M.O FORM 2373

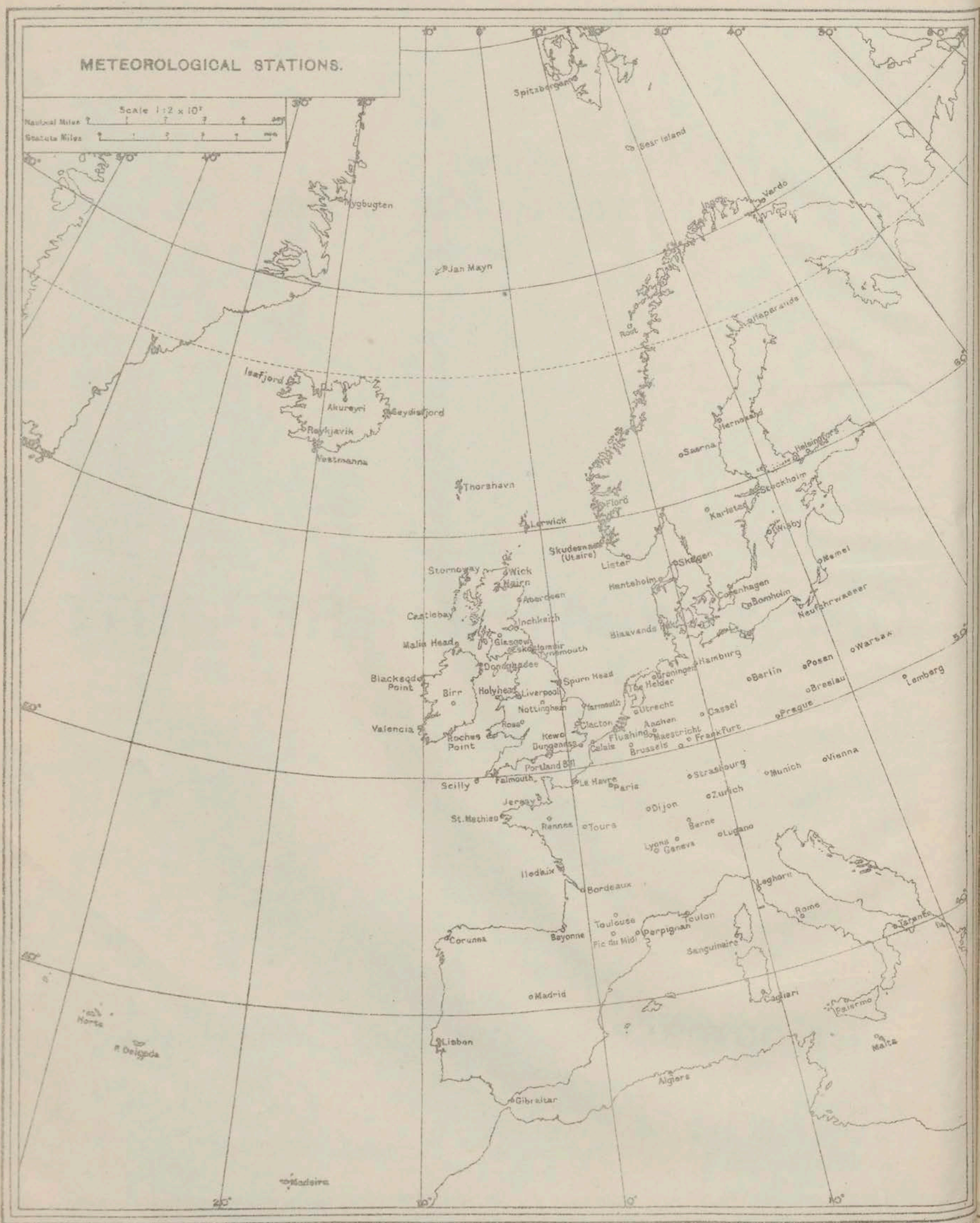
AIR MINISTRY.

METEOROLOGICAL OFFICE.

