster (St. James' Pk.)	27	*	*	*	64	49	44	-	-	0.4	64	80
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	0.1	*	*
Camden Square	110	co	0	*	64	50	43	-	-	*	*	89
Kensington Palace	80	0	cg	*	64	49	41	-	-	*	81 At 18h	87
Hampstead Observatory	450	*	*	*	62	49	41	-	Tr	0.5	*	94

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington	0.3	1900 25	<0.3	0-4 26th
	0.6	0400 26		
Kew Observatory	0.3	1900 25	<0.3	2400 25th
	0.4	0800 26		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 19 h. 0 m. to 27th 05 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. c/o
Polaris	10 0	8 0	81
δ Ursae Minoris	10 0	4 57	80

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 = Riming 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 (too on roads from frozen rain or melted sleet).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strell.	Direc.
18h.	CC$_2$	6	-	140°
18h.	CC$_2$	6	-	165°
18h.	CC$_2$	2	-	180°
19h.	CC$_2$	6	-	115°

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

26th-28th SEPT., 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.48	11.44	5.40
	5.49	11.44	5.38
Greenwich	5.55	11.51	5.47
	5.56	11.51	5.45
Wick	6.3	12.3	5.57
	6.11	12.3	5.54
Valencia	6.36	12.32	6.28
	6.37	12.32	6.26

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
o generally cloudy (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense.; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r$_0$ = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-39
8	40-47
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

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

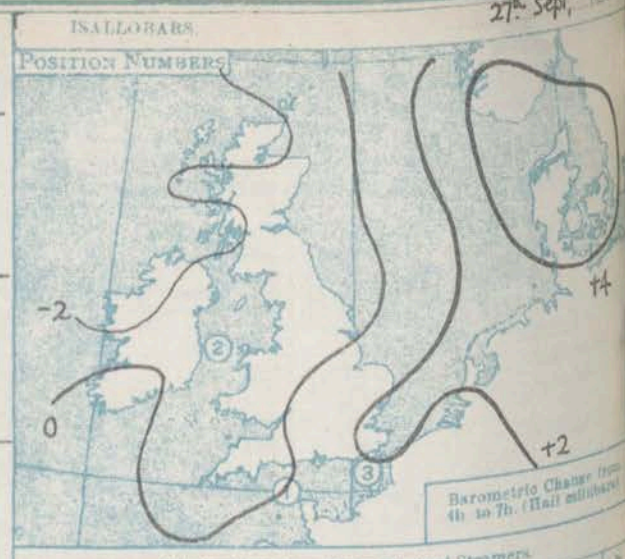
* For explanation see Introduction. * Information on these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 26th	13h.-18h. 26th	18h. 26th to 1h. 27th	1h.-7h. 27th	TEMPERATURE. MAX. Day. 7h.-13h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 26th Hours.
Lerwick	bc	omd	omd	omr	54	49	•	0.2	2	1630	<2100	3.9
Stornoway	c	c	rd	p	59	52	•	0.2	2	-	<2100	2.1
Wick	c	c	oo	dqp	56	53	•	-	Trace	-	0630	•
Castlebay	bc	r	r.o	bpd	55	54	•	0.5	0.5	1230	-	2.4
Nairn	cqbc	bccq	cdq	cq	60	54	•	-	0.2	-	-	1.1
Aberdeen	omc	ocom	ofm	com	59	53	46	-	-	-	-	0.4
Malin Head	bcid	cov	cov	coir	58	54	•	1	2	0900	0330	0.3
Renfrew	obco	od.o	omd	or.r	60	54	52	trace	0.4	1430	0430	1.6
Edinburgh (Inchkeith)	c	o	cp	oo	54	55	53	-	Trace	-	-	2.5
Leuchars	bcoc	co	oo	oo	63	53	45	-	-	-	-	4.1
Eskdalemuir	op.o	oomdr	ordro	omo	57	51	50	0.5	1	<0800	<2100	1.9
Tynemouth	cm	cm	om	cm	60	53	49	-	-	-	-	•
Blacksod Point ...	oo	o	r.d	r.d	60	53	•	0.2	14	-	*	•
Donaghadee	o	op	o	omd	61	54	•	0.2	1	1730	0330	•
Birr Castle	copr	co	cpre	cpre	61	54	49	0.1	3	<0800	-	0.0
Holyhead	ooco	ochc	cobec	oo	60	53	53	-	-	-	-	2.2
Liverpool (Bidston) ...	acbc	c	bcc		62	52	44	-	-	-	-	3.0
Chester (Shotwick) ...	coo	oo	ocbc	bcc	65	51	46	-	-	-	-	2.1
Spurn Head	c	o	ocbco	bbc	60	50	•	-	-	-	-	4.9
Birmingham (Edgbaston)	oo	co	obc	bcom	63	45	45	-	-	-	-	0.5
Nottingham	c	c	oc	oo	65	48	41	-	-	-	-	2.4
Cranwell	obcco	o	c	fm	62	46	38	trace	-	1630	-	3.6
Gorleston	bqbcq	bccoz	bc	bcc	64	50	45	-	-	-	-	4.3
Valencia (Cahirciveen)	o	oc	or	orp	59	56	54	-	5	-	2200	0.0
Roches Point	o	o	o	ohc	64	54	•	-	Trace	-	-	•
Pembroke (St. Ann's H.)	oo	o	c	c	58	55	•	-	-	-	-	0.1
Ross-on-Wye	obcco	o	ocbcwb	bwco	63	50	41	-	Trace	-	-	1.2
Benson	o	o	ocbc	bcom	65	45	34	-	Trace	-	-	•
Andover	odp	oo	~~oo.o~~ ~~oqffw~~	~~oaffw~~ ~~oed~~	64	46	40	trace	-	<0800	-	1.3
S. Farnborough ...	c.oco	o	obc	bxcbw	67	46	38	-	-	-	-	2.1
London (Kew Obsy.) ...	bco	oom	omw	opmw	64	49	37	trace	Trace	-	-	2.0
Croydon	bcdp	om	omw	obmwc	64	48	44	trace	0.1	<0800	-	0.9
Clacton-on-Sea ...	bcc	coq	ogcm	cmof	64	51	49	-	-	-	-	5.1
Shoeburyness	bbcc	com	ombm	bm	66	46	41	-	Trace	-	-	2.2
Grain	bompo	ozbo	obmm	bmw	64	44	41	trace	0.1	0900	-	2.8
Lympne	oo	om	ocbf	bbcfw	65	48	35	0.2	0.1	0900	-	2.3
Scilly (St. Mary's) ...	c	cbc	bc	bc	61	54	•	-	-	-	-	2.5
Falmouth (Pendennis)	bcc	cbcc	cobcc	co	62	53	•	-	-	-	-	3.4
Plymouth (Cattewater)	obco	oco	oo	oo	[illegible]	54	41	-	-	-	-	3.4
Portland Bill	c	c	bbc	bbc	61	50	•	-	-	-	-	•
Southampton (Calshot)	oo	o	c	c	64	50	43	-	-	-	-	2.4
Dungeness	c	o	c	bbc	66	50	•	-	-	-	-	•
Jersey	cbcc	coco	ozc	ombm	63	48	•	-	-	-	-	3.8
Guernsey	c	bcc	cbch	rd	60	55	•	-	-	-	-	•

27th Sept. 1923



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Attitude
3	26th 0300	Dieppe	WSW	8	co	56	59	4
2	" 1005	Anglia	W'N	4	o	50	55	4
1	" 1300	Rainbelle	WSW	4	co	60	59	4
3	24th 0300	Brighton	WNW	3	bjfu	58	59	

GENERAL INFERENCE.

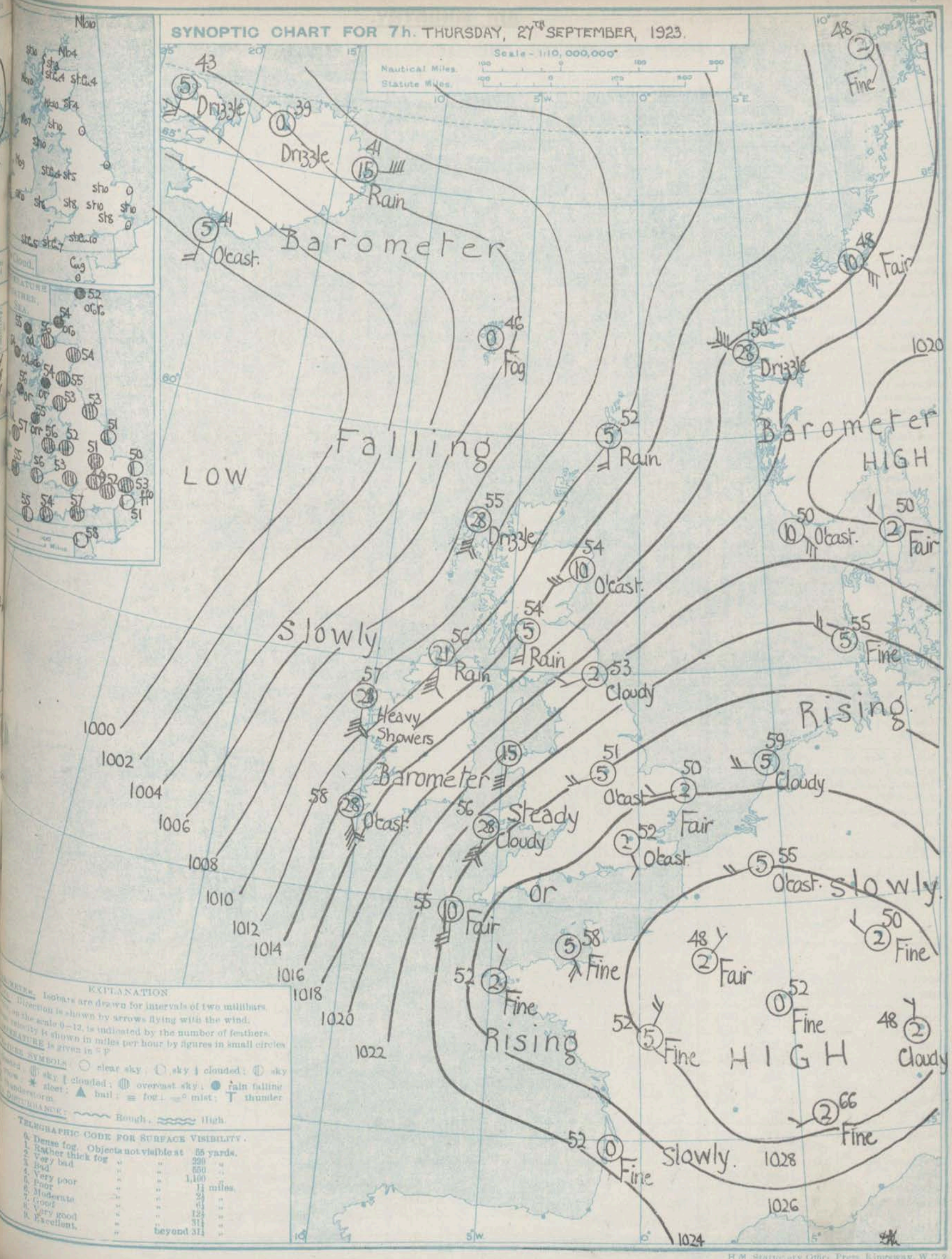
The large depression to the south of Iceland will probably move slowly northeast or north, and the large anticyclone over the Continent will tend to spread westwards. The weather will be fair generally except in the North and West of Scotland with southerly winds, strong to a gale at first on our extreme NW. Coasts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 27th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands. 4. W. Midlands 5. S.W. England	Wind southerly, light to moderate; fair; mist locally; rather warm.	Mainly fair over England and Eastern Scotland
6. South Wales 7. North Wales 8. N.W. England	Moderate to fresh southerly winds; fair; visibility moderate; rather warm.	▼ South Cone hoisted at 0830 G.M.T. today.
9. N. Midlands 10. N.E. England 11. E. Scotland	As 0 - 5.	
12. S.W. Scotland 13. Isle of Man	As 6 - 8.	
14. N.& N.W. Scotland 15. Hebrides ▼ 16. Orkneys and Shetlands	Wind SW. to S., fresh to strong, a gale locally at first; dull, rainy at first, improving; visibility moderate; rather warm.	
17. N.W. Ireland ▼	As 6 - 8.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh to strong southerly winds; cloudy, occasional rain or drizzle; visibility moderate; rather warm.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0925 GMT.

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY, 27th SEPTEMBER 1923. No. 279.

Observations at 0100 G.M.T. 27th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1011.6	+2	SW	1	ode	50	94	5	4000	St	10	-	10
Stornoway	51	1011.6	0	SW	3	r	•	•	5	•	•	•	•	•
Wick	81	1012.4	0	SSW	2	0	54	92	8	-	-	0	Ci St	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1013.4	-1	S	5	c⊕	56	92	8	-	-	0	Ci St	8
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1014.4	0	SW	3	4r	55	85	8	•	St Cu	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1019.8	+1	WSW	1	c⊕	55	92	6	800	St	8	-	8
Blacksod Point ...	10	1012.3	-1	SE	6	0PR	56	94	5		Nb	10	-	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1021.5	0	SSW	4	0'	56	94	4	2500	St Cu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1025.2	+2	SW	3	0+	53	94	5	-	-	0	Ci St	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1025.9	+2	SW'W	3	c	52	94	6	4000	St Cu	4	A Cu	8
Gorleston	13	1024.4	+1	SW'W	1	bc	55	92	6	-	-	0	A St	6
Valencia (Cahirciveen)	30	1016.5	-3	SW	3	0R-	55	94	8	•	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1023.5	0	SW	4	c	56	92	8	4000	St Cu	8	-	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	188	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	53	•	•	•	•	•	•	•
Croydon	244	1026.8	+2	SW	2	0	52	94	5	-	-	0	A Cu	9
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1026.9	+2	WSW	1	ffb	52	94	3	-	-	0	-	0
Scilly (St. Mary's) ...	131	1025.2	0	S	3	b	55	94	4	4000	St Cu	2	-	2
Falmouth (Pendennis)	200	1025.5	+1	SW	3	c	55	92	4	2500	St Cu	4	-	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1026.0	+2	W	3	b-	54	83	4	-	-	0	-	0
Southampton (Ca. shot)	12	1024.0	+1	SW	2	bc	54	94	8	-	-	0	Ci St	4
Dungeness	21	1026.5	+3	WNW	2	bc	54	94	8	-	-	0	Ci Cu	4
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1024.3	+2	W'S	1	b-	56	85	8	-	-	0	A Cu	3

Observations at 0700 G.M.T. 27th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-6	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form	Total Amt. 0-10	Sun. 0-6
Lerwick	1011.9	0	S	2	or,r	52	94	5	2500	Nb	10	-	10	1
Stornoway	1008.4	-2	SSW	6	od	55	92	6	1450	St	10	-	10	0
Wick	1011.4	-2	S	3	or	54	92	8	2500	Nb	4	Ci St	10	0
Castlebay	1009.4	-1	S	4	od,d	54	94	6	800	Nb	10	-	4	•
Nairn	1011.8	•	-	0	c	56	85	8	1500	St Cu	4	A St	10	0
Aberdeen	1015.6	-1	SSW	3	0	54	92	6	4000	St Cu	4		10	1
Malin Head	1010.6	-2	S	5	or	56	94	8	4000	Nb	4	A St	10	•
Renfrew	1015.4	-2	S	2	orr	54	92	6	1500	Nb	10	-	10	1
Edinburgh (Inchkeith)	1016.8	-3	SW	3	0	55	85	8	•	St	4	A St	10	•
Leuchars	1016.0	-1	SW	2	0	54	86	4	4000	St	4	A St	10	•
Eskdalemuir	1017.8	-1	SW'W	6	0	55	92	6	1500	St	10	-	8	0
Tynemouth	1020.0	0	SW	1	c	53	92	6	-	-	0	A Cu		
Blacksod Point ...	1010.1	-2	S	6	PR+	54	92	4	•	•	•	•	10	0
Donaghadee	1016.2	-1	SW	4	0rr	55	92	4	2500	St	10	-	10	•
Birr Castle	1016.8	•	SE	3	0-	54	92	6	2500	Nb	9	-	9	•
Holyhead	1020.3	0	S	4	0	56	94	4	1500	St Cu	4	Ci Cu	10	•
Liverpool (Bidston) ...	1021.6	0	SSE	2	c	52	85	6	2000	St	5	A St	4	0
Chester (Shotwick) ...	1022.3	-1	SSE	3	0+	52	92	4	3500	St Cu	3	Ci	10	•
Spurn Head	1023.4	0	SW	3	bc	51	94	4	-	-	0	Ci	6	1
Birmingham (Edgbaston)	1025.0	0	S	3	0	50	94	6	2500	St	10	-	10	•
Nottingham	1024.1	0	WSW	2	0	51	94	6	2500	St	10	-	10	•
Cranwell	1024.6	+1	SW'S	2	c	50	94	6	4000	St Cu	5	Ci	8	•
Gorleston	1025.3	+1	SW'SW	1	bc+	50	92	6	-	-	0	A St	6	0
Valencia (Cahirciveen)	1015.6	0	SE	6	o/r	58	92	6	4450	St	10	-	10	4
Roches Point	1019.6	0	SW	3	0	55	94	5	1450	St	10	-	10	3
Pembroke (St. Ann's H.)	1021.9	-1	SSW	5	c	56	92	4	2500	St	6	Ci St	8	4
Ross-on-Wye	1024.8	0	SW'S	2	0	53	85	4	2000	St	8	Ci	10	•
Benson...	1026.0	+1	SSW	1	mo-	49	94	5	•	St	10	-		
Andover	1026.3	0	S	1	fo-	49	94	2	1450	St	10	-	10	•
S. Farnborough ...	1026.4	+1	S	2	mmc	50	94	4	•	St	1	A Cu	8	•
London (Kew Obsy.) ...	1026.5	+1	SE	1	0	52	92	6	2500	St	8	A St	10	•
Croydon	1026.8	+1	SSW	2	c+	51	94	6	4450	St	2	Ci St	8	•
Clacton-on-Sea ...	1026.6	+2	W	1	FFO	53	94	1	1450	St	10	-	10	0
Shoeburyness	1026.5	+2	W'S	2	mb-	53	85	4	-	-	0	A St	2	•
Grain	1027.0	+2	SW	2	mmb	51	94	4	-	-	0	Ci	2	0
Lympne	1027.0	+1	W	2	bc	52	94	6	-	-	0	Ci	6	•
Scilly (St. Mary's) ...	1024.2	-1	S	3	bc+	55	94	4	4000	St Cu	3	-	5	4
Falmouth (Pendennis)	1026.0	0	SW'W	2	c	54	92	8	4000	St Cu	4	-	4	0
Plymouth (Cattewater)	1025.5	0	SSW	3	0-	53	94	4	800	St Cu	6	A Cu	10	4
Portland Bill	1026.0	0	W	3	0+	54	86	4	2500	St Cu	10	-	8	0
Southampton (Ca. shot)	1027.1	0	-	0	0	54	94	6	1500	St Cu	9	-	3	3
Dungeness	1027.6	+2	-	0	0+	51	94	6	-	-	0	Ci Cu	1	0
Jersey	1026.2	0	SE	2	0	58	85	8	-	-	0	Ci	9	2
Guernsey	1026.8	0	SSE	4	0-	56	92	8	4000	Cu	9	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th SEPTEMBER

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 25-26 °F.	Temperature. Max. Day 26 °F.	Rainfall.† Night 17h.-9h. 25-26 mm.	Rainfall.† Day 9h.-17h. 26 mm.	Sunshine. Sunrise to 17h. 26 hr.	Sunshine. Sunrise to Sunset. 25 hr.
Montrose	ocbc	beco	47	63	-	-	4.3	2.1
Berwick-on-Tweed	rbcpr	cbcoz	48	61	1	0.1	3.0	4.5
Llandudno	oc	cocb	53	62	-	-	2.7	4.3
Colwyn Bay ...	bc	bc	53	65	2	-	4.6	3.5
Rhyl	bc	bc	53	65	-	-	5.2	4.8
Southport	ocbc	bcebc	53	61	-	-	1.4	2.3
Blackpool	co	pc	54	61	0.2	0.2	2.0	1.6
Ilkley	c	c	51	60	2	1	2.2	3.5
Harrogate	c	c	50	60	1	-	3.4	3.9
Skegness	o	o	49	63	2	-	5.0	6.4
Aberystwyth ...	roc	b	54	59	1	-	1.5	0.0
Bath	o	oc	52	63	5	-	0.4	6.4
Leamington Spa ...	cb	cb	49	63	1	-	1.3	3.5
Lowestoft	b	bco	51	65	0.4	-	7.1	8.3
Felixstowe	b	co	52	66	-	-	5.6	7.8
Southend	o	oco	51	66	-	-	2.1	7.8

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 25-26 °F.	Temperature. Max. Day 26 °F.	Rainfall.† Night 17h.-9h. 25-26 mm.	Rainfall.† Day 9h.-17h. 26 mm.	Sunshine. Sunrise to 17h. 26 hr.	Sunshine. Sunrise to Sunset. 25 hr.
Ilfracombe	cbbc	c	55	61	1	-	2.9	1.0
Bude	ocbc	bebec	54	62	-	-	2.3	1.6
Paignton	bcq	bcc	55	65	trace	-	4.3	6.4
Torquay	b	b	55	65	0.2	-	5.5	6.2
Weymouth	bbc	bcc	56	67	-	-	5.3	6.2
Bournemouth ...	bc	bc	54	64	-	-	2.9	6.6
Portsmouth (S'thsea)	bc	b	56	65	0.4	-	4.0	7.0
Littlehampton ...	bcpbc	bcow	55	65	1	-	6.0	6.9
Worthing	bc	bcco	55	66	2	-	4.5	7.8
Brighton	c	c	56	63	1	-	3	7.0
Eastbourne	bbc	bcco	55	64	1	-	6.0	8.6
Hastings	ocbcb	bcco	54	65	0.2	-	2.7	8.6
Folkestone	o	o	53	64	-	-	2.1	9.7
Dover	cdbec	cbcoz	54	67	-	-	5.0	8.9
Tunbridge Wells ...	ocbc	bcc	51	66	-	-	2.9	7.5
Ramsgate	bbc	bc	52	?	-	-	4.1	7.8
Margate	bbco	co	53	64	-	-	4.8	9.0
Deal	obc	beo	53	66	-	-	4.9	5.4

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22590 FRIDAY, 28th SEPTEMBER 1923.

Observations at 1300 G.M.T. 27th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. m.b	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	1010·6	-1	SSE	2	od₀	53	92	5	2500	Nb	10	-	10	•
Stornoway	1007·1	-2	SW	2	o6r₀	54	97	6	450	St	10	-	10	•
Wick	1008·7	-3	S	3	o6r₀	53	97	6	800	St	10	-	10	•
Castlebay	1008·0	-2	-	0	o/r	54	97	6	800	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1012·4	-4	S	4	orr	54	92	6	800	Nb	10	-	10	2
Malin Head	1008·7	-2	SW	6	or-	60	97	7	4000	Nb	9	ASt	10	•
Renfrew	1012·2	-4	SSW	5	orr	58	92	6	450	Nb	10	-	10	2
Edinburgh (Inchkeith)	1012·3	-6	SSW	5	o6r₀	58	85	8	*	Nb	10	-	10	•
Leuchars	1012·4	-5	SW	3	orr	57	92	6	2500	Nb	10	-	10	2
Eskdalemuir	1015·8	-2	SSW	6	oRR	54	97	5	800	Nb	10	-	10	2
Tynemouth	1017·5	-2	WSW	4	od₀	60	76	6	1500	Nb	10	-	10	•
Blacksod Point	1009·5	+0	S	6	oPR-	59	92	7	*	*	*	*	10	•
Donaghadee	1015·1	-1	SW	4	c-	59	92	8	450	St	7	-	7	•
Birr Castle	1016·6	*	S	2	c-	63	85	8	4000	StCu	8	-	8	•
Holyhead	1020·3	-0	SW	4	0	58	97	7	800	St	10	-	10	1
Liverpool (Bidston)	1021·2	-2	S	2	op6₀	59	75	7	2500	St	10	-	10	•
Chester (Shotwick)	1021·5	-2	SSE	3	o6₀	60	73	8	1500	Nb	8	ASt	10	1
Spurn Head	1023·0	-1	SW	4	0	60	85	6	-	-	0	ASt	10	•
Birmingham (Edgbaston)	1024·2	-2	S	4	c+	60	75	8	4000	StCu	5	Ci	8	1
Nottingham	1023·2	-1	SW	5	0	61	75	7	2500	Cu	3	CiSt	9	•
Cranwell	1023·6	-1	SW'S	4	0	59	85	7	2500	StCu	4	ASt	10	0
Gorleston	1025·1	0	WSW	3	0+	62	65	6	-	-	0	ASt	9	•
Valencia (Cahirciveen)	1016·0	0	S'E	6	od₀	59	92	6	800	St	10	-	10	2
Roches Point	1019·5	0	S.W.	3	0	66	97	7	800	St	10	-	10.	•
Pembroke (St. Ann's H.)	1023·7	0	SW	5	bc	56	85	7	-	-	0	CiSt	6	0
Ross-on-Wye	1024·0	-1	SW'S	3	o⊕	60	75	8	4000	Cu	4	CiSt	9	0
Benson	1025·0	-2	SSW	4	c-	64	65	8	*	Cu	4	Ci	7	0
Andover	1025·8	-0	SSW	4	c-	63	75	8	4000	Cu	7	CiCu	8	0
S. Farnborough	1025·9	-2	SSW	3	c-	67	65	7	4000	Cu	6	CiSt	7	0
London (Kew Obsy.)	1026·0	-2	SSW	3	c+	64	65	8	2500	StCu	4	ASt	7	1
Croydon	1025·9	-2	SW'S	3	o-	65	65	8	2500	Cu	5	CiSt	9	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1026·3	-2	SW	2	bc/f	65	65	8	5700	Cu	3	ASt	5	4
Grain	1026·1	-2	SW	4	o	65	65	8	2500	StCu	8	ACu	9	0
Lympne	1026·9	-1	SW	3	o⊕	62	75	8	2500	Cu	3	CiSt	10	0
Scilly (St. Mary's)	1024·5	0	S	3	o+	59	97	7	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1026·4	-1	SW	4	o+	56	92	7	2500	St	9	-	9	•
Plymouth (Cattewater)	1025·9	-1	S	2	c	59	92	8	2500	StCu	1	Ci	8	0
Portland Bill	1026·0	0	W	2	bc-	64	65	7	-	-	0	Ci	5	•
Southampton (Calshot)	1026·7	-2	SSW	3	bc	67	75	8	-	-	0	Ci	5	0
Dungeness	1027·1	0	SSW	3	o	63	75	6	-	-	0	CiCu	9	•
Jersey	1026·0	0	S	2	b	63	75	8	-	-	0	Ci	2	•
Guernsey	1026·4	-1	SSW	2	c+	62	85	8	4000	Cu	1	Ci	8	•

Observations at 1900 G.M.T. 27th

STATIONS.	Barom. at M.S.L. m.b	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. 0-9
Lerwick	1008·2	-3	SW	1	odd	53	97	5	2500	Nb	10	-	10	0
Stornoway	1007·6	+1	-	0	o6r₀	50	97	6	450	St	10	-	10	0
Wick	1006·6	-2	SSW	2	o	53	97	8	1500	St	6	Ci	9	0
Castlebay	1008·0	0	E	2	op6₀	54	97	6	800	Nb	10	-	10	2
Nairn	1007·1	*	-	0	c	59	92	8	1500	St	8	-	8	•
Aberdeen	1010·2	-2	SSW	2	c	57	92	6	800	St	6	Ci	7	0
Malin Head	1008·4	0	SW	5	or	61	97	7	4000	Nb	8	ASt	10	3
Renfrew	1012·2	0	SW	3	odd	59	92	6	450	Nb	10	-	10	
Edinburgh (Inchkeith)	1011·0	+1	SW	5	c/r	58	92	8	*	St	3	ASt	8	3
Leuchars	1010·2	-1	SW	3	o/r	60	85	7	450	St	10	-	10	•
Eskdalemuir	1015·2	0	SW	6	orr	54	97	4	450	Nb	10	-	10	•
Tynemouth	1016·2	-1	W	4	c	60	75	6	1500	Nb	8	-	8	1
Blacksod Point	1009·2	-1	S	8	oPR-	58	97	7	-	-	-	-	10	8
Donaghadee	1014·2	0	S	3	o+	60	85	8	450	St	10	-	10	4
Birr Castle	1015·5	*	S	4	op₀	60	92	7	1500	Nb	9	-	9	•
Holyhead	1019·6	-1	S	4	o	57	92	7	1500	St	9	-	9	4
Liverpool (Bidston)	1020·1	0	S'E	3	bc	59	75	8	2500	St	6	-	6	3
Chester (Shotwick)	1020·7	0	S	3	o	59	75	8	4000	StCu	9	-	9	•
Spurn Head	1022·6	0	SSW	3	o	57	92	6	5700	StCu	10	-	10	2
Birmingham (Edgbaston)	1023·3	-1	SSE	3	c	57	85	6	4000	St	4	Ci	7	•
Nottingham	1022·6	-1	SW	3	o	58	85	7	1500	StCu	9	-	9	•
Cranwell	1022·9	-1	SW'S	3	o	57	92	7	7200	StCu	2	ACu	9	•
Gorleston	1024·3	-1	S'W	2	o+	59	85	6	-	-	0	ASt	10	0
Valencia (Cahirciveen)	1015·9	0	S'E	6	o	59	97	6	450	St	10	-	10	6
Roches Point	1019·5	0	S.W.	4	o	55	97	6	800	St	10	-	10	6
Pembroke (St. Ann's H.)	1023·1	0	SSW	5	o	57	92	7	1500	St	10	-	10	4
Ross-on-Wye	1023·3	-1	S'W	3	c	58	75	8	-	-	0	ACu	8	•
Benson	1024·3	0	SW	3	o	59	85	8	*	St	10	-	10	•
Andover	1025·0	0	SW	2	c-	57	85	8	5700	StCu	6	ACu	8	•
S. Farnborough	1025·3	0	SW'S	3	o	59	85	7	2500	St	5	ASt	9	•
London (Kew Obsy.)	1025·5	+1	SSW	2	o	61	75	7	-	-	0	ASt	10	•
Croydon	1025·3	0	SSW	2	o	59	85	6	-	-	0	ASt	10	•
Clacton-on-Sea	1024·9	-1	SSW	3	o+	60	85	6	-	-	0	ASt	10	0
Shoeburyness	1025·3	0	SSW	3	o+	61	75	7	4000	St	6	ASt	10	
Grain	1025·5	-1	SW'S	3	o	61	85	7	5700	StC	3	ASt	10	0
Lympne	1025·7	0	SW	2	o	56	92	6	-	-	0	ASt	10	•
Scilly (St. Mary's)	1024·9	0	S	3	bc-	57	97	7	4000	StCu	3	CiSt	5	2
Falmouth (Pendennis)	1026·4	0	WSW	1	bc-	56	92	7	2500	St	4	-	4	0
Plymouth (Cattewater)	1025·9	0	WSW	1	o+	55	97	7	800	St	9	ACu	10	0
Portland Bill	1026·0	-2	W	3	bc	58	85	7	-	-	0	CiCu	5	4
Southampton (Calshot)	1026·1	0	SSW	3	o+	59	92	7	1500	St	4	Ci	9	0
Dungeness	1026·3	-1	SSW	2	o+	60	92	6	2500	St	4	CiCu	9	3
Jersey	1026·0	0	S	2	b	63	75	8	-	-	0	ACu	3	0
Guernsey	1026·3	-1	W'S	1	bc	58	85	3	-	-	0	Ci	+	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on grass. °F.	Rainfall. mm. Day	Rainfall. mm. Night	Sunshine to 1900 G.M.T. hrs.	Humidity. Mn. G.M.T. %	Humidity. Gn. G.M.T. %
		24 HOURS ENDED 1900 G.M.T. 28th								YESTERDAY.	TO-DAY.	
Kew } Croydon } 24 hours ended 0700	18	omwbc	c o o	ocbcw	*	*	40	-	Tr	4·7	*	*
Greenwich (Royal Obsy.)	148	c m o	o c o m	o m w c	*	*	45	-	Tr	5·3	*	*
City (Bunhill Row)	149	c	o	c b c b	68	51	41	-	-	3·5	63	68
Westminster (St. James' Pk.)	30	*	*	*	*	*	*	*	*	1·8	*	*
Regent's Pk. (Botanic Gdns.)	27	*	*	*	67	51	47	-	-	3·0	59	67
Camden Square	—	*	*	*	*	*	*	*	*	3·8	*	*
Kensington Palace	110	c	c o	*	68	51	46	-	-	*	*	75
Hampstead Observatory	80	b c c	b c o	*	68	51	45	-	-	*	At 18h. 77	71
	450	*	*	*	65	49	38	-	Tr	3·4		80

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1900 G.M.T. 27th

South Kensington

Max.	Time.	Min.	Time.
1·0	26th 2000	0·3	27th 0400
0·6	27th 0700		

Kew Observatory

Max.	Time.	Min.	Time.
0·6	26th 2000	<0·3	27th 0400
0·4	27th 0800		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 19h. 0m. to 28th 5h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10 0	08·05	81
δ Ursae Minoris	10 0	07·52	80

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 = Sleeting to-day in 1300 and 1900 reports (Hour frost in 0100 and 0700 reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Strength.	Direc.
12h.	C	6	-	75°
18h.	C			28
24h.	C2	6	-	35
07h.	C2	7	-	55

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

28th to 30th Sept., 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·40 / 5·41	11·44 / 11·43	5·38 / 5·35
Greenwich	5·36 / 5·38	11·51 / 11·50	5·45 / 5·42
Wick	6·11 / 6·14	12·3 / 12·2	5·54 / 5·50
Valencia	6·34 / 6·39	12·32 / 12·31	6·26 / 6·23

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
p precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hour frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.
< = less than (for cloud height), before (for precipitation).
⊕ = solar halo. ⊖ = lunar halo.
When present weather is combined, whenever possible, the general character of the weather.
A "sailing" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; — = "decreasing"; + = "increasing."