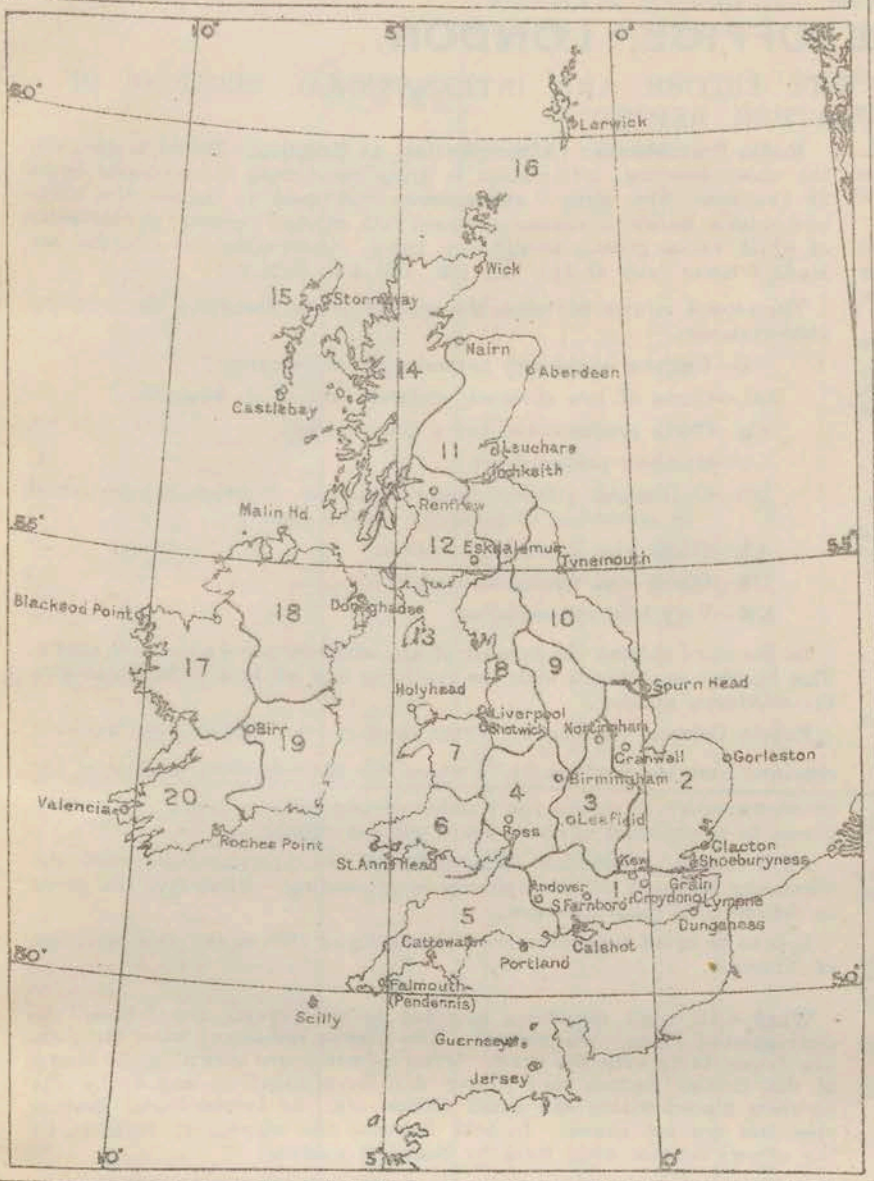
LONDON.

DAILY WEATHER REPORTS

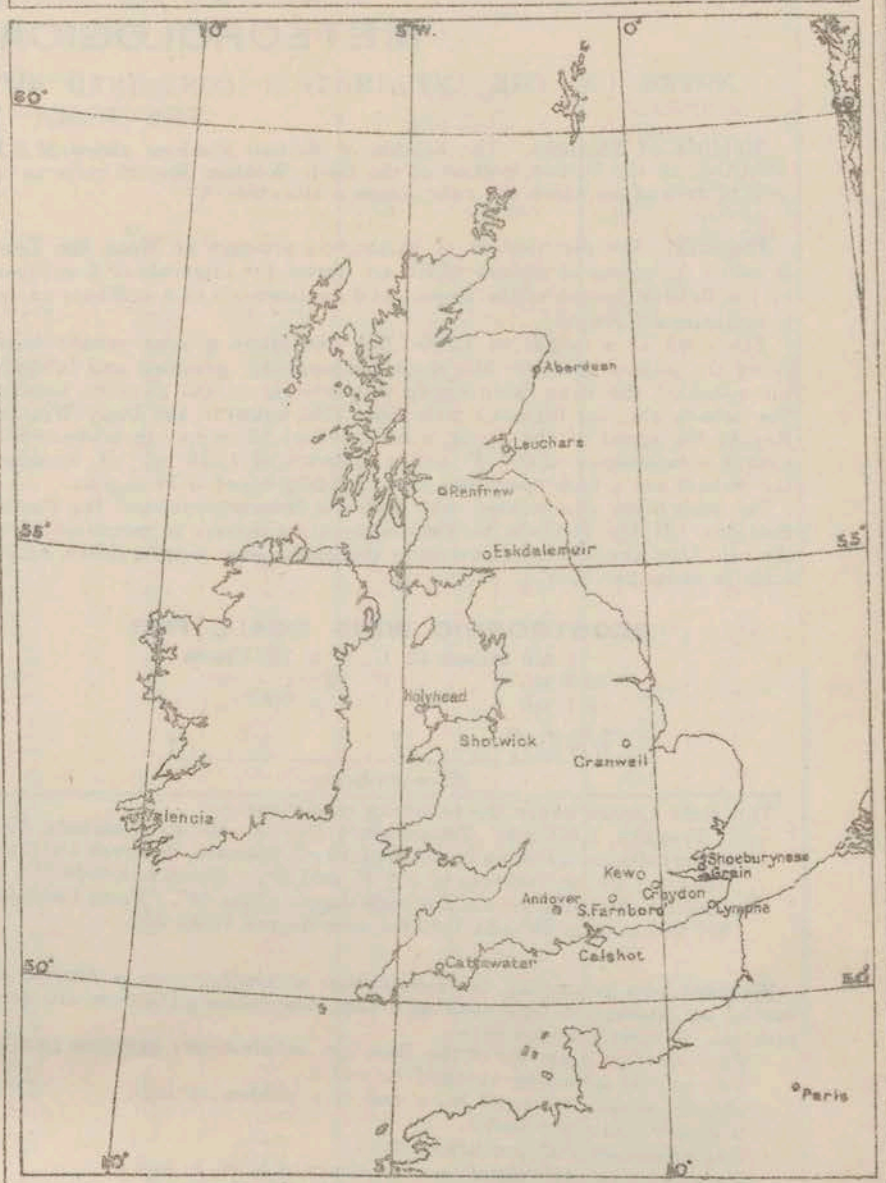
1ST. OCTOBER TO 31ST. DECEMBER, 1923.