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

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

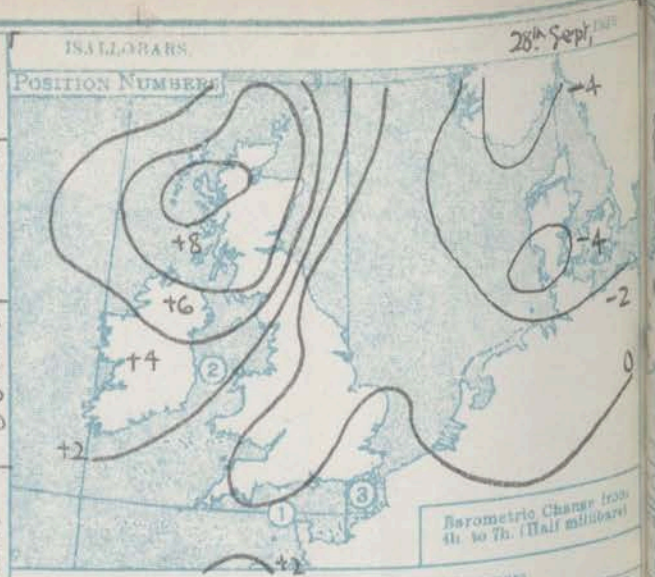
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

* For explanation see Introduction.
* Information for these columns not usually received.
: The barometric change is exp. based to half millibars.
† For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24h.	WEATHER. 13h.-18h. 24h.	WEATHER. 18h. to 1h. 28th 24h.	WEATHER. 1h.-7h. 28th 24h.	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. 24h. Hours.
Lerwick	omd	omd	omd	b	54	45	•	2	3	0800	<2100	0·0
Stornoway	r	r	r-d	c	56	45	•	7	4	-	-	0·0
Wick	r₀ꝏm	orro	omrr	rrP₀	55	47	•	5	7	0800	2200	•
Castlebay	dRom	amgpm	opmr₀	r₀roc	56	52	•	10	4	-	—	0·0
Nairn	cdg	cq	cirg	cbc	60	53	•	2	3	0900	2100	0·0
Aberdeen	corrm	r₀ocm	cporm	cmo	57	56	51	12	Trace	0900	2200	0·1
Malin Head	oRrm	oir	or₀ir	cobr₀	61	53	•	5	1	0800	<2100	0·0
Renfrew	orrq	orrqm	omrr	oor₀	59	54	52	19	2	0800	<2100	0·0
Edinburgh (Inchkeith)	rr	r₀r₀	coir₀	oo	59	56	54	5	0·1	0900	2400	0·0
Leuchars	orrm	or₀o	obrq	oo	60	57	50	5	0·3	0800	2200	0·0
Eskdalemuir	orrm	cRrrm	ordir	oirro	54	53	53	23	9	0800	<2100	r·0
Tynemouth	id₀m	mq	omq	omq	62	58	55	Trace	-	11·00	-	•
Blacksod Point ...	r-d	r-d	r-d	oo	60	49	•	26	2		-	•
Donaghadee	omrq	oq	o	oqp	60	55	•	7	0·5	0800	22·00	•
Birr Castle	coirc	copr	co	or₀ir₀	64	52	51	1	0·3	0800	<21·00	0·5
Holyhead	r₀ir	oco	ooc	oir	60	56	55	2	2	0900	0230	1·0
Liverpool (Ridston) ...	cop₀	c		-	61	52	49	0·5	-	0900	-	0·1
Chester (Shotwick) ...	oor₀	or₀oo	oc	ccqo	63	57	52	Trace	-	11·00	-	0·1
Spurn Head	c	oq	c	oo	60	55	•	-	-	-	-	1·4
Birmingham (Edgbaston)	oc	oco	cbc	bco	60	52	49	-	-	-	-	0·8
Nottingham	co	c	co	oo	61	53	49	-	-	-	-	1·1
Cranwell	oo	oo	c	cbcc	61	52	48	-	-	-	-	2·4
Gorleston	c	co	c	cw	64	53	45	-	-	-	-	4·0
Valencia (Cahirciveen)	omird	omid	odm	omid	59	52	50	1	1	0800	<2100	0·0
Roches Point	OMO	OM	O	odm	57	54	•	-	1	-	-	•
Pembroke (St. Ann's H.)	c	co	oo	oodm	58	56	•	-	0·6	-	0930	0·7
Ross-on-Wye	ocbcc	oco	coc	cbco	63	55	52	-	-	-	-	1·9
Benson...	oc	o	cbc	bccw	63	48	39		Trace	-	-	•
Andover	ofomc	coc	cbbc	bcw	66	46	40	-	Trace	-	-	3·0
S. Farnborough ...	coc	co	ob	bcw	67	47	38	-	—	-	-	4·3
London (Kew Obsy.) ...	omwbcc	coo	ocbcw	bcwcw	67	51	40		Trace	-	-	4·7
Croydon	cmo	ocom	omwc	cwbcco	67	50	45	-	Trace	-	-	5·3
Clacton-on-Sea ...	ofcmz	czoq	ogc	c	63	53	51	-	-	-	-	5·7
Shoeburyness	bmbc	bcco	ocbcm	bcm	68	52	46	-	-	-	-	5·6
Grain	cbcc	oo	cbc	bc3	67	51	45	Trace	Trace	-	-	5·3
Lympne	cbc	cbcoco	ocm	cmw	63	50	41	-	Trace	-	-	9·2
Scilly (St. Mary's) ...	co	ocw	cbc	cmd	60	55	•	-	0·1	-	0530	4·5
Falmouth (Pendennis)	com	owbcw	bcbbc	bc	58	52	•	-	-	-	-	2·3
Plymouth (Cattewater)	cbbcc	cbco	oc	co	62	51	36	-	-	-	-	5·8
Portland Bill	b-bc	b-bc	b-bc	b-bc	64	57	•		-	-	-	•
Southampton (Calshot)	b-bc	c	cbcbw	bbcw	65	50	44	-	Trace	-	-	5·3
Dungeness	c	c	c	c	63	52	•	-	-	-	-	•
Jersey	b	b	bwc	c	63	47	•	-	-	-	-	9·8
Guernsey	mbbcc	mcbcb	b-bc	bb	65	54	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	27th 1000	"Anglia"	S'W	6	od	57	56	6
1	27th 1200	"Ibex"	S	2	bc+	61	59	
3	28th 0100	"Dieppe"	W	1	bc	60	59	

GENERAL INFERENCE.

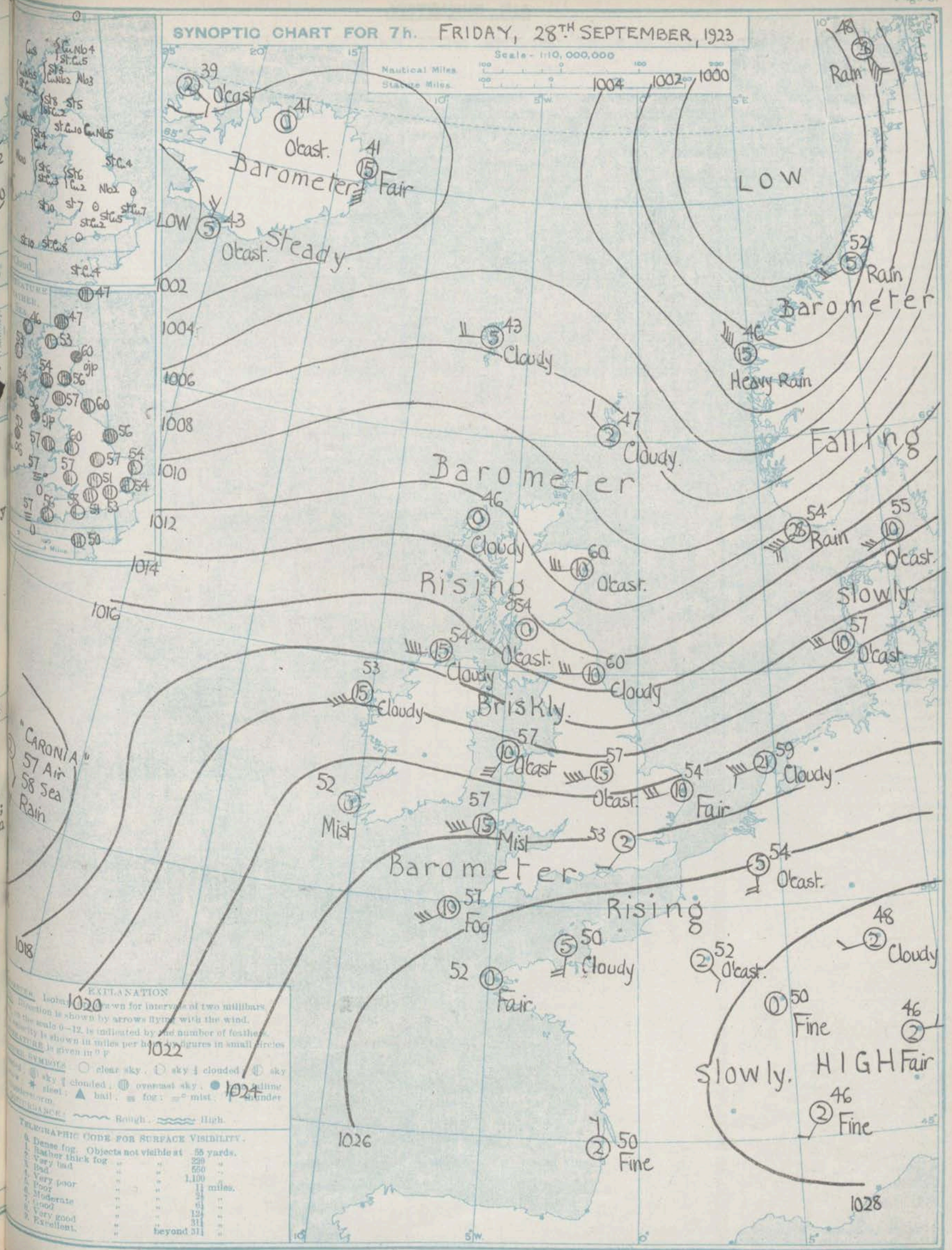
A ridge of high pressure is likely to develop over the British Isles and cause generally fair quiet weather, with mist or fog on our S.W. coasts and inland at night. Mainly fair weather is probable throughout the week-end over England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 28th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate S.W. wind backing to S. later, decreasing; fine, mist or fog at night; rather high day temperature for the time of year.	Mainly fair over England and Eastern Scotland; outlook uncertain elsewhere.
7. North Wales 8. N.W. England 9. N. Midlands	Moderate S.W. wind, decreasing; varying amount of cloud, mist or fog at night; rather high day temperature for the time of year.	---
10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light W. to S.W. wind, backing to South; varying amount of cloud, mist or fog at night; rather high day temperature for the time of year.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light S.W. to S. winds; varying amount of cloud; mist or fog at night; rather high day temperature for the time of year.	

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

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.. FRIDAY 28th SEPTEMBER 1923. No. 241.

Observations at 0100 G.M.T. 28th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	10070	0	NW	1	0r0+	47	92	6	4000	Nb	10	-	10
Stornoway	51	10065	-1	W	2	rr	•	•	4	•	•	•	•	•
Wick	61	10055	-1	NW	1	0rr	52	97	6	800	St	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	10094	+1	W	7	0/r	59	97	7	2000	Nb	6	ASt	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	10093	-2	SW	5	0jb	60	85	9	-	St	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	10158	-2	W	3	0	59	85	6	4000	StCu	10	-	10
Binckod Point ...	10	10147	+6	W	5	0r0	54	92	7	-	-	-	-	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	10187	-1	S'W	4	0	57	97	7	1500	St	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	10199	-1	SSW	5	0	56	92	7	5700	StCu	9	-	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	10220	0	SW'S	3	c⊕	53	97	6	-	-	0	ACu	8
Gorleston	13	10237	-1	SW'W	2	C	56	85	6	-	-	0	ACu	7
Valencia (Cahirciveen)	30	10195	+4	SW'W	1	0	54	97	7	-	-	0	ASt	10
Roches Point	32													
Pembroke (St. Ann's H.)	149	10220	0	SSW	5	0	57	92	8	4000	StCu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	168	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	53	•	•	•	•	•	•	•
Croydon	244	10252	-1	SW'S	2	C-	51	92	7	-	-	0	CiSt	8
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10256	0	WSW	3	C	52	97	6	-	-	0	ACu	8
Scilly (St. Mary's) ...	131	10241	0	SSW	3	b-	56	97	8	4000	StCu	3	-	3
Falmouth (Pendennis)	200	10246	0	WSW	2	b	54	85	7	-	-	0	-	0
Plymouth (Cattewater)	52	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	13	10255	0	W'S	2	bc	57	85	7	-	-	0	CiCu	4
Southampton (Ua.shot)	12	10259	-1	SW'W	3	b	54	97	8	-	-	0	Ci	3
Dungeness	21	10254	0	W	2	bc+	58	97	7	-	-	0	CiCu	5
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	10270	0	W'S	1	b	56	97	7	-	-	0	Ci	1

Observations at 0700 G.M.T. 28th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun.
Lerwick	10084	+3	NNW	1	C-	47	85	7	-	-	0	CiCu	7	0
Stornoway	10121	+6	-	0	C-	46	97	7	4000	Cu	8	-	8	0
Wick	10103	+7	NW	2	0	47	92	8	2500	StCu	9	-	9	0
Castlebay	10152	+8	W	5	C	53	92	8	1500	CuNb	7	-	7	4
Nairn	10120	•	W	1	bqr	53	92	8	1500	St	3	-	3	•
Aberdeen	10104	+6	W	3	0jb	60	75	6	1500	Nb	3	ASt	10	0
Malin Head	10176	+6	W	4	C/r	54	92	8	4000	CuNb	2	CiCu	7	4
Renfrew	10156	+7	-	0	0/r	54	85	8	800	St	10	-	10	•
Edinburgh (Inchkeith)	10124	+5	WSW	5	0-	56	85	8	-	St	5	CiCu	9	4
Leuchars	10115	+6	WSW	5	0	57	85	8	-	-	0	ASt	9	•
Eskdalemuir	10157	+6	WSW	4	0	57	85	7	1500	StCu	10	-	10	•
Tynemouth	10152	0	W	3	C-	60	85	6	800	CuNb	5	CiCu	8	1
Binckod Point ...	10203	+3	SW	4	C-	53	97	8	-	-	-	-	7	4
Donaghadee	1018·1	+5	NW	4	C/b	56	85	8	800	Cu	8	-	8	4
Birr Castle	10223	•	W	1	0r0r	52	97	6	1500	Nb	10	-	10	•
Holyhead	10203	+2	SW'W	3	0-	57	97	7	450	St	9	-	9	3
Liverpool (Bidston) ...	10194	+2	SW	3	C-	60	85	8	4000	St	8	-	8	•
Chester (Shotwick) ...	10201	+2	W	4	0+	62	75	9	1500	St	8	Ci	9	•
Spurn Head	10199	0	SW	4	0-	56	92	7	5700	StCu	4	CiCu	9	2
Birmingham (Edgbaston)	10223	-1	S	4	0-	54	85	7	2500	St	9	-	10	•
Nottingham	10210	0	SW	4	0	57	85	7	2500	Nb	2	CiSt	8	•
Cranwell	10207	-2	SW'W	5	C	56	92	8	4000	StCu	4	ACu	6	0
Gorleston	10227	+1	SW	3	bc	54	85	6	-	-	0	ACu	7	•
Valencia (Cahirciveen)	10230	+3	-	0	mo-	52	97	6	225	St	10	-	10	+
Roches Point	10226	+3	N.N.W	1	0	54	97	7	2500	St	10	-	10	0
Pembroke (St. Ann's H.)	10230	+1	SW'W	4	mo-	57	97	4	4150	St	10	-	10	5
Ross-on-Wye	10228	0	SSW	3	C-	57	85	7	2500	St	7	CiCu	8	•
Benson...	10242	0	SSW	3	C	51	92	9	-	-	0	ACu	9	•
Andover	10254	0	SW	2	bc	50	97	8	5700	StCu	1	CiCu	5	•
S. Farnborough ...	10248	0	WSW	2	C+	51	97	8	4000	StCu	2	ACu	7	•
London (Kew Obsy.) ...	10248	+1	SSW	1	C	53	85	8	4000	StCu	5	ACu	7	•
Croydon	10249	0	SSW	3	C+	52	92	7	7200	StCu	6	CiSt	9	•
Clacton-on-Sea ...	10243	0	SW	2	C	54	85	6	5700	StCu	7	-	7	0
Shoeburyness	10253	0	SW	1	mbc	54	85	6	-	-	0	Ci	4	•
Grain	10247	0	SSW	4	bc	54	85	6	-	-	0	ACu	5	•
Lympne	10253	+1	WSW	3	C	52	92	6	7200	StCu	4	ACu	8	•
Scilly (St. Mary's) ...	10240	+1	SW'S	3	f/0	57	97	1	1500	St	10	-	10	2
Falmouth (Pendennis)	10246	0	SW	4	f/c	56	92	7	4000	StCu	8	-	8	0
Plymouth (Cattewater)	10	0	SW	2	0-	56	92	7	5700	StCu	10	-	10	0
Portland Bill	10259	0	SSW	3	bc	58	75	7	-	-	0	CiCu	5	1
Southampton (Ua.shot)	10241	0	WSW	3	C+	54	92	8	-	-	0	CiSt	7	0
Dungeness	10258	0	SW	1	C+	58	97	6	-	-	0	CiCu	8	2
Jersey	10270	0	W	2	C	50	97	8	4000	StCu	4	CiCu	8	8
Guernsey	10270	+1	W'S	2	bc	56	75	8	-	-	0	CiSt	4	•

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 24h.-24h. °F.	Temperature. Max. Day. 24h.-24h. °F.	Rainfall.† Night 17h.-9h. 24h.-24h. mm.	Rainfall.† Day 9h.-17h. 24h. mm.	Sunshine. Sunrise to 17h. 24h. hr.	Sunshine. Sunrise to Sunset. 24h. hr.
Montrose	omrr	rmc	53	60	1	4	0·0	2·1
Berwick-on-Tweed	bcorr	bcprg	54	60	0·3	1	0·3	3·0
Llandudno	o	oco	52	63	–	–	0·4	2·8
Colwyn Bay ...	c	c	55	61	–	–	0·4	4·3
Rhyl...	oc	do	52	65	–	0·2	0·6	5·4
Southport	cocor	oco	51	61	–	1	0·1	1·4
Blackpool	op	o	53	61	–	1	0·0	2·0
Ilkley	cc	zc	49	61	–	–	0·8	2·2
Harrogate	c	c	48	59	–	–	0·3	3·4
Skegness	oc	co	47	60	–	–	0·9	5·0
Aberystwyth ...	ooc	b	54	61	–	–	0·7	1·0
Bath	bccob	bbcco	49	64	–	–	4·7	0·4
Leamington Spa ...	cb	cb	43	63	–	–	3·0	1·3
Lowestoft	cbc	co	49	64	–	–	4·0	7·1
Felixstowe	b	bco	50	63	–	–	5·4	5·6
Southend	bc	bc	49	67	–	–	3·8	2·1
Ilfracombe	cbc	bcco	52	65	–	–	7·2	2·9
Bude	wbbc	bcbco	50	64	–	–	6·7	2·3
[illegible]							5·7	4·1
Paignton	wbcbc	cbcc	47	65	–	–	6·9	5·5
Torquay	bc	bc	51	65	–	–	4·8	5·3
Weymouth	cb	cc	54	65	–	–		
Bournemouth ...	bc	bc	47	64	–	–	5·5	2·9
Portsmouth (S'thsea)	bb	bc	50	66	–	–	6·2	4·0
Littlehampton ...	bcmbc	bc	49	62	–	–	5·4	6·0
Worthing	bc	bc	48	65	–	–	6·5	4·5
Brighton	c	c	47	63	–	–	7·1	4·4
Eastbourne	bcb	bcc	50	64	–	–	8·6	6·0
Hastings	wbcb	bbcc	51	65	0·1	–	7·9	2·7
Folkestone	bc	bc	52	63	–	–	8·2	2·7
Dover	bcbbc	cbcc	52	62	–	–	7·7	5·0
Tunbridge Wells ...	cbc	bcc	45	66	–	–	6·1	2·9
Ramsgate	b	bbc	49	[illegible]	–	–	7·3	4·1
Margate	bbc	cobcc	51	66	–	–	7·0	4·6
Deal	bb	bbc	50	64	–	–	7·3	4·0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22591 Saturday, 29th September 1923.