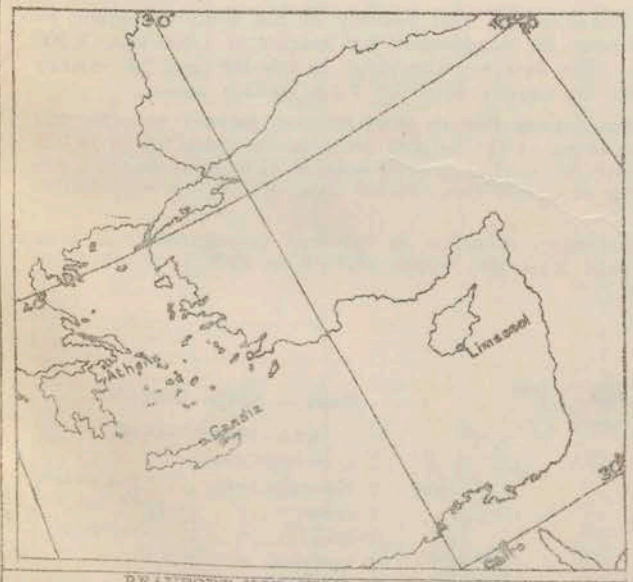

METEOROLOGICAL STATIONS.
Scale 1:2 x 10⁷
Nautical Miles
Statute Miles
Spitzbergen
Cape Sesr Island
Vardo
Mygbugten
Jan Mayn
Röst
Grisparaiden
Isafjord
Akureyri
Seydisfjord
Reykjavik
Vestmanna
Thorshavn
Vernoesund
Helsingfors
Saarna
Stockholm
Karlstad
Wisby
Lerwick
Florö
Skudesnaes (Utsire)
Lister
Skagen
Kamel
Stornoway
Wick
Nairn
Aberdeen
Hanteholm
Copenhagen
Bornholm
Neufahrwasser
Castlebay
Inchkeith
Malin Head
Glasgow
Skeldomir
Tynemouth
Donaghadee
Blaavands
Hamburg
Warsaw
Posen
Berlin
Lemberg
Blackcodo Point
Spurn Head
Groningen
Helder
Birr
Holyhead
Liverpool
Breslau
Nottingham
Harmouth
Utrecht
Cassel
Prague
Valencia
Roches Point
Rose
Clacton
Aachen
Flushing
Maestricht
Frankfurt
Kewo
Dungeness
Calais
Brussels
Portland Bill
Falmouth
Scilly
Le Havre
Paris
Strasbourg
Munich
Vienna
Jersey
Zurich
St. Mathieu
Rennes
Tours
Dijon
Berne
Lugano
Lyons
Geneva
Ile d'Aix
Bordeaux
Leghorn
Rome
Toulouse
Toulon
Tarento
Corunna
Bayonne
Pic du Midi
Perpignan
Sanguinaire
Madrid
Cagliari
Palermo
Horta
P. Delgada
Lisbon
Malta
Algiers
Gibraltar
Madeira

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).
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.

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.

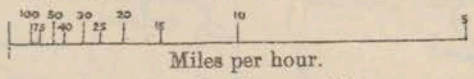
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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

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

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

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

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

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

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

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

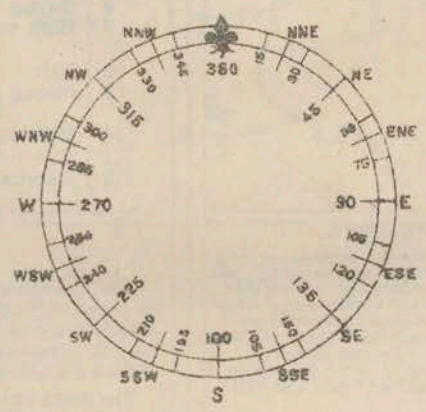
It is to be noted that there is an ambiguity of 180° in the determination of direction.

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

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

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

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



Note.—Ships' Reports.

SEA DISTURBANCE.

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

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

DAILY WEATHER REPORT. APPENDIX I.

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

FOURTH QUARTER, OCTOBER TO DECEMBER.

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

	STATIONS.	PRESSURE 1906–1915.	AIR TEMPERATURE.							RAINFALL 1881–1915.			BRIGHT SUNSHINE. 1881–1915.	
			Means of			Absolute Extremes. 1881–1915.								
			1906–1915.	1881–1915.		Maximum.		Minimum.						
		7 a.m. Observations (reduced to M.S. Level).	Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.		Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr.	%
OCTOBER.	Lerwick	1011·2	47·3	50·1	42·3	63	1908	28	1887	24	100	3·95	—	—
	Stornoway	1010·0	47·1	52·2	41·2	70	1898	27	1892	23	132	5·18	2·77	28
	Castlebay (Barra Isd.)	[1011·6]§	[50·5]§	[53·6]§	[47·7]§	[63]§	[1908]§	[34]§	[1909, 1913]§	[20]§	[86]§	[3·39]§	[2·55]§	[25]§
	Eskdalemuir	[1014·4]¶	[42·4]¶	[51·5]‖	[38·5]‖	[65]‖	[1910]‖	[19]‖	[1911]‖	[15]‖	[100]‖	[3·93]‖	[2·39]‖	[23]‖
	Malin Head	1009·3	49·3	[53·2]*	[45·6]*	[73]*	[1908]*	[32]*	[1892]*	[20]*	[75]*	[2·95]*	—	—
	Blacksod Point	1009·4	51·0	[54·7]*	[46·0]*	[71]*	[1908]*	[29]*	[1905]*	[23]*	[127]*	[4·99]*	—	—
	Valencia	1010·2	51·2	56·4	46·6	71	1908	28	1892	22	142	5·57	3·26	31
	Roche's Point	1011·2	51·0	56·2	46·4	65	1884, 86, 1914, 15	32	1881	19	104	4·09	—	—
	Birr Castle	1010·7	46·8	55·0	40·7	74	1908	22	1905	18	74	2·91	3·16	30
	Donaghadee	1011·3	49·2	54·3	44·3	66	1898	21	1892	18	73	2·88	—	—
	Liverpool (Observatory)	1012·5	47·9	54·1	44·8	73	1908	27	1895	18	83	3·27	[2·81]§	[27]§
	Holyhead	1011·5	51·3	55·1	46·9	75	1908	32	1892	19	101	3·99	[2·87]°°	[28]°°
	Pembroke (St. Ann's Hd.)	1011·4	51·6	55·6	48·1	67	1908	33	1895	19	106	4·19	3·29	31
	Scilly (St. Mary's)	1011·3	53·2	57·5	50·1	69	1895	38	1895, 1896	21	93	3·66	3·81	36
	Falmouth	1012·5	51·0	56·3	47·7	67	1895	33	1895	21	126	4·96	3·74	35
	Jersey (St. Aubin's)	1013·3	53·4	59·0	49·1	76	1908	33	1887	20	116	4·55	4·06	38
	Portland Bill	1012·2	53·8	56·9	48·8	[67]†	[1908]†	[35]†	[1905, 1908]†	17	94	3·68	—	—
	Dungeness	1013·2	52·1	57·4	46·0	70	1886, 1908	23	1890	17	89	3·52	—	—
	Dover	[1015·5]§	[50·7]§	[57·5]§	[46·6]§	[74]§	[1908]§	[30]§	[1909]§	[18]§	[106]§	[4·18]§	[3·81]§	[36]§
	Wick	1011·0	47·0	52·2	41·0	73	1898	22	1885	21	75	2·96	–	—
	Nairn	1010·9	44·2	53·1	39·0	76	1908	19	1896	19	60	2·35	[3·29]ǂ	[33]ǂ
	Aberdeen	1012·2	46·6	52·8	41·7	74	1883	25	1880	20	76	3·00	3·06	30
	Leith	1011·9	47·7	54·8	42·1	75	1908	25	1894	17	61	2·41	—	—
	Tynemouth	1012·6	47·9	54·1	42·4	77	1908	27	1890, 92, 95, 1909	17	76	3·01	—	—