Observations at 1800 G.M.T. 28th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of Ground.
Lerwick	1013·5	+6	W	1	bc	52	75	7	5700	StCu	4	CiSt	6	•
Stornoway	1017·7	+6	W	4	c-	56	65	7	4000	Cu	7	–	7	•
Wick	1016·0	+4	WNW	4	cpr.	58	65	8	2500	CuNb	4	Ci	7	•
Castlebay	1020·5	+6	W	4	o	54	85	8	2500	St	9	–	9	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1018·3	+6	WNW	3	b-	61	55	8	4000	Cu	1	CiCu	2	1
Malin Head	1022·4	+3	W	4	o+	56	92	8	5700	CuNb	1	ACu	9	•
Renfrew	1021·5	+4	W	3	bc	60	65	8	4000	Cu	3	ACu	4	2
Edinburgh (Inchkeith)	1020·0	+4	WSW	5	b-	57	75	8	–	Cu	2	CiCu	3	•
Leuchars	1019·1	+5	W	5	bc	62	55	8	5700	Cu	1	ACu	5	0
Eskdalemuir	1022·5	+4	W	3	c	56	75	8	2500	Cu	8	–	8	2
Tynemouth	1022·1	+9	W	3	b	52 64	55	7	800	Cu	2	CiCu	3	•
Blackpool Point	1023·5	+2	SW	4	c	59	92	9	*	*	*	*	7	•
Donaghadee	1023·2	+3	~~NW~~ W	2	c+	60	75	8	1500	Cu	3	ACu	8	•
Birr Castle	1023·8	*	W	1	c-	60	75	8	4000	StCu	8	–	8	•
Holyhead	1025·2	+3	WNW	3	b	58	85	8	2500	StCu	1	CiSt	2	0
Liverpool (Bidston)	1024·9	+3	W	2	bc-	58	75	8	4000	StCu	4	–	4	•
Chester (Shotwick)	1024·7	+4	NW	4	b-	62	75	8	2500	Cu	2	Ci	3	0
Spurn Head	1022·4	+1	WNW	5	b	60	92	7	–	–	0	ACu	2	•
Birmingham (Edgbaston)	1024·8	+1	SW	4	o+	64	75	8	4000	StCu	10	–	10	1
Nottingham	1023·4	+2	WNW	4	bc-	67	75	7	4000	Cu	2	CiCu	4	•
Cranwell	1023·3	+2	W	4	c	65	85	6	2500	Cu	7	–	7	1
Gorleston	1023·1	0	W	3	o+	67	65	6	4000	StCu	9	–	9	•
Valencia (Cahirciveen)	1024·6	+1	SSE	2	c-	59	92	8	2500	StCu	2	ACu	7	1
Roches Point	1025·5	+2	W	1	b-	58	85	8	4000	StCu	2	CiCu	3	•
Pembroke (St. Ann's H.)	1025·6	+2	W	2	imo	57	97	6	450	St	10	–	10	•
Ross-on-Wye	1024·8	+2	SW	3	c-	63	85	7	2500	StCu	7	ACu	8	0
Benson	1025·3	0	W	3	o+	68	75	8	–	StCu	10	–	10	0
Andover	1025·6	0	WSW	4	c+	69	75	8	2500	StCu	6	ACu	8	0
S. Farnborough	1025·4	0	SW	3	c+	72	75	8	1500	StCu	5	Ci	8	0
London (Kew Obsy.)	1025·5	0	WSW	3	o	67	75	8	5700	StCu	9	Ci	10	1
Croydon	1025·3	-1	~~NW~~ S	3	c	70	65	8	4000	Cu	3	Ci	8	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1025·5	0	SW	2	bcr	68	65	7	–	–	0	Ci	6	•
Grain	1025·6	+1	SW	4	c+	68	65	8	–	–	0	Ci	7	0
Lympne	1025·8	0	WSW	4	c	65	65	7	–	–	0	Ci	7	0
Scilly (St. Mary's)	1027·1	+2	SW	2	FFo	59	97	1	1500	St	10	–	10	•
Falmouth (Pendennis)	1028·3	+2	SW	2	o	60	92	7	2500	St	10	–	10	•
Plymouth (Cattewater)	1027·3	+1	SW	2	o	58	97	7	450	St	10	–	10	0
Portland Bill	1026·5	+2	WSW	2	bc	61	85	7	–	–	0	CiCu	5	•
Southampton (Calshot)	1026·7	0	SSW	4	o+	64	75	8	–	–	0	Ci	9	0
Dungeness	1026·1	0	SW	4	bc+	63	75	8	–	–	0	Ci	6	•
Jersey	1028·9	+1	S	2	b	65	65	8	–	–	–	–	0	•
Guernsey	1028·4	-1	W'S	2	bc	64	75	8	–	–	0	Ci	6	•

Observations at 1800 G.M.T. 28th

STATIONS.	Barom. at M.S.L. m.b	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	Sun. 0-6
Lerwick	1015·2	+2	W	2	b	50	92	7	4000	Cu	1	ASt	2	1
Stornoway	1019·2	+1	WSW	3	c	53	85	7	600	St	4	ACu	8	2
Wick	1019·1	+3	WSW	3	o	51	75	8	4000	Cu	3	ACu	9	0
Castlebay	1021·6	+0	WSW	4	o	54	92	7	1500	St	10	–	10	4
Nairn	1020·7	*	W	1	bc-	51	85	8	–	–	–	ACu	5	•
Aberdeen	1021·7	+5	W	1	o	56	55	7	7200	StCu	9	–	9	0
Malin Head	1023·5	+1	W	2	o	55	92	8	5700	StCu	9	ASt	10	1
Renfrew	1024·3	+3	W	1	bc-	52	75	7	5700	StCu	2	ASt	6	•
Edinburgh (Inchkeith)	1022·6	+5	WSW	3	c+	55	75	8	–	–	–	ACu	7	2
Leuchars	1022·2	+4	SW	3	o+	55	75	8	–	–	0	aSt	9	•
Eskdalemuir	1025·1	+3	WNW	2	c	50	85	8	2500	StCu	2	ACu	8	•
Tynemouth	1024·4	+1	W	1	bc	59	75	6	800	St	3	ACu	5	1
Blackpool Point	1024·2	+1	S	4	o	56	92	8	*	*	*	*	10	4
Donaghadee	1024·5	+1	–	0	c	58	85	8	1500	St	2	ACu	7	2
Birr Castle	1024·8	*	S	1	o+	61	85	7	2500	StCu	9	–	9	•
Holyhead	1026·4	+2	–	0	b	55	92	8	4000	StCu	2	–	2	0
Liverpool (Bidston)	1026·3	+1	WNW	1	b	55	92	7	4000	St	2	cSt	3	2
Chester (Shotwick)	1026·1	+2	–	0	b+	55	92	7	2500	StCu	2	Cu	3	•
Spurn Head	1024·9	+2	W	2	b	58	92	6	–	–	–	ACu	3	1
Birmingham (Edgbaston)	1026·3	+3	SW	5	bc+	63	85	6	2500	StCu	5	–	5	•
Nottingham	1025·5	+3	WNW	1	b	62	85	5	–	–	–	–	0	•
Cranwell	1025·8	+3	–	0	bc	60	92	6	–	–	–	ACu	5	•
Gorleston	1025·1	+1	W	1	bc+	64	85	5	–	–	–	CuCu	4	0
Valencia (Cahirciveen)	1024·8	0	SSE	3	od	59	92	7	800	St	10	–	10	4
Roches Point	1025·7	0	SE	1	o	55	98	6	–	St	10	–	10	0
Pembroke (St. Ann's H.)	1026·6	+1	S	2	fpo	56	97	2	–	St	10	–	10	4
Ross-on-Wye	1025·9	+3	SW'S	2	b	61	92	6	2500	St	1	–	1	•
Benson	1026·8	+2	W	2	o	64	85	8	800	St	10	–	10	•
Andover	1027·1	+2	W	2	o	62	97	6	1500	St	10	–	10	•
S. Farnborough	1026·8	+2	WNW	3	o	66	85	7	1500	StCu	10	–	10	•
London (Kew Obsy.)	1027·0	+2	W	1	o	66	75	7	4000	StCu	9	ACu	10	•
Croydon	1026·6	+1	SW'S	2	o/r	64	85	6	1500	StCu	10	–	10	•
Clacton-on-Sea	1025·9	+2	W	2	o	66	85	6	3700	StCu	10	–	10	0
Shoeburyness	1026·7	+2	SW	2	o+	64	85	8	2500	StCu	6	ASt	10	•
Grain	1026·8	+2	SSW	3	o	64	85	7	1500	StCu	10	–	10	0
Lympne	1026·6	+1	WSW	3	o	61	85	6	1500	St	8	ASt	10	•
Scilly (St. Mary's)	1027·6	+1	SWW	2	ffo	58	97	1	450	St	10	–	10	2
Falmouth (Pendennis)	1029·3	+2	W	2	mo	59	92	6	1500	St	10	–	10	0
Plymouth (Cattewater)	1028·3	+1	SSW	2	mmo	59	97	5	450	St	10	–	10	0
Portland Bill	1026·5	0	WSW	3	o+	60	85	7	800	St	10	–	10	0
Southampton (Calshot)	1027·8	+1	SSW	4	o+	60	97	7	800	StCu	10	–	10	0
Dungeness	1026·5	0	W	4	o	60	97	7	2500	St	10	–	10	3
Jersey	1027·8	0	W	2	bc	63	75	9	–	–	–	CiSt	6	0
Guernsey	1028·9	0	W	1	b	60	92	8	–	–	–	ACu	2	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 29th								YESTERDAY.	TO-DAY.	
Kew	18	bco	o	ad,mn	*	*	55	tra	tra	4·4	*	*
Croydon } 24 hours ended 0700	244	oc	ad,m	mabc	*	*	51	tra	–	5·3	*	*
Greenwich (Royal Obsy.)	149	bc	bco	obo	74	58	42	–	–	6·2	78	89
City (Bunhill Row)	90	*	*	*	*	*	*	*	*	4·8	*	*
Westminster (St. James' Pk.)	27	*	*	*	70	58	52	–	–	5·4	78	89
Regent's Pk. (Botanic Gdns.)	–	*	*	*	*	*	*	o	–	4·0	*	*
Camden square	110	bbc	bcoc	*	71	57	51	–	–	*	*	90
Kensington Palace	80	bbc	o	*	70	51	51	–	–	*	78 (18h)	88
Hampstead Observatory	450	*	*	*	63	56	49	tra	tra	5·1	*	95

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 28th

South Kensington

Max.	Time.	Min.	Time.
0·3	27th 19h.	<0·3	28th 1-4h.
0·3	28th 7h.		

Kew Observatory

Max.	Time.	Min.	Time.
–	–	–	–
–	–		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 28th 19h 00m. to 29th 05h 00m.

Stars.	Exposure.	Record. h. m.	Record. h. m.	Record. %
Polaris	h. m. 10 0	4 10		42
β Ursae Minoris	10 0	4 4		41

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	Noises.	Strength.	Direc.
12h.	–	–	–	–
17h.	5C	7	–	160°
19h.	5C	7		165°
21h.	5C	7		55°

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

29th–30th Sept., 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·51 / 5·53	11·43 / 11·43	5·35 / 5·33
Greenwich	5·58 / 6·0	11·50 / 11·50	5·42 / 5·40
Wick	6·14 / 6·17	12·2 / 12·2	5·50 / 5·47
Valencia	6·39 / 6·41	12·31 / 12·31	6·27 / 6·21

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 (three-quarters covered).
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—10000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ts 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 p 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 passing weather is combined, whenever possible, the general character of the weather.
A "setting" divides actual existing weather from preceding conditions, thus:—bc/r is fair weather after rain; – = "decreasing"; + = "increasing."

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

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

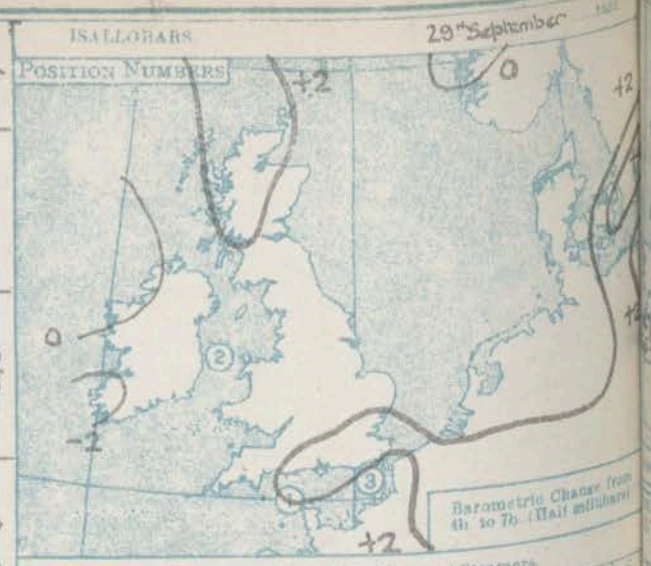
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 28th	WEATHER. 13h.-18h. 28th	WEATHER. 18h. 28th to 1h. 29th	WEATHER. 1h.-7h. 29th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	28th Hours.
Lerwick	bc	bc	cpr	cpr	54	49	•	-	0.3	-	<2100	8.4
Stornoway	c	c	p	c	57	46	•	-	2	-	-	5.0
Wick	ocpq	oo	bbo	bbc	58	45	•	0.3	-	11.00	-	•
Castlebay	co	o	o	ocom	55	52	•	-	-	-	-	3.7
Nairn	bc	bc	bcc	bcb	58	47	•	-	-	-	-	6.7
Aberdeen	pr.cb	bcco	oc	cbcb	63	49	43	trace	-	<0800	-	5.1
Malin Head	cov	o	copr.	ocr.	57	52	•	-	1	-	2200	3.2
Renfrew	ocbc	bcsbc	bccd.	or.om	60	48	39	trace	trace	-	2200	4.5
Edinburgh (Inchkeith)	c	c	om	mm	58	51	48	-	-	-	-	7.0
Leuchars	obcy	bccy	oo	ocw	63	47	34	nil	-		-	5.8
Eskdalemuir	oc	cbcc	co	ooc	56	46	42	-	-	-	-	4.7
Tynemouth	c	b-bcm	oom	oom	64	53	51	-	-	-	-	•
Blacksod Point ...	c	oo	oo	r-d	60	50	•	0.2	2	-	-	•
Donaghadee	c	cv	o	ofd	62	55	•	-	0.2	-	0430	•
Birr Castle	cprco	co	co	o r f.	63	57	57	0.1	0.3	<0800	0430	4.4
Holyhead	ocbcb	bb	bbcoid	cbom	60	53	50	-	trace	-	2400	8.1
Liverpool (Bidston) ...	co	bbc	co	[illegible]	60	53	45	-	-	-	-	4.7
Chester (Shotwick) ...	oocb	bbbb	bbco	oom	64	45	39	-	-	-	-	6.4
Spurn Head	b-bc	b-bc	bbcmo	bbc	61	52	•	-	-	-	-	6.0
Birmingham (Edgbaston)	c	obc	com	omw	68	53	44	-	-	-	-	2.9
Nottingham	op.	b-bc	bm	bm	68	50	47	trace	-	<0800	-	5.9
Cranwell	cbcmo	b-bc	bbc	f-m	68	47	39	-	-	-	-	8.9
Gorleston	c	cbbcz	bmbfc	F	69	49	47	-	-	-	-	6.5
Valencia (Cahirciveen)	oc	comid	odm	odpro	60	58	57	trace	3	1730	<2100	1.8
Roches Point	obcb	bofm	odf	of	59	54	•	-	0.5		<2100	•
Pembroke (St. Ann's H.)	offo	offo	off	offo	58	57	•	-	-	-	-	0.0
Ross-on-Wye	oo	bco.	bmw	bmwam	67	52	48	-	-	-	-	3.2
Benson	bcco	o	oo	oow	71	58	57	-	trace	-	-	•
Andover	bcc	com	om	omcmw	70	59	56	-	trace	-	-	5.9
S. Farnborough ...	c	co	o	om	73	59	55	-	trace	-	-	4.6
London (Kew Obsy.) ...	bco	o	od.o	pomw	68	59	55	trace	trace	14.30	<2100	4.4
Croydon	oc	oc.w	ombc	bcomm	70	59	53	trace	-	14.30	-	5.3
Clacton-on-Sea ...	c	coqz	bqzbcm	bcogm	70	53	51	-	0.2	-	-	5.1
Shoeburyness	bcmbc	bco	ocbcb	bmom	70	54	42	-	trace	-	-	4.7
Grain	bczb	co	ocbcc	cbcfw	71	53	46	-	-	-	-	5.4
Lympne	b	bco	ocbcf	bcofm	69	54	42	-	trace	-	-	7.4
Scilly (St. Mary's) ...	offc	offc	o	oo	60	57	•	0.1	-	<0800	-	0.0
Falmouth (Pendennis)	bcco	cof	fom	omffo	63	57	•	-	-	-	-	0.1
Plymouth (Cattewater)	oo	oc	omc	odfc	59	57	•	-	0.3	-	<2100	0.0
Portland Bill	b-bc	b-bc	c	oo	61	58	•	-	-	-	-	•
Southampton (Calshot)	c	c	oo	cffbm	65	59	56	-	-	-	-	9.0
Dungeness	b-bc	c	oo	oo	63	56	•	-	-	-	-	•
Jersey	cb	bcb	bw	biwom	67	55	•	-	-	-	-	10.1
Guernsey	bbc	bcb	c	ffo	65	56	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Barometer
2	28 1005	Anglia	W	5	0	57	56	8
1	1300	Reindeer	W	4	b	64	59	1
3	29 0300	Brighton	NNW	2	b	62	60	1

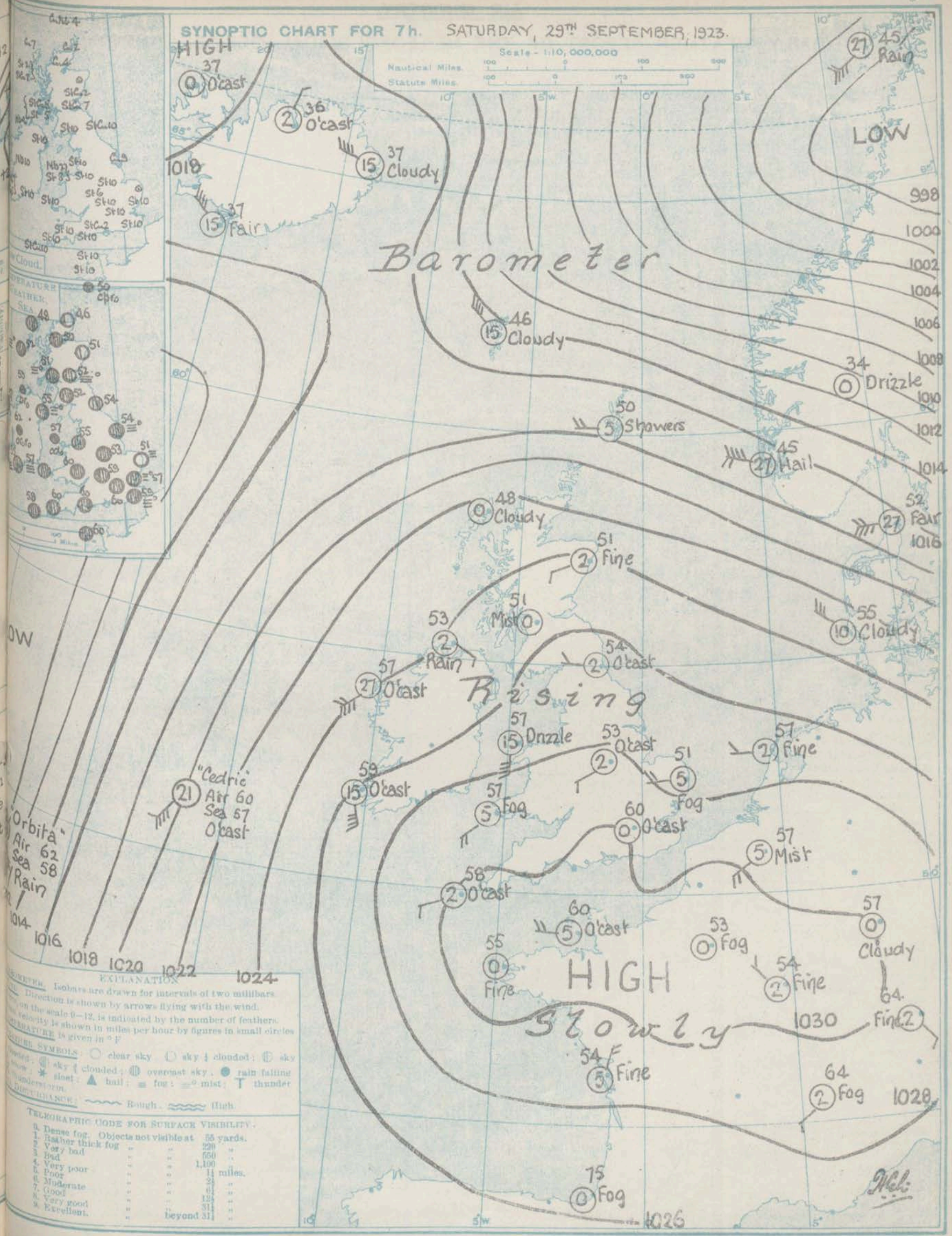
GENERAL INFERENCE.

The anticyclone centred over Northern France will maintain fair, quiet, weather with rather high day temperature in the Midlands, Southern and Eastern districts. In the Northwest there will be much cloud, with some local drizzle and there will continue to be local fog on the Southwest Coasts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 29th September, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light, variable; fair; morning mist or fog; warm during day.	Fair, quiet, weather generally with rather high day temperature and morning mist or fog.
5. S.W. England 6. South Wales	Wind light SW.; cloudy; fog locally on coasts; warm during day.	
7. North Wales 8. N.W. England	Light S. to SW. wind; cloudy; some mist; rather warm.	
9. N. Midlands 10. N.E. England 11. E. Scotland	Wind light W. to SW.; varying cloudy to fair; some mist; rather warm.	
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind mainly SW., light; cloudy, slight rain in places; some mist; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.	

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

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. SATURDAY, 29TH SEPTEMBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
37 O'cast
36 O'cast
37 Cloudy
37 Fair
1018
Barometer
46 Cloudy
45 Rain
LOW
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
34 Drizzle
50 Showers
45 Hail
48 Cloudy
52 Fair
51 Fine
51 Mist
53 Rain
55 Cloudy
54 O'cast
57 O'cast
Rising
57 Drizzle
53 O'cast
51 Fine
59 O'cast
57 Fog
51 Fog
60 O'cast
57 Mist
58 O'cast
60 O'cast
57 Cloudy
53 Fog
55 Fine
HIGH
54 Fine
Slowly
1030
64 Fine
54 Fine
64 Fog
1028
75 Fog
1026
"Cedric" Air 60 Sea 57 O'cast
"Orbita" Air 62 Sea 58 Rain
1014
1016
1018
1020
1022
1024
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Velocity is shown in miles per hour by figures in small circles
TEMPERATURE is given in °F
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunder
DISTURBANCE: Rough; High
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1¼ miles.
5. Poor " " 2½ "
6. Moderate " " 6 "
7. Good " " 12 "
8. Very good " " 31 "
9. Excellent. " beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday, 29th, September 1923. No. 272.

Observations at 0700 G.M.T. 29th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1015.8	0	W	3	cjp	51	92	6	4000	Cu	8	-	8
Stornoway	51	1021.2	+2	N	4	pR	•	•	5	•	•	•	•	•
Wick	81	1020.1	0	SW	2	b	48	85	8	5700	StCu	3	-	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	92	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1024.4	+1	SW	1	0	53	92	8	5700	StCu	2	CiSt	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	120	1024.3	+2	NSW	3	cmo	52	92	6	•	St	4	AcSt	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1026.2	0	-	0	0	55	75	6	1800	Nb	10	-	10
Blacksod Point	10	1023.3	0	SE	3	obc	54	97	7	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1026.7	0	S	3	od	56	97	7	1500	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1027.8	+2	W	3	mc	52	97	4	1500	Cu	4	ACu	7
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1027.4	+2	-	0	0	53	97	5	4000	StCu	10	-	10
Gorleston	13	1026.0	0	W	1	fb+	55	97	3	-	-	0	-	0
Valencia (Cahirciveen)	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	148	1028.3	+1	SW	2	ffo	57	97	2	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	60	•	•	•	•	•	•	•
Croydon	244	1028.5	+1	W'S	2	bc-	60	97	6	1500	StCu	4	-	4
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1026.9	0	NW	2	b	58	97	7	-	-	0	-	0
Scilly (St. Mary's)	131	1029.5	+1	SW'W	2	0	58	97	8	4000	StCu	10	-	10
Falmouth (Pendennis)	200	1030.6	+1	-	0	0	59	97	6	2500	St	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1029.2	0	W	2	0	60	92	6	800	St	10	-	10
Southampton (Ca. shot)	12	1029.2	0	-	0	c-	59	97	7	4000	StCu	3	AC	8
Dungeness	21	1028.7	+1	WNW	2	0-	60	97	7	2500	St	3	ACu	9
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1029.9	+1	W	1	0	60	97	7	-	-	0	AcSt	10

Observations at 0700 G.M.T. 29th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-1
Lerwick	1017.2	+1	W	2	cbc	50	85	7	4000	Cu Nb	4	ASt	7	1
Stornoway	1022.5	+2	-	0	c	48	92	8	4000	Cu	7	-	7	0
Wick	1021.8	+3	SW	2	b	46	92	8	5700	Cu	2	-	2	1
Castlebay	1023.8	+1	E	1	mmo	52	97	7	2500	StCu	9	-	9	0
Nairn	1023.2	•	-	0	bc	50	75	8	4000	Cu	4	-	4	0
Aberdeen	1024.5	+1	NSW	1	b	51	75	8	-	-	0	ACu	2	0
Malin Head	1024.1	0	ESE	1	oc	53	97	8	4000	Nb	4	ASt	10	1
Renfrew	1025.8	+2	-	0	mmo	51	97	5	4000	StCu	10	-	10	•
Edinburgh (Inchkeith)	1025.3	+1	NSW	2	mc	52	92	6	•	StCu	7	-	7	0
Leuchars	1024.7	+2	NSW	1	bc	49	92	6	5700	StCu	4	ACu	4	•
Eskdalemuir	1026.4	+1	S'W	1	o	52	92	6	800	St	2	-	2	•
Tynemouth	1026.7	+1	W	1	o	54	85	6	4000	StCu	10	-	10	1
Blacksod Point	1023.2	-1	SW	6	o	57	97	7	•	•	•	•	10	4
Donaghadee	1024.9	0	SSE	1	mo	55	97	7	-	AcSt	10	-	10	0
Birr Castle	1025.7	•	S	1	oc	62	97	6	2500	Nb	10	-	10	•
Holyhead	1027.1	+2	S'W	4	od	57	97	5	<150	St	10	-	10	Nil
Liverpool (Bidston)	1027.1	0	SE	2	of	55	97	4	1500	St	10	-	10	•
Chester (Shotwick)	1027.1	+1	SE	2	od	56	97	5	2500	St	10	-	10	•
Spurn Head	1027.9	+1	NSW	2	mmo	54	97	4	4000	Cu	9	-	10	•
Birmingham (Edgbaston)	1029.0	0	S	3	o	57	97	6	2500	St	10	-	10	•
Nottingham	1028.2	+1	SW	1	o	53	97	4	1500	St	6	ACu	9	•
Cranwell	1028.3	+1	W	1	mmo	53	97	5	2500	St	10	-	10	•
Gorleston	1027.7	+1	W	2	ffo	51	97	2	-	-	0	-	0	•
Valencia (Cahirciveen)	1027.5	+2	SSE	4	o-	59	92	7	800	StCu	9	-	10	4
Roches Point	1028.7	+1	SSE	1	fo	55	97	7	<150	St	10	-	10	•
Pembroke (St. Ann's H.)	1029.2	+1	SW	2	ffo	57	97	2	<150	St	10	-	10	•
Ross-on-Wye	1028.6	+1	SW	2	o	56	97	5	4000	StCu	10	-	10	•
Benson	1029.5	+1	-	0	o	59	97	6	•	St	10	-	10	•
Andover	1030.0	+1	W'S	3	c-	59	97	6	800	St	7	-	10	•
S. Farnborough	1029.5	+2	NSW	1	mo	60	97	6	800	St	10	-	10	•
London (Kew Obsy.)	1030.1	+2	-	0	o	60	92	6	1500	St	10	-	10	•
Croydon	1029.6	+2	NSW	1	o	59	97	6	450	St	10	-	10	0
Clacton-on-Sea	1029.0	+2	NNW	1	fo-	57	97	3	220	St	10	-	10	0
Shoeburyness	1028.4	+2	-	0	mo-	59	85	6	2500	St	9	-	9	0
Grain	1029.5	+3	-	0	mc-	57	92	4	450	St	8	-	10	0
Lympne	1029.5	+3	NW	2	o/f	57	97	5	450	St	10	-	10	2
Scilly (St. Mary's)	1029.6	+1	NSW	1	o	58	97	8	4000	St	10	-	10	0
Falmouth (Pendennis)	1030.6	+1	-	0	ffo	58	97	2	220	St	10	-	10	0
Plymouth (Cattewater)	1030.7	+1	-	0	fo+	57	97	1	<150	St	10	-	10	0
Portland Bill	1030.0	+2	-	0	o	60	75	6	800	St	10	-	10	0
Southampton (Ca. shot)	1030.2	+2	SSW	3	b/f	60	97	5	2500	StCu	2	-	10	0
Dungeness	1029.3	+1	WSW	1	o	59	92	6	2500	StCu	10	-	10	0
Jersey	1030.9	0	W	2	o	60	97	6	1500	StCu	10	-	10	0
Guernsey	1030.8	+1	W	1	mo-	60	97	5	2500	St	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th Sept.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 27th-28th °F.	Temperature. Max. Day. 28th °F.	Rainfall.† Night 17h.-9h. 27th-28th mm.	Rainfall.† Day 9h.-17h. 28th mm.	Sunshine. Sunrise to 17h. 28th hr.	Sunshine. Sunrise to Sunset. 27th hr.
Montrose	bbc	bcco	58	64	0·2	-	4·3	0·0
Berwick-on-Tweed	cbcbc	bccz	57	62	-	-	6·6	0·5
Llandudno	c	cbbc	58	62	1	-	4·4	0·4
Colwyn Bay	c	c	58	59	-	-	1·5	0·4
Rhyl	ro	bc	56	63	0·3	-	3·4	0·6
Southport	ococ	bcbcb	55	61	-	-	5·6	0·1
Blackpool	c	bc	56	63	0·2	-	5·2	0·0
Ilkley	omdo	bcbbc	55	65	0·3	-	3·0	0·8
Harrogate	cudc	bc	54	64	-	-	2·9	0·3
Skegness	c	c	52	69	-	-	8·2	0·9
Aberystwyth	rco	o	56	61	4	-	0·0	0·7
Bath	mo	ogm	51	63	-	-	0·0	4·7
Leamington Spa	cb	cb	51	67	-	-	2·7	3·0
Lowestoft	b	bcocb	53	70	-	-	6·3	4·0
Felixstowe	bc	cd	53	70	-	-	4·5	5·4
Southend	bc	co	51	70	-	-	5·2	3·8
Ilfracombe	od	odf	54	60	trace	1	0·0	7·2
Bude	o	oddo	49	61	-	0·5	0·0	5·8
Paignton	wbcbcc	om	48	68	-	-	7·1	6·1
Torquay	bcbc	bccc	52	59	-	-	6·6	6·9
Weymouth	bbc	co	53	69	-	-	7·3	5·4
Bournemouth	b	b	49	68	-	-	9·9	5·5
Portsmouth (S'thsea)	bb	bc	50	68	-	-	8·9	6·2
Littlehampton	bc	bc	44	62	-	-	8·9	5·4
Worthing	bbc	bcc	47	66	-	-	8·3	6·5
Brighton	b	bcco	50	63	-	-	7·5	7·1
Eastbourne	b	bcc	51	65	-	-	7·8	5·6
Hastings	wbcb	bbcco	52	65	Trace	-	7·0	7·9
Folkestone	bc	bc	50	66	-	-	7·4	8·2
Dover	bcbbc	bccoc	52	64	-	-	6·7	7·7
Tunbridge Wells	b	bbccd	47	71	-	-	7·4	6·1
Ramsgate	bcb	bbc	49	•	-	-	7·0	7·3
Margate	bcb	bbc	53	70	-	-	6·9	7·0
Deal								

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22597 Sunday 30th September 1923.