	Spurn Head	1012·8	50·7	54·6	45·9	70	1900	33	1887, 1895	17	61	2·40	[2·68]°°	[26]°°
	Yarmouth	1013·6	50·6	55·2	45·3	74	1900, 1908	27	1895	18	74	2·93	[3·35]§	[32]§
	Clacton-on-Sea	1013·7	51·0	55·7	45·7	[71]‡	[1908]‡	[29]‡	[1905]‡	14	49	1·91	3·61	35
	Nottingham	1013·3	46·6	55·3	41·7	78	1908	20	1890	19	63	2·49	2·68	26
	LONDON (Kew Obsy.)	1013·9	48·5	56·2	43·5	77	1886	25	1881, 1895	17	69	2·70	2·97	28
NOVEMBER.	Lerwick	1005·3	42·3	46·2	38·9	58	1901	24	1912	25	108	4·25	—	—
	Stornoway	1007·2	42·1	47·6	38·0	58	1897, 1901, 02	21	1912	24	148	5·83	1·43	19
	Castlebay (Barra Isd.)	[1007·8]§	[45·4	[48·5]§	[41·6]§	56]§	1914]§	[28]§	1912]§	[24]§	[101]§	[3·96]§	[1·57]§	[20]§
	Eskdalemuir	[1009·4]¶	[37·6]¶	[43·2]‖	[32·1]‖	54]‖	1914]‖	[6]‖	[1912]‖	[20]‖	154]‖	[6·05]‖	2·03]‖	[25]‖
	Malin Head	1008·4	44·6	[48·6]*	[41·7]*	59]*	[1894, 99, 1906]*	[30]*	[1909, 1912]*	[21]*	[83]*	[3·28]*	—	—
	Blacksod Point	1010·3	46·1	[50·2]*	[42·0]*	60]*	[1897, 1899]*	[26]*	[1890]*	[24]*	[132]*	[5·21]*	—	—
	Valencia	1012·4	46·3	52·0	42·9	63	1881	27	1890, 96, 1901	23	139	5·46	2·17	25
	Roche's Point	1013·0	45·5	51·4	42·5	61	1908, 1909	27	1890	19	107	4·20	—	—
	Birr Castle	1011·8	40·6	49·3	36·8	64	1912	17	1909	19	79	3·10	2·13	25
	Donaghadee	1010·4	43·7	49·4	40·1	60	1894, 1909	27	1883	19	77	3·04	—	—
	Liverpool (Observatory)	1011·6	42·5	48·5	40·2	61	1894, 95, 99	25	1901, 05, 15	18	64	2·50	[2·27]§	[27]§
	Holyhead	1011·3	46·3	50·2	42·9	62	1881	29	1915	19	105	4·14	[2·50]°°	[30]°°
	Pembroke (St. Ann's Hd.)	1012·2	46·7	51·1	43·9	60	1911	28	1890	20	97	3·80	2·17	25
	Scilly (St. Mary's)	1013·2	48·7	53·2	46·3	61	1898	29	1890	20	83	3·27	2·50	28
	Falmouth	1013·9	46·1	51·6	43·9	60	1895, 1897	23	1890	20	122	4·80	2·53	29
	Jersey (St. Aubin's)	1014·2	47·9	53·0	44·3	66	1899	16	1890	21	104	4·08	2·53	28
	Portland Bill	1012·7	47·7	51·7	44·3	[61]†	[1900]†	[29]†	[1912]†	14	66	2·58	—	—
	Dungeness	1012·2	44·4	50·7	40·7	63	1899	17	1890	16	70	2·75	—	—
	Dover	[1012·9]§	42· §	[48·9]	[38·6]§	[60]§	[1914]§	[25]§	[1911]§	[16]§	[78]§	[3·07]§	[2·90]§	[33]§
	Wick	1006·6	41·5	46·9	37·0	62	1900	12	1909	20	80	3·14	—	—
	Nairn	1007·5	39·8	46·9	35·4	62	1906	12	1904	19	60	2·36	[1·70]ǂ	[22]ǂ
	Aberdeen	1008·3	40·7	46·8	37·4	62	1883	14	1909	19	75	2·95	1·83	23
	Leith	1009·0	42·0	48·5	38·0	63	1885	18	1885	15	50	1·95	—	—
	Tynemouth	1009·9	41·8	48·4	38·1	62	1894	20	1912	16	54	2·13	—	—
	Spurn Head	1010·4	43·8	48·2	40·8	61	1894, 1895	28	1884	16	47	1·85	[1·90]°°	[23]°°