Observations at 1800 G.M.T. 29th

STATIONS. (For heights see p.4).	Barom. at M.S.L. m.b	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	1020·9	+4	WNW	3	o/p	51	85	7	4000	Nb	3	ASt	10	•
Stornoway	1022·9	0	W	2	o+	55	85	8	800	St	10	-	10	•
Wick	1024·3	+4	-	0	o+	54	75	8	5700	StCu	9	-	9	•
Castlebay	1022·7	+5	E	4	o/r.r.	52	97	6	800	Nb	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1025·2	0	S	1	o+	61	65	8	5700	StCu	9	-	9	0
Malin Head	1023·8	-1	WSW	3	odd	61	97	6	4000	Nb	8	ASt	10	•
Renfrew	1026·0	0	-	0	odd	56	92	6	225	Nb	10	-	10	2
Edinburgh (Inchkeith)	1025·9	-1	-	0	o/f	57	85	7	-	St	10	-	10	•
Leuchars	1025·5	0	SW	2	0	59	65	6	4000	St	10	-	10	0
Eskdalemuir	1026·8	0	SSW	3	ffo	55	97	1	<150	St	10	-	10	1
Tynemouth	1028·0	0	S	1	0	58	85	6	-	-	0	ASt	10	•
Blacksod Point	1029·4	0	SW	6	0	69	92	8	*	*	*	*	10	•
Donaghadee	1025·6	0	W	2	c-	68	85	8	800	St	8	-	8	•
Birr Castle	1027·4	•	SW	3	c-	69	75	7	2500	Cu	7	-	7	•
Holyhead	1028·4	0	SSW	3	0	60	97	7	1500	StCu	10	-	10	1
Liverpool (Bidston)	1028·4	+1	WSW	2	o+	68	75	7	2500	CuNb	9	-	9	•
Chester (Shotwick)	1028·0	0	SW	4	0	71	75	8	4000	StCu	10	-	10	5
Spurn Head	1029·0	0	-	0	o/f	62	85	6	1500	StCu	10	-	10	•
Birmingham (Edgbaston)	1029·6	0	SSW	3	o+	70	75	8	4000	StCu	9	-	9	1
Nottingham	1028·7	0	WSW	3	b-	71	75	7	2500	Cu	1	Ci St	7	•
Cranwell	1028·5	0	W'S	2	bc-	71	85	6	2500	St	4	Ci Cu	7	0
Gorleston	1029·9	0	W	2	b-	68	85	6	-	-	0	Ci	2	•
Valencia (Cahirciveen)	1028·2	+1	S'E	4	c-	62	92	8	800	StCu	6	ACu	7	2
Roches Point	1029·4	+1	S.E	2	fo	58	97	3	<150	St	10	-	10	•
Pembroke (St. Ann's H.)	1030·7	0	S	2	ffo	59	97	3	<150	St	10	-	10	•
Ross-on-Wye	1029·2	+1	SW'S	2	0	70	75	7	4000	StCu	10	-	10	0
Benson	1030·2	0	WSW	1	0	72	85	7	-	St	10	-	10	0
Andover	1030·5	+1	WNW	2	0	71	75	7	1500	StCu	10	-	10	0
S. Farnborough	1030·0	0	WNW	2	o-	76	75	7	5700	Cu	9	-	9	0
London (Kew Obsy.)	1030·4	0	SW	1	0	70	75	7	5700	StCu	10	-	10	1
Croydon	1030·1	-1	W	1	0	70	75	7	4000	StCu	10	-	10	0
Gleaton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1030·4	+1	SW	1	mo	68	75	4	1500	St	10	-	10	•
Grain	1030·5	0	SW	2	o+	69	75	5	1500	St	10	-	10	0
Lympne	1030·1	0	S	2	o+	65	85	7	2500	StCu	8	ASt	9	0
Scilly (St. Mary's)	1030·0	0	-	0	ifbc	63	85	3	1500	St	4	-	4	•
Falmouth (Pendennis)	1030·9	-1	-	0	mc-	63	92	5	450	St	8	-	8	•
Plymouth (Cattewater)	1030·8	0	SW	3	fo	59	97	2	<150	St	9	-	9	0
Portland Bill	1030·4	+1	W	2	c	65	75	6	-	-	0	ACu	7	•
Southampton (Calshot)	1030·9	0	SSW	2	c-	71	75	7	4000	StCu	8	-	8	0
Dungeness	1030·7	0	WSW	2	o+	63	92	7	5700	StCu	10	-	10	•
Jersey	1030·4	0	S	2	b	71	75	8	4000	StCu	2	-	2	•
Guernsey	1031·5	-1	-	0	mo-	62	97	6	4000	StCu	10	-	10	•

Observations at 1800 G.M.T. 29th

STATIONS.	Barom. at M.S.L. m.b	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	1022·4	0	W	1	o/p	49	85	6	4000	Nb	3	ASt	10	0
Stornoway	1020·3	-3	-	0	o/r	52	97	7	450	St	10	-	10	0
Wick	1022·3	-3	ESE	2	o/r	52	92	8	1500	St	7	ASt	10	0
Castlebay	1020·9	-1	SW	5	o/r	52	97	7	1500	St	10	-	10	4
Nairn	1021·7	*	E	1	o/r	53	92	8	2500	Nb	9	-	9	•
Aberdeen	1024·4	-2	S	2	o/r	54	92	5	2500	Nb	10	-	10	0
Malin Head	1023·2	-1	SW	2	c	61	92	8	5700	StCu	8	-	8	0
Renfrew	1025·3	-1	-	0	odd	59	97	5	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	1024·8	-1	NNE	1	mmo	53	97	4	-	St	10	-	10	0
Leuchars	1024·6	-2	S	1	o/r	55	92	6	450	St	10	-	10	•
Eskdalemuir	1026·3	-1	S	2	odo	57	97	1	<150	St	10	-	10	•
Tynemouth	1027·0	0	S	1	0	58	85	6	-	-	0	ASt	10	1
Blacksod Point	1022·7	-1	S	6	0	57	97	8	*	*	*	*	10	6
Donaghadee	1025·5	0	WSW	1	bc+	66	85	8	1500	Cu	3	ACu	4	0
Birr Castle	1026·5	*	SW	2	b-	67	75	7	2500	Cu	2	-	2	•
Holyhead	1028·3	0	SW'S	2	c-v	59	97	9	4000	StCu	7	ACu	8	1
Liverpool (Bidston)	1028·3	0	SW	1	bc	65	75	8	2500	Cu	4	ACu	6	2
Chester (Shotwick)	1028·4	0	SW	3	c-	67	75	8	4000	StCu	5	Ci	7	•
Spurn Head	1028·6	0	SW	2	0	63	97	5	800	St	10	-	10	0
Birmingham (Edgbaston)	1029·6	0	WSW	2	o-	66	85	6	5700	StCu	10	-	10	•
Nottingham	1029·1	+1	WSW	1	o+	67	85	6	1500	StCu	10	-	10	•
Cranwell	1028·5	0	SW	2	0	68	97	6	2500	StCu	10	-	10	•
Gorleston	1029·4	+1	-	0	mo+	60	92	5	4000	StCu	10	-	10	0
Valencia (Cahirciveen)	1026·6	-1	S'E	5	bv	56	92	9	450	St	2	-	2	3
Roches Point	1029·4	0	SSE	2	fo	55	97	2	<150	St	10	-	10	0
Pembroke (St. Ann's H.)	1030·7	0	SSE	1 FF	fo	58	97	1 X	<150	St	10	-	10	3
Ross-on-Wye	1029·5	0	NW	1	0	67	85	8	2500	St	10	-	10	•
Benson	1030·3	0	-	0	0	69	85	7	5700	St	10	-	10	•
Andover	1030·5	0	-	0	0	67	92	7	2500	St	10	-	10	•
S. Farnborough	1030·4	0	-	0	o-	69	92	7	2500	StCu	10	-	10	•
London (Kew Obsy.)	1030·4	0	SW	1	0	68	92	5	5700	StCu	10	-	10	•
Croydon	1030·0	0	-	0	0	68	85	6	4000	StCu	10	-	10	•
Gleaton-on-Sea	1030·1	0	SSW	1	c	64	92	4	7200	StCu	8	-	8	0
Shoeburyness	1030·3	0	-	0	fo+	68	75	3	1500	St	10	-	10	•
Grain	1030·5	+1	-	0	o+	68	85	6	4000	StCu	10	-	10	0
Lympne	1030·6	+1	SW	2	0	61	92	5	4000	StCu	9	-	9	•
Scilly (St. Mary's)	1030·1	0	WSW	1	fo	59	97	2	450	St	10	-	10	1
Falmouth (Pendennis)	1030·5	-1	-	0	ffc	59	97	2	225	St	8	-	8	0
Plymouth (Cattewater)	1030·6	0	-	0	c	59	97	7	<150	StCu	7	-	7	0
Portland Bill	1030·6	0	-	0	c	61	92	6	2500	StCu	8	-	8	0
Southampton (Calshot)	1030·9	-1	SW'S	2	0	64	92	7	4000	StCu	10	-	10	0
Dungeness	1030·9	0	SW	2	o-	61	92	6	1500	St	10	-	10	2
Jersey	1029·7	0	ESE	2	b	70	75	8	-	-	0	-	0	0
Guernsey	1030·8	-1	NW	1	b/c	61	97	8	-	-	0	Ci	1	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. mm. Day.	Rainfall. mm. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 30th								YESTERDAY.	TO-DAY.	
Kew (24 hours ended 0700)	18	0mw0	00mw	0mw0	*	*	61	-	Tr.	0.0	*	*
Croydon (24 hours ended 0700)	244	0mw3	0mw	0mw	*	*	62	-	-	0.3	*	*
Greenwich (Royal Obsy.)	149	0	0	0mw	73	62	60	-	-	0.1	74	78
City (Bunhill Row)	90	*	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	71	62	61	-	-	0.1	76	79
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	0.3	*	*
Camden Square	110	0	0	*	73	61	60	-	-	*	*	83
Kensington Palace	80	0	0	*	73	59	61	-	-	*	At 18h. 83	83
Hampstead Observatory	450	*	*	*	70	62	54	-	-	0.1		

ATMOSPHERIC POLLUTION, Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T.

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18 h. 45 m. to 5 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	1030	0 0	NIL
δ Ursae Minoris			

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Strength.	Note.
1.15	C	5	-	20
1.18	C_1C_2	6	-	175
9.16	C_1C_2	6	-	155
9.17	C	5	-	140

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

30th Sept. - 1st Oct., 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·53 / 5·56	11·43 / 11·43	5·33 / 5·30
Greenwich	6·0 / 6·2	11·50 / 11·50	5·40 / 5·38
Wick	6·17 / 6·19	12·2 / 12·2	5·47 / 5·45
Valencia	6·41 / 6·43	12·31 / 12·31	6·21 / 6·19

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud). bc sky partly cloudy (one half covered). c generally cloudy (three-quarters covered). d drizzle. e wet air. g gloomy. f fog, visibility 200—1000 m. F thick fog, " less than 200 m. m mist, " 1000—10000 m. h hail. i intermittent. jp precipitation within sight of station. KQ line squall. l lightning. o overcast sky. p passing showers. q squally. r rain. s snow. rs sleet. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air. z dust haze; the turbid atmosphere of dry weather. h(r)="hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity. R = heavy rain. r_o = slight rain. rr = continuous rain.

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

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

SEA DISTURBANCE.

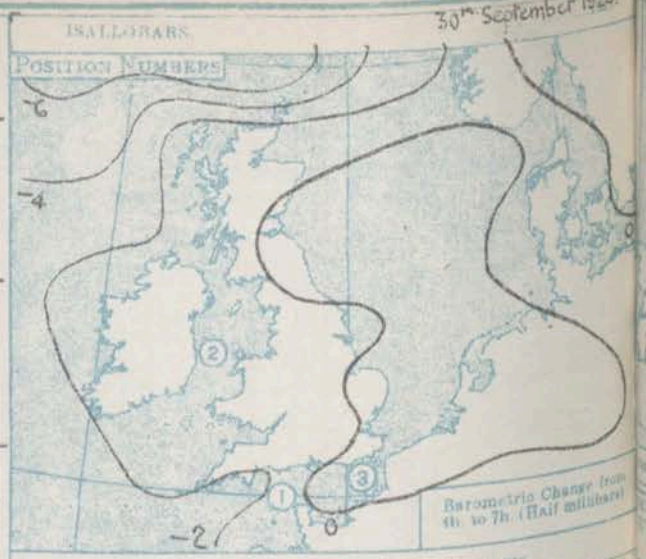
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 29th	WEATHER. 18h.-18h. 29th	WEATHER. 18h. 29th to 1h. 30th	WEATHER. 1h.-7h. 30th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL. Day. 7h.-18h. mm.	RAINFALL. Night. 18h.-7h. mm.	RAINFALL. Precipitation began.	RAINFALL. Precipitation began.	SUN. 29th Hours.
Lerwick	cpr	o	omr	omr	54	49	•	0.2	13	<0800	<2100	5.4
Stornoway	c	p	p	o	55	50	•	2	4	-	-	1.5
Wick	b-bc	oir	orro	o	55	51	•	0.4	4	1430	<2100	•
Castlebay	omrr	rro	op	opo	53	52	•	7	0.1	-	-	0.0
Nairn	bccg	bcrgc	cirg	cbcg	59	52	•	3	1	15.30	<2100	2.4
Aberdeen	bbcc	oirm	rpb	bw	63	49	43	1	Trace	13.30	<2100	5.4
Malin Head	omdcd	dodco	cobcv	bcv	63	58	•	1	-	<0800	-	0.0
Renfrew	ododo	ofmdd	ombcb		59	57	50	1	Trace	1100	-	0.0
Edinburgh (Inchkeith)	p mm	ihmido	mmc	bc	57	53	53	1	Trace	1930	<2100	0.0
Leuchars	bcbom	odm	omcbc	bcbw	59	54	47	0.1	Trace	15.30	-	1.5
Eskdalemuir	ododfe	ofcod	ofeid	ofeid	57	53	53	2	1	0900	<2100	0.0
Tynemouth	ow	om	obcm	bbc	60	51	52	-	-	-	-	•
Blacksod Point	r-d	c	r:d	r:d	61	51	•	1	0.3	-	-	•
Donaghadee	c	bc	b	bcw	63	54	•	-	0.2	-	-	•
Birr Castle	orro	cobc	bcbr	bc	71	53	50	0.3	Trace	<0800	-	3.9
Holyhead	odomo	ovcv	cbffe	ffe	61	55	55	1	0.4	<0800	-	0.8
Liverpool (Bidston)	odmc	cb	bbc	bm	63	55	49	-	-	-	-	0.6
Chester (Shotwick)	domoo	ooc	cbcb	bwm	72	53	46	Trace	-	<0800	-	0.5
Spurn Head	mmo	oo	c	ocbw	65	54	•	-	-	-	-	0.3
Birmingham (Edgbaston)	cbco	oro	ocbc	bcofe	71	54	51	Trace	0.2	1530	-	0.4
Nottingham	odo	b	ocb	bbcmw	72	55	48	Trace	-	12.30	-	1.8
Cranwell	c	co	bbc	bbc	72	54	46	-	-	-	-	2.4
Gorleston	bfbm	bmcom	o	ce	71	59	58	-	-	-	-	6.5
Valencia (Cahirciveen)	oc	bbcb	b	b	65	55	49	-	-	-	-	3.3
Roches Point	of	ofe	ofd	ofer:d	57	54	•	Trace	0.6	-	<2100	•
Pembroke (St. Ann's H.)	offo	off	offo	offe	60	56	•	-	0.2	-	<2100	0.0
Ross-on-Wye	cbco	oco	comcmw	omw	71	53	53	-	-	-	-	1.5
Benson	o	o	o	o	73	62	•	-	-	-	-	•
Andover	cmo	oo	oom	omoff	72	60	55	-	Trace	-	-	0.4
S. Farnborough	o	oco	o	o	77	62	58	-	-	-	-	1.2
London (Kew Obsy.)	omo	ooim	omomw	omwow	72	64	61	-	Trace	-	-	0.0
Croydon	omc	om	om	om	73	63	62	-	-	-	-	0.3
Clacton-on-Sea	ogam	cm	cm	cgm	64	60	54	-	-	-	-	0.9
Shoeburyness	om	om	om	om	70	59	50	-	-	-	-	1.3
Grain	cbom	ozcom	ocom	omcm	72	59	53	-	-	-	-	1.9
Lympne	ombc	ocom	om	omfe	70	57	51	-	0.1	-	-	6.0
Scilly (St. Mary's)	obcif	bcif	offe	offe	65	54	•	-	0.2	-	-	5.0
Falmouth (Pendennis)	ffofb	fbffb	fbffb	ffo	61	56	•	-	-	-	-	0.3
Plymouth (Cattewater)	offe	cmbc	cof	omec	66	57	45	Trace	Trace	<0800	<2100	0.9
Portland Bill	~~co rd~~	c	c	c	66	60	•	-	-	-	-	
Southampton (Calshot)	c	oo	cmv	om	71	57	52	-	-	-	-	3.4
Dungeness	c	mf	o	F	65	59	•	-	-	-	-	
Jersey	omcb	b	bw	bwoFF	71	60	•	-	-	-	-	5.4
Guernsey	mmc	mbwb	bw	mbw	68	60	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Sunshine
2	29th 10h	Anglia	SSW	4	cd	60	54	5.4
1	29th 12h	Ibex	NNW	1	bc+	60	60	-
3	30th 3h	Dieppe	-	0	b	60		

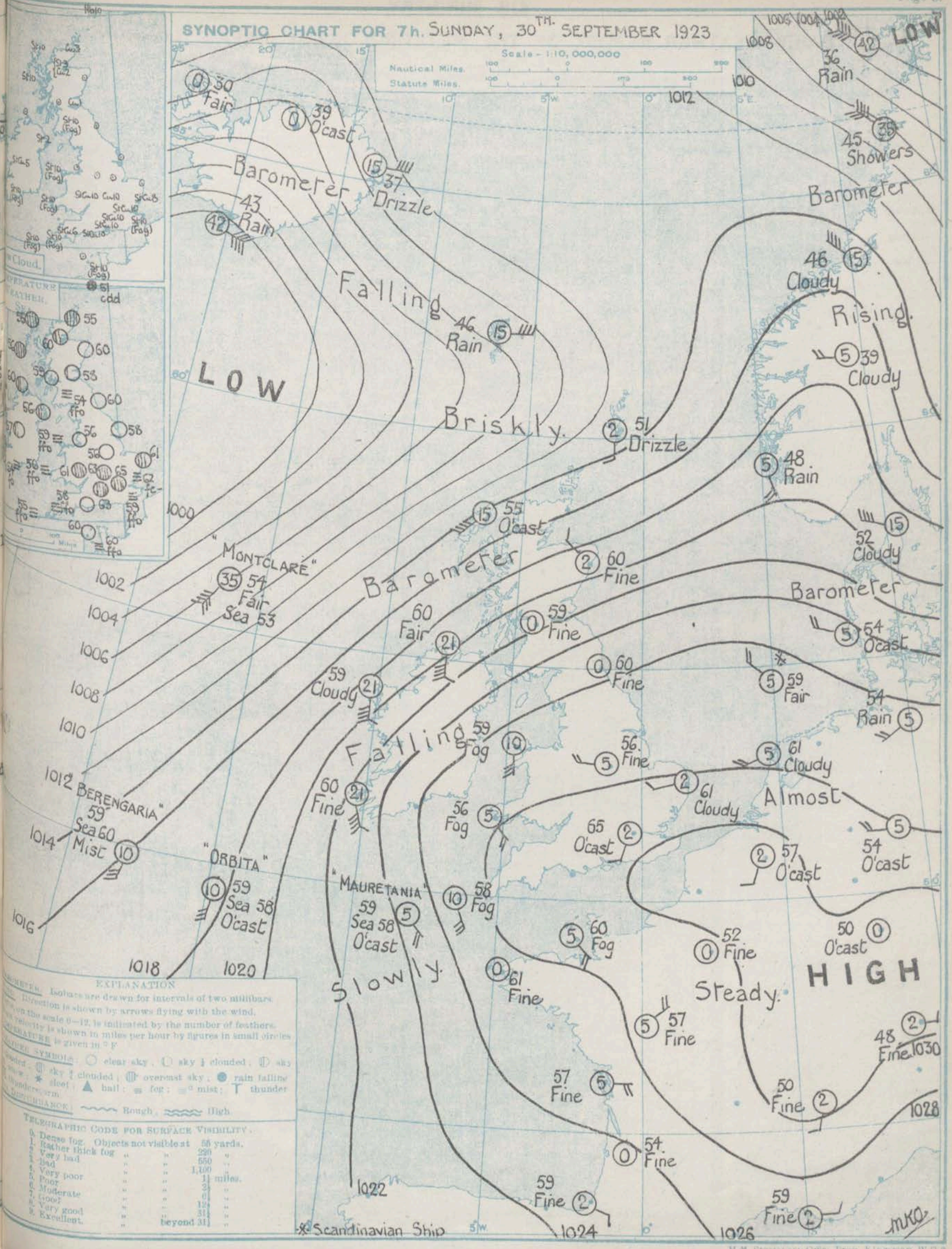
GENERAL INFERENCE.

The Continental anticyclone will maintain fair, quiet, warm weather in the South with mist or fog at times. In the North, a depression approaching Iceland will cause strong southwesterly winds with occasional rain or drizzle.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 30th September, 1923.	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 between S. and W.; fair; mist or fog at times; warm.	Mainly fair and warm in England; uncertain elsewhere.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light or moderate southwesterly winds; mainly fair; some mist; warm.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Fresh or strong southwesterly winds; cloudy, occasional rain or drizzle; some mist; warm.	
19. S.E. Ireland 20. S.W. Ireland	Light or moderate southerly winds; fair; some mist; warm	

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

* For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Sunday, 30th September 1923. No. 273.

Observations at 0100 G.M.T. 30th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1013.3	-2	-	0	o5f	47	94	6	4000	CuNb	10	-	10
Stornoway	51	1016.4	-3	SSW	4	PR	•	•	5	•	•	•	•	•
Wick	81	1016.6	-5	SSW	3	c	59	92	8	4000	StCu	8	-	8
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1021.6	-2	SSW	4	b	61	92	9	-	-	0	ACu	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1022.6	-2	WSW	3	c/f	61	85	8	-	-	0	ACu	4
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1025.4	-1	SSE	1	b-	60	92	4	-	-	0	-	0
Blacksod Point	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1024.8	-1	SSW	3	F0+	56	94	1	<150	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1028.6	0	WSW	2	0	60	94	6	4000	StCu	9	-	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1028.8	0	-	0	b	59	94	6	4000	StCu	1	ASt	2
Gorleston	13	1029.0	0	W'S	2	0	65	92	6	4000	StCu	10	-	10
Valencia (Cahirciveen)	30	1025.2	-2	E'S	3	bc+	58	92	4	-	St	4	-	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1029.1	-1	E	2	ffo	60	94	2	<150	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	136	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	64	•	•	•	•	•	•	•
Croydon	244	1030.0	-1	S'W	2	0	64	94	5	4000	StCu	10	-	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1030.3	0	SW	1	0	60	94	6	2500	StCu	10	-	10
Scilly (St. Mary's)	131	1028.5	-3	SE	3	ffo	56	94	2	1500	St	10	-	10
Falmouth (Pendennis)	200	1029.6	-1	E	1	Ffo	58	94	1	220	St	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1030.1	-2	-	0	o+	61	92	4	4000	StCu	10	-	10
Southampton (Calshot)	12	1030.8	-1	-	0	b-	59	94	6	2500	StCu	1	-	1
Dungeness	21	1030.4	0	-	0	0	60	94	4	4000	StCu	10	-	10
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1029.8	-2	SE	2	b	62	92	8	-	-	0	-	0

Observations at 0700 G.M.T. 30th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1013.5	-6	S	1	odd	51	94	5	2500	Nb	10	-	10	0
Stornoway	1014.4	-1	SW	4	0	55	92	7	800	St	10	-	10	3
Wick	1014.7	-2	SW	3	0	58	85	8	5000	Cu	3	Cu	9	0
Castlebay	1017.6	-1	SW	4	0	56	92	7	1500	St	10	-	10	4
Nairn	1016.2	•	WSW	3	bc/r	60	85	8	1500	St	5	-	5	•
Aberdeen	1019.0	-1	NW	1	b	60	94	7	-	-	0	-	0	0
Malin Head	1018.8	-2	S	5	bc+	60	92	9	-	-	0	CiCu	4	0
Renfrew	1023.0	-1	-	0	b	59	85	7	-	-	0	ACu	1	•
Edinburgh (Inchkeith)	1021.5	0	WSW	4	b-	58	92	8	-	Cu	1	-	1	2
Leuchars	1020.9	+1	SW	3	b	60	85	7	-	-	0	-	0	•
Eskdalemuir	1024.8	0	S'W	4	FF0	54	94	1	<150	St	10	-	10	•
Tynemouth	1024.4	0	-	0	b	60	85	7	-	-	0	-	0	0
Blacksod Point	1018.4	0	S	5	bc-	59	85	9	-	-	-	-	6	5
Donaghadee	1025.3	0	SW	1	bc+	56	92	8	220	St	2	CiCu	5	5
Birr Castle	1024.0	•	S	1	bc-	54	94	6	4000	StCu	5	-	10	•
Holyhead	1026.1	-1	S	3	ffo	59	94	3	<150	St	10	-	0	1
Liverpool (Bidston)	1026.6	-1	SSE	1	b	56	92	6	-	-	0	-	0	•
Chester (Shotwick)	1026.9	-2	SE'S	2	b	55	94	6	-	-	0			
Spurn Head	1027.2	-1	SW	3	b	58	94	7	-	-	0	-	0	0
Birmingham (Edgbaston)	1028.6	-1	S	2	Fb-	59	94	7	-	-	0	-	0	•
Nottingham	1027.8	-1	W	2	b	56	94	4	-	-	0	-	0	•
Cranwell	1027.9	0	-	0	b	60	92	6	-	-	0	-	0	•
Gorleston	1028.0	0	W'S	1	c-	61	94	6	-	-	0	ACu	4	0
Valencia (Cahirciveen)	1022.2	-2	SSE	5	b	60	95	9	-	-	0	CiSt	1	3
Roches Point	1026.1	-1	SE	1	fo	54	94	2	<150	St	10	-	10	0
Pembroke (St. Ann's H.)	1024.3	-1	SE	2	ffo	56	94	2	<150	St	10	-	10	3
Ross-on-Wye	1028.1	-1	SSW	1	3/f	61	94	6	2500	StCu	10	-	10	•
Benson	1028.6	-1	SW	1	0	63	94	8	-	Cu	10	-		•
Andover	1029.6	0	-	0	ffo	60	94	2	<150	St	10	-	10	•
S. Farnborough	1029.3	-1	-	0	0	63	94	4	2500	StCu	10	-	10	•
London (Kew Obsy.)	1029.4	0	SSW	1	0	65	92	8	2500	StCu	10	-	10	•
Croydon	1029.5	0	S'W	2	0	63	94	6	4000	StCu	10	-		
Clacton-on-Sea	1029.3	0	-	0	fc-	62	94	3	5000	StCu	8	-	8	0
Shoeburyness	1029.3	0	-	0	mc-	64	92	4	-	-	0	ACu	8	•
Grain	1029.5	-2	-	0	c-	63	92	5	2500	StCu	8	-	8	0
Lympne	1029.8	0	-	0	FFo	60	94	1	2500	StCu	10	-	10	•
Scilly (St. Mary's)	1024.1	-2	SSE	3	ffo	55	94	2	800	St	10	-	10	7
Falmouth (Pendennis)	1027.9	-1	ESE	1	FFo	58	94	1	<150	St	10	-	10	0
Plymouth (Cattewater)	1028.2	-2	E	3	bc-	61	94	8	2500	StCu	6	-	6	0
Portland Bill	1029.5	-2	NNE	2	o	61	92	7	4000	StCu	10	-	10	0
Southampton (Calshot)	1029.9	-1	ESE	1	mo-	59	94	5	2500	StCu	10	-	10	2
Dungeness	1030.3	0	SW	1	ffo	59	94	2	4500	St	10	-	10	8
Jersey	1028.4	0	SE	2	ffo	60	94	2	800	St	10	-	0	0
Guernsey	1028.6	0	SSE	1	ffo	60	94	7	-	-	0			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th September

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 28h.-29h. °F.	Temperature. Max. Day. 29th. °F.	Rainfall.† Night 17h.-9h. 28th-29th mm.	Rainfall.† Day 9h.-17h. 29th mm.	Sunshine. Sunrise to 17h. 29th hr.	Sunshine. Sunrise to Sunset. 28th hr.
Montrose	bbc	cd.o	46	60	-	-	3.2	4.3
Berwick-on-Tweed	cogog	bccog	51	59	-	-	0.0	6.6
Llandudno	o	c	51	69	1	-	1.0	4.4
Colwyn Bay								
Rhyl	bc	bc	50	71	-	-	1.1	3.4
Southport	wadro	ocbcc	51	67	-	0.3	2.3	5.6
Blackpool	od	co	50	68	1	0.3	1.0	5.7
Ilkley	ombc	becm	47	66	-	-	1.5	3.0
Harrogate	obc	c	48	67	-	-	3.6	2.9
Skegness	c	co	49	67	-	-	2.5	8.2
Aberystwyth	roc	o	57	64	2	-	0.2	0.0
Bath	mgoc	cbcc	59	75	0.3	-	2.5	0.0
Leamington Spa	o	cb	54	72	-	-	0.5	2.7
Lowestoft	bccb	bbco	49	70	-	-	6.3	6.3
Felixstowe	ofbc	bcog	54	69	0.2	-	1.6	4.5
Southend	co	co	53	69	-	-	1.5	5.2
Ilfracombe	oo	df	59	66	2	-	0.6	7.2
Bude	ddd	cbcc	57	66	4	3	0.1	7.0
Paignton	ombce	bom	59	66	-	-	2.1	6.6
Torquay	mcmc	comc	60	67	-	-	2.1	7.3
Weymouth	bbc	co	60	76	-	-	4.7	9.9
Bournemouth	c	c	58	71	-	-	0.2	8.4
Portsmouth (S'thsea)	oc	bcoc	60	73	-	-	1.2	8.9
Littlehampton	bc	bc	57	69	-	-	2.6	8.3
Worthing	bbc	co	59	68	-	-	4.4	7.5
Brighton	ocb	bcco	60	66	-	-	7.2	5.1
Eastbourne	obc	bo	60	71	-	-	7.8	
Hastings	cooc	bco	59	69	-	-	3.5	7.0
Folkestone	bc	m	55	66	-	-	6.1	7.4
Dover	bczb	bccfe	54	64	-	-	6.0	6.7
Tunbridge Wells	oc	co	57	74	-	-	1.3	7.0
Ramsgate	cbco	o	52	7	-	-	0.9	6.4
Margate	obcc	oo	57	68	-	-	1.1	5.7
Deal	obc	bbccz	54	70	-	-	2.5	

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‡ Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0.1 mm. ‡ For code see page 3. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, September, 1923.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Holyhead	13hr Bar 1009.7 mb
	Croydon	" State of ground 0
	Chester	18hr Cloud StCu 7 Ci 9
	Birmingham	18hr Weather bcjp
	Benson	" Cloud CuS Weather bc
	Wick	1hr Weather c
	Blacksod Pt	7- Temp 51°
	Benson	7hr Bar 1014.1 mb
	Scilly	- Weather b
	Holyhead	Past Weather 18hr-1hr c.bc2c2pb
	Chester	- - - o.bc. o1om
	Cranwell	- - 13hr-18hr cprh.b.
	Benson	- - 7-13hr bcl cp.
2nd	Portland Bill	- - 1-7hr bc
	Lerwick	13hr Weather om
	Gorleston	13hr Temp 62°
	Scilly	- Weather b
	Stornoway	18hr Wind N
	Lerwick	18hr Weather om
	Edinburgh	" - o1o.
	Holyhead	- Weather b Vis: 8
	Liverpool	18hr - c/r Temp 55°
	Scilly	- b
	Benson	18hr Barchange 0
	Clacton-on-Sea	" Weather c
	Cranwell	1hr Wind force 3
	Blacksod Pt	7hr - NW 2
	Chester	- Hum 85% Vis 8.
	Gorleston	- Temp 48°
	Aberdeen	Time of rain 0230
	Cranwell	Past Weather 7-13hr b.bcp.2cp
	Valencia	Max 58° Min 44°
	Andover	Past Weather cm.c.bc
	Clacton-on-Sea	Rain day nil.
3rd	Dungeness	- - nil.
	Spurn Head	13hr Wind NW.
	Cranwell	13- Weather bcpr. Cloud StCu 6
	Grain	18hr Temp 56°
	Nairn	7hr Bar 1023.2 mb
	Blacksod Pt	7" - 1022.0 -
	Pembroke	7hr Hum: 92%
	Falmouth	" Temp 48°
	Calshot	7hr Hum 85% Vis 6
	Berwick-on-Tweed	Max 54°
	Stornoway	Min 34°
	Castlebay	" 51°
	Andover	Past Weather 7-13hr c.o.bcy
4th	Shoeburyness	Sunshine 10.1 hrs
	Renfrew	13hr Temp 57° Cloud StCu 2 AcSt 10
	Andover	13hr Cloud Cu 7 - 7.
	"	" Weather Ct
	Plymouth	13hr Cloud height 5700'
	Jersey	13- " aCu 1 Weather b
	Regents Park	Sun 7.0 hrs
	Stornoway	18hr Wind SW 5
	Blacksod Pt	18- - NW
	Stornoway	1hr Wind SW
	Holyhead	7hr Weather o/r
	Scilly	7- - omr
	Wick	Sun for 2nd 5.7 hrs
	Renfrew	Past Weather 18-1hr oRR Sun 1.2
	Blacksod Pt	Rain day 11 mm
	Donaghadee	Min 49°
	Birmingham	Past Weather 18-1hr c.or.o 1-7hr bcc
	Falmouth	Night rain 3 mm
5th	Chester	Past Weather 7-13hr bmbc.cv.
	Edinburgh	13hr Wind W.
	Chester	" Cloud StCu 5 Ci Cu 7
	Spurn Hd	13hr Wind NW 4
	Pembroke	13hr Hum 65%
	Donaghadee	18- Wind W.
	Birmingham	" Cloud aCu 9
	Lerwick	7hr Weather o Cloud StCu 2 AcSt 9
	Buda	Night rain 3 mm
	Kew	Grass Min 37°
	Falmouth	Rain day 1mm.
	Plymouth	Grass Min 32
	Clacton-on-Sea	Min 47°
6th	Lerwick	Rain day 1mm.
	"	13hr Weather o
	Wick	" " o
	Gorleston	1hr Temp 51°
	Castlebay	7- Weather odsdo
	Ilfracombe	o.c.o. o.c.o. 57. 59. " - 4.6 4.6
	Southport	Sunshine for 4th 6.3 hrs.

Report for	STATION.	CORRECTION.
6th	Aberdeen	Max 64°
	Renfrew	Past Weather 18-1hr odsdd
	Blacksod Pt	Max 65°
	Chester	Past Weather 1-7hr o.bcwm bc
	"	- - 7-13hr ooc bcq.
7th	Pembroke	13hr W'S 3
	Nairn	18- Cloud StCu 7.
	Renfrew	18hr Temp 58°
	Gorleston	18- Wind SSE
	Pembroke	18hr " W'S 4
	"	1hr " WSW 5
	Falmouth	1- " W 2 Cloud StCu 10
	Blacksod Pt	7hr Bar 1025.6 mb
	Portland Bill	7- " 1025.9 "
	Colwyn Bay	Min 53
	Donaghadee	Day rain 0.1 mm.
	Spurn Hd	Min 56°
	Andover	Past Weather 18-1hr b
	Croydon	50° Min. Grass Min 46°
	Grain	Past Weather bz.b.bw. 18-1hr
	Jersey	Sunshine 3.8 hrs.
8th	Lerwick	13hr Weather b
	Croydon	13- Vis 7
	Lerwick	18hr Present Weather aPR.
	Malin Hd	Bar change +1
	Gorleston	Wind NW 3
	Scilly	18hr Temp 58°
	Lerwick	7" Cloud height 5700'
	Stornoway	7hr Wind WSW.
	Lowestoft	Max 68°
	Cranwell	Past Weather 7-13hr c.opo.c.
	Birmingham	Sun: 4.7 hrs.
	Plymouth	Grass Min ?
9th	Lerwick	13hr Cloud height 5700'
	Donaghadee	13- " " 2500'
	Falmouth	13hr " " 5700'
	Castlebay	18- Present Weather o.r.r.
	Gorleston	18hr Bar 1025.5 mb.
	Jersey	18- " 1024.2 "
	Malin Hd	7hr Cloud height 2500'
	Eskdalemuir	7- Wind force 4.
	Liverpool	7hr Weather bm.
	Southport	Max 63°
	Roches Pt	Weather 13-18hr b.
	Lympne	Max 63°
	Stornoway	Rain day 3 mm.
10th	Chester	13hr Bar 1017.5 mb.
	Plymouth	13- Bar change -1
	Nairn	18hr Wind W.3. Cloud 1500 St 7-7
	Renfrew	18- Weather bc/r Cloud StCu 3 AcCu 4
	Ross-on-Wye	18hr Bar 1017.5 mb
	Clacton-on-Sea	18- Wind SSE 3
	Pembroke	1hr Weather od.
	Lerwick	7hr Weather bc
	Blacksod Pt	7- Temp 51°
	Jersey	7hr Hum 92%
11th	Renfrew	Past Weather 1-7hr bcdo.c.
	Birmingham	13hr Vis 6
	Grain	13- Weather bc- Cloud CuS 5
	Blacksod Pt	18hr " bc - CuS 5
	Birr Castle	18- Cloud height 2500'
	Benson	18hr Bar change +2
	Lympne	18- Wind ENE 2
	Tynemouth	7hr " SW 1
	Lympne	7- Cloud 5700 StCu 7 Ci St 10
	Lerwick	Rain day 2 mm.
	Castlebay	" night Trace.
	Donaghadee	Min: 41°
	Liverpool	Grass Min 39°
	Cranwell	Past Weather 7-13hr cm.o.
	Lerwick	Sun: 8.7 hrs.
	Calshot	Min 58°
12th	Castlebay	13hr o.r.o.m.
	Falmouth	13- Wind S.2.
	Castlebay	18hr Weather o.r.o.m.
	Clacton-on-Sea	18hr Hum: 92%
	Chester	7" Hum: 85% Temp 59°
	Pembroke	7hr Bar 1013.3 mb.
	Scilly	7- " 1016.1 -
	Jersey	7hr - 1015.7 -
	Lerwick	Rain 18-7hr 7 mm
	"	" " - 12 -
13th	Holyhead	
	Gorleston	13hr Hum 65%
	S. Bernbord	13- Bar 1013.1 mb
	Croydon	Radio 1hr c. 6. - 60°
	Lerwick	18hr Weather aPR
	Benson	18- Bar 1013.7 mb.

Report for	STATION.	CORRECTION.
13th	Shoeburyness	18hr Wind WSW
	Lympne	1hr Wind NE 1
	Calshot	1" Temp 53°
	Weymouth	b. b 47. 49 - - 10.2 10.1
	Birr Castle	Min 52° Grass Min 45°
	Holyhead	Past Weather 13-18hr o1rpr
	Roches Pt	Max 64
	Grain	" 74 Min 48° Grass Min 42°
		Sun 12.2 hrs
	Lympne	Grass Min 37°
14th	Nottingham	13hr Cloud StCu 9 aCu 10
	Leuchars	18- Temp 53
	Birr Castle	18hr Weather o.r.r.
	Scilly	18" - om
	Pembroke	1hr Wind S.6.
	Castlebay	7" - SSW.
	Malin Hd	7hr Weather b Cloud CuN 1 Ci 3
	Tynemouth	7hr Bar 998.5
	Chester	7- Bar change +2
	Pembroke	7hr Sea 4
	Leuchars	Past Weather 13-18hr o.r.o.m.
	Donaghadee	Rain day 0.3 mm.
15th	Lerwick	13hr Wind SSE 3
	Croydon	Radio 7hr C_1C_2 6 - 25°
	Roches Pt	18hr Hum 75%
	Gorleston	18" Bar 1003.2 mb.
	Croydon	1hr Cloud Nb 8 aSt 10.
	Falmouth	1- Bar 1003.3 mb.
	Blacksod Pt	7hr " 1003.6 "
	Donaghadee	7- Wind WSW 1.
	Birmingham	7hr Hum: 85%
	Gorleston	7- Weather o.r. Hum 91%
	Calshot	7hr Hum 92% Vis 8
	Lerwick	Sun 3.6 hrs.
	Birmingham	" 0.2 "
	Cranwell	Time of rain 0930
	Andover	Sun 1.0 hrs
	Croydon	- 4.7 "
	Plymouth	- 1.7 -
	Portland Bill	Max 63°
	Jersey	" 67°
16th	Spurn Head	13hr Bar 1001.0 mb
	Falmouth	13- Weather bcp
	Calshot	State of ground 2
	Blacksod Pt	18hr Wind NNW
	Holyhead	18" Wind WNW 4
	Nottingham	18" Weather o-
	Roches Pt	18hr " c Cloud CuNb 1 Ci St 9
	Malin Hd	1hr Weather bc/r Cloud Nb 6
	Nairn	Night rain 1 mm.
	Aberdeen	Sun: 7.3 hrs.
	Holyhead	Past Weather 7-13hr o1rcp
	"	Night rain 1 mm.
	Gorleston	Min 43°
	Lympne	Past Weather 13-18hr bcpr.
17th	Blacksod Pt	13hr Vis 9
	Shoeburyness	13- Bar 1013.8 mb
	Regents Pk	Sun 8.9 hrs.
	Blacksod Pt	18hr Bar 1011.1 mb
	Spurn Hd	18- - 1012.1 -
	Falmouth	1hr Temp 50°
	Donaghadee	7- Cloud St 9 - 9
	Cranwell	7hr Wind S.4.
	Stornoway	Sun 2.1 hrs
	Nairn	Min 36°
	Aberdeen	Sun 4.8 hrs
	Edinburgh	- 10.6 -
	Donaghadee	Min 46°
	Birmingham	Max 57°
	Blacksod Pt	Weather 7-13hr b
	Pembroke	Max 55° Min 52°
	Benson	Min 39°
	Lympne	Max 64°
18th	Stornoway	13hr Hum: 85%
	Tynemouth	13- Temp 53°
	Cranwell	13hr - 59°
	Croydon	13hr State of ground "0"
	Hampstead	Max 60 Min 48 Grass Min 44 Rain - 1
		9hr Hum 77%
	Edinburgh	18- Hum 75%
	Chester	18hr " 75%
	Cranwell	18- Wind S.4.
	Falmouth	18hr Weather omrq.
	Pembroke	1hr " cpq.
	Nairn	7- Cloud St 5 - 5

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, September, 1923.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
18th	Liverpool	7hr Weather ot.
	Birmingham	7" Bar 994.4 mb.
	Lympne	7hr Wind W.N.
	Jersey	7- Bar 1000.7 mb
	Guernsey	7hr " 1000.1 "
	Hastings	Sun: to 17hr 17° 11.0 hrs
	Berwick	Rain night 5 mm.
	Birmingham	Sun 4.2 hrs
	S. Farnboro'	Weather 7-13hr sm.bc
19th	Castlebay	18hr Cloud 2500 Sc4 -4
	Renfrew	18- Bar change r2 Weather g/p
	Leuchars	18hr Cloud Cu1 Ac2 Ci8
	Liverpool	18- Bar 997.6 mb Weather b/p
	Spurn Hd	18hr Weather o
	Rew	Bar change +3 (18hr)
	Spitzy	18hr wind W'N
	Malin Hd	1hr Bar 1001.6 mb
	Falmouth	1- Weather bc
	Nottingham	7hr Wind WSW.
	Eskdalemuir	Max 55°
	Pembroke	Min 51°
	Lympne	Time rain began 20800
	Falmouth	Rain day 1 mm
	S. Farnboro'	Weather 7-13hr c.o r.c. bc
20th	Falmouth	13hr Weather c
	Portland Bill	13- Bar 1013.3 mb
	Malin Hd	18hr Wind W.
	Leuchars	18- Hum: 91%
	Donaghadee	18hr Temp 53°
	Clacton-on-Sea	18- Weather cq
	Renfrew	1hr Weather b/p
	Guernsey	1- Cloud 1500 Nb10 - 10
	Harrogate	Min 45°
	Paignton	o.cq.ec. cq. 42 58 - 1 0.7 4.1
	Leuchars	Weather 13-18hr opr
	Falmouth	Rain night 1mm.
21st	Birmingham	13hr bcjp
	Gorleston	13- Hum 65%
	Roches Pt	13hr Wind W 3.
	Tynemouth	18hr Bar 1003.1 mb.
	Roches Pt	18- Hum: 92%
	Grain	18hr Temp 54°
	Malin Head	18hr Total cloud amount 9
	Falmouth	1- Weather cq
	Portland Bill	1hr Bar change (1) -14
	Clacton-on-Sea	7- Hum: 93%
	Nairn	Sun: 9.4 hrs.
	Renfrew	Weather 13-18hr bcr.c.
	Edinburgh	Rain day 0.5 mm.
	Gorleston	Min 43°
	Andover	Sun 6.5 hrs.
	Scilly	" 6.6 "
	Edinburgh	Rain night 2mm.
	Chester	Weather 1-7hr orrmprq
22nd	Leuchars	13hr Bar 998.8 mb
	Gorleston	13- Hum 97%
	Falmouth	18hr Weather o.
	"	1hr - o.
	Nairn	7- Cloud Cu3 Ast7
	Tynemouth	Rain night 1mm.
	Chester	Weather 13-18hr opr.c. bc.
	Roches Pt	Max 61°
	Croydon	Sun 4.3 hrs.
	Portland Bill	Weather 7-13hr r 1-7hr r.
23rd	Lympne	13hr Bar 1004.3 mb.
	Westminster	Sun 0.1 hrs
	City	- 0.0 -
	Regents Pk	Sun 0.0 hrs
	Hampstead	- 0.2 "
	Blackpool Pt	7hr Wind NW.
	Spurn Hd	" Temp 47°
	Spoolhead	Max 59°
	Chester	Sun 5.1 hrs
	Portland Bill	Weather 1-7hr bc
24th	Wick	13hr Wind NNE
	Birr Castle	18- - NW 3
	Birmingham	18hr Bar 997.4 mb.
	Lympne	1hr Hum: 97%
	Falmouth	7hr Weather b
	Ramsgate	b.r.bc. bcr bc ns ? .. 52 o
	Nairn	Past Weather 18-1hr oirg.
	Eskdalemuir	Max 54°
	Birr Castle	" 54°
	Holyhead	Past Weather 18-1hr cp.o.
	Birmingham	- - - - o+ Rc.
25th	Donaghadee	13hr Cloud ns50 St1 c2St4
	Wick	18- Weather t.
25th	Dungeness	18hr Wind WSW 3.
	Falmouth	1- Bar 1000.2 mb
	Calshot	1hr SSE (Wind)
	Selsey Bill	b. bbc. 47. 62. - - 8.9 6.0
	Leuchars	Grass Min 28°
	Holyhead	Min 51°
	Chester	Weather 1-7hr oRqid.
	Spurn Hd	Max 59° Min 47°
26th	Ross-on-Wye	Weather 7-13hr s.bc.c.o.c.
26	Dungeness	13hr Bar 1008.3 mb
	Croydon	Radio 13hr c1 c2 7 - 80°
	Chester	18hr Hum: 85% Vis 7
	Gorleston	18" Weather ofq
	Gorleston	7hr Bar change +4
	Skegness	Past Weather bc. bc.o
	Edinburgh	Rain day 4 mm
	Spurn Hd	Min 57°
	Clacton-on-Sea	Rain day 0.6 mm.
27th	Castlebay	13hr Bar 1010.8 mb
	Donaghadee	13- " 1015.5 "
	Spurn Head	13hr " 1017.8 mb
	Scilly	13- Temp 59°
	Calshot	13hr Bar 1022.8 mb +2
	Donaghadee	13- Temp 59°
	Falmouth	13- - 57°
	Gorleston	7hr Wind SW'W
	Pembroke	- SSW 5
	Skegness	Past Weather bc. bc.o.
	Deal	o. bc. bc.o. 53. 66 - - 4.9 9.4
	Andover	Weather 18-1hr o.c.o. 1-7hr ofw
28th	Plymouth	Max 61°
	Grain	13hr Temp 66°
	Lympne	1hr WSW 3
	Calshot	1- 64° Temp
	Holyhead	7hr Wind SW'S.
	Plymouth	7- Bar 1025.9 mb.
	Blackpool	op. o. 53. 60. - 1 0.0 2.0
	Chester	Sun 0.3 hrs.
	Andover	Grass Min 40°
	Grain	Grass " 45
	Lympne	" - 41
29th	Tynemouth	13hr Wind NE Temp 64°
	Donaghadee	13- - W 2.
	Croydon	13hr - W'S
	Blackpool Pt	18- Wind S. 3.
	Birmingham	18hr " SW 2.
	Donaghadee	7- Cloud ast 10 Weather mot
	Gorleston	7hr Weather ffb.
	Blackpool	c. bc. 56. 63. 61z. - 5.2 0.0
	Leamington Spa	Sun to 17hr 2.7 hrs.
	Holyhead	Weather 1-7hr oidm.
	Chester	13-18hr Weather. b.
	Croydon	Grass Min 53°
30th	Cranwell	13hr Cloud St4 acu6.
	Blackpool Pt	18- Wind SW.
	Liverpool	18hr Hum: 85%
	Pembroke	18- Weather ffo Vis: 1.
	City	Sunshine 0.0 hrs.
	Westminster	71. 62. 61. 0.1 - - 76% 79%
	Camden Sqre	0.0 73. 61. 60. - - 83%
	Hampstead	Sunshine 0.1 hrs.
	Aberdeen	7hr Temp 50°
	Blackpool.	od c.o. 50. 66 a 1. 0.3 1.0 5.7
	Bath	Sun to 17h 29° 4.4 hrs
	Birmingham	Rain day Trace.
	Portland Bill	Weather 7-13hr c.o.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, September, 1923.

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
24th	Birt Castle	0700	1026.0	*	SSW	1	or	46	92	8	2500	St Cu	9	-	9	*			c.o.	c.opb		44	30		0.1	-	8.2
	"	1300	1023.0	*	SW	1	o-	56	85	8	2500	St Cu	9	-	9	*											
	"	1800	1021.3	*	W	1	c	57	65	7	4000	St Cu	7	-	7	*											
	Roches Pt	0700	1027.1	*	SE	1	b-	44	97	8	4000	St Cu	6	-	6	*	c	c.o	c.o	c.o	62	40	31	-	-	-	6.3
	"	1800	1028.4	0	SW	1	o	56	85	8	5000	St Cu	10	-	10	0											
4th	Castlebay	0700	1028.5	0	SW	3	c-	54	92	8	2500	St Cu	7	Ci	8	0		oo	o.bw	b.o.u	59	49	*	-	trace	-	*
	Birt Castle	1200	1017.1	-3	S	6	orr	54	97	6	800	Nb	10	-	10	*	orr										
	"	1300	1020.9	*	S	2	ot	57	85	7	2500	St Cu	8	-	8	*											
	"	1800	1020.4	*	S	2	o/o6	58	85	6	2500	Nb	9	-	9	*											
5th	Plymouth	0700	1023.2	*	SW	1	c-	49	97	6	4500	St Cu	2	a Cu	7	*	c.o.	c.orb	c.oR	c.o	58	47	39	1	6	-	1.4
6th	Shoeburyness	0700	1024.9	-3	SW	4	ort	55	97	6	-	Nb	10	-	10	3			bc	c.orr	62	-	51	-	4	-	5.6
	Plymouth	1800	1023.6	-	WNW	1	om	57	91	5	1500	St Cu	8	Ci St	10	*		odim						2		-	
7th	Castlebay	0700	1021.5	-1	-	0	b	51	85	7	-	-	0	-	0	0			b	b	63		*	-	-	-	11.9
	"	0700	998.7	0	W	6	br	51	75	6	2500	Cu	2	-	2	6			o	o.bc	55				1	-	0.0
	"	1300	1002.6	+4	W	5	bc	54	65	8	2500	Cu Nb	5	-	5	*											
	"	1800	1007.1	+3	NW	3	bt	52	75	8	4000	Cu	2	-	2	3											
8th	"	0700	1002.6	-4	E	4	•	51	85	8	1500	Cu	10	-	10	4			bc.b	b.opo	57	46	*	Trace	0.5	-	7.9
	"	1300	1000.0	-6	NE	5	orr	48	97	6	800	Nb	10	-	10	*											
	Roches Pt	1300	996.7	-1	SW	3	o/r	49	92	8	1500	Nb	10	-	10	*	r.Ra brm										
	"	1500	991.1	-9	WSW	4	or-	56	97	6	800	Nb	10	-	10	*											
	"	1800	993.4	+2	WSW	2	o	52	92	8	2500	St Cu	9	-	9	2		r.c.o									
19th	Leuchars	0700	998.6	+3	W	3	bo+	48	92	8	2500	Cu St	5	Ci	4	1			cp.	b.bc.	56	46	*	30	0.6	<0800 2100	*
20th	Liverpool	0700	991.5	0	SW	2	o	46	97	8	-	-	0	Ci St	10	*			ob	orr.o		44	37		2	<2100	0.0
	"	0700	1000.6	-3	WSW	5	bc/r	48	85	8	4000	Cu	2	Ci St	3	6				o	56	48	46		3	<2100	5.9
21st	"	1800	1004.6	-2	SW	3	o/r	52	85	7	2500	St Cu	10	-	10	4			p	o.cpq	55	46	42	1	1	0900 2300	0.7
	"	0700	1002.9	0	WSW	6	c/r	49	85	7	4000	St Cu	8	-	8	6											
22nd	"	1800	1006.7	+1	W	5	o/r	52	85	8	2500	Cu Nb	10	-	10	6		c.cq		r.w.a	56	45	46	2	9	<0800 2400	3.1
	"	0700	995.7	-1	WSW	5	ok	51	92	5	1500	Cu Nb	10	-	10	6											
23rd	Shoeburyness	1800	1004.6	+4	W	5	bc/r	52	65	8	2500	Cu	6	-	6	6		o.bc.						3		<0800	
24	Roches Pt	1800	1005.6	+9	NW	1	b	53	75	7	4000	Cu	1	a Cu	3	*											
	"	0700	995.1	+7	NW	5	bc	50	92	8	4000	Cu Nb	5	-	5	3			c.bc	c.bc	57	49			-	-	*
	"	1300	1000.3	+4	NW	5	bc	55	85	9	4000	Cu Nb	5	-	5	*	cp.bc										
	"	1800	1004.9	+6	NW	4	b	52	92	8	2500	St Cu	3	-	3	3		bc									
25th	Castlebay	0700	1006.5	0	S	3	o	53	97	8	2500	St Cu	10	-	10	3			b.o.	bw.	56	42	*	1	trace	1230	*
	"	1300	1003.7	-1	ESE	3	bc	52	75	8	2500	St Cu	4	-	4	*											
	"	1800	999.4	-5	E	5	o/p	53	85	8	1500	St	10	-	10	4											
26th	Roches Pt	0700	986.8	-1	E	4	o/r	52	92	7	1500	Nb	10	-	10	5	b.bc	bcp.o.	orr	r.ra	54	49	*	trace	4	-	6.4
	"	0700	994.6	+4	WSW	6	oR	51	97	6	1500	Nb	10	-	10	7			bc.o.or	r.bc	56	51	*		8	0430	*
	"	1300	1019.5	0	SW	3	o	56	97	7	800	St	10	-	10	*											
	"	1800	1019.5	0	SW	4	o	55	97	6	800	St	10	-	10	6											
29th	Leuchars	0700	1022.6	+3	NNW	1	o	54	97	7	2500	St	10	-	10	0	om.o	om	adim	o	57	54	*	-	1	-	*
2nd	Plymouth	1800	1022.2	+4	SW	3	ot	55	75	8	-	-	0	a St	9	*		bc cy			63			-		-	
		0700	1024.4	+3	-	0	c/r	47	92	8	1500	St	8	-	8	0			b.bcp	bc.cp	60	45	34	0.5	0.4	<0800	9.8

‡ The barometric change is expressed in half millibars.