	Yarmouth	1011·6	43·3	48·5	39·6	60	1895, 98, 99, 1904	23	1890	18	61	2·41	[2·33]§	[27]§
	Clacton-on-Sea	1012·4	43·0	48·5	39·7	[60]‡	[1908]‡	[25]‡	1904]‡	15	47	1·86	2·33	27
	Nottingham	1011·9	40·7	48·4	37·1	63	1895	13	1904	19	48	1·88	1·37	16
	LONDON (Kew Obsy.)	1013·2	41·9	49·1	38·8	52	1881, 94, 95	21	1901	16	56	2·22	1·73	20
DECEMBER.	Lerwick	1000·9	40·4	43·6	36·6	53	1890, 1905	19	1909	27	122	4·79	—	—
	Stornoway	1000·9	40·3	44·4	35·4	55	1898, 1913	16	1912	26	159	6·25	0·74	12
	Castlebay (Barra Isd.)	[1000·5]§	[44·1]§	[46·9]§	[40·1]§	[54]§	[1912]§	[26]§	[1912]§	[26]§	[146]§	[5·74]§	[0·77]§	[12]§
	Eskdalemuir	[1003·9]¶	[36·7]¶	[42·1]‖	[33·0]‖	[52]‖	[1910, 12]‖	[8]‖	[1912]‖	[26]‖	[204]‖	[8·04]‖	[0·74]‖	[11]‖
	Malin Head	1001·6	42·3	[45·7]*	[38·6]*	[55]*	[1900, 04, 13]*	[28]*	[1906, 1909]*	[24]*	[85]*	[3·35]*	—	—
	Blacksod Point	1003·0	44·4	[47·5]*	[39·9]*	[59]*	[1899]*	[25]*	[1906]*	[26]*	[155]*	[6·12]*	—	—
	Valencia	1005·8	45·4	49·8	41·1	57	1884, 88, 99, 1900	24	1886	26	169	6·64	1·32	17
	Roche's Point	1006·9	44·5	48·8	40·4	57	1906	25	1882	23	135	5·32	—	—
	Birr Castle	1005·2	40·5	46·1	35·0	58	1900	10	1882	21	84	3·29	1·39	19
	Donaghadee	1004·4	41·8	45·9	37·2	56	1885, 88, 94, 1909, 12, 13	21	1909	21	81	3·17	—	—
	Liverpool (Observatory)	1006·7	41·2	44·8	36·8	59	1891, 98, 1900	17	1882, 1890	19	67	2·65	[1·39]§	[19]§
	Holyhead	1005·8	44·5	46·9	39·9	56	1888	26	1890, 1902	20	106	4·16	[1·77]°°	[24]°°
	Pembroke (St. Ann's Hd.)	1006·9	45·5	48·1	41·3	57	1899, 1902	19	1890	22	115	4·52	1·35	18
	Scilly (St. Mary's)	1008·6	47·6	50·7	44·0	58	1899, 1900	30	1890	23	111	4·36	1·81	23
	Falmouth	1009·5	45·5	48·8	41·6	57	1899	25	1886, 1890	23	159	6·27	1·77	22
	Jersey (St. Aubin's)	1011·5	46·2	48·8	41·1	59	1898	22	1890	22	105	4·15	1·87	23
	Portland Bill	1009·1	46·5	48·1	41·2	[56]†	[1906, 07, 13]†	[24]†	[1908]†	19	75	2·94	—	—
	Dungeness	1009·5	43·2	46·2	37·1	56	1897, 98, 1900, 07	12	1890	17	70	2·77	—	—
	Dover	[1010·2]§	[42·4]§	[46·7]§	[38·4]§	[54]§	[1912, 14, 15]§	[18]§	[1908]§	[21]§	[105]§	[4·12]§	[1·45]§	[19]§
	Wick	1001·3	39·3	43·6	34·3	58	1906, 1907	10	1906	22	78	3·08	—	—
	Nairn	1001·9	37·4	43·0	32·1	58	1900	8	1912	19	56	2·22	[1·16]ǂ	[18]ǂ
	Aberdeen	1003·3	38·5	42·9	34·2	57	1885, 98, 1906, 10, 12	6	1882	19	82	3·22	1·16	18
	Leith	1003·8	40·5	41·8	35·0	60	1896	6	1882	17	51	2·00	—	—
	Tynemouth	1005·2	40·0	44·3	34·7	59	1898	19	1882, 86, 91, 92, 1908	16	55	2·18	—	—
	Spurn Head	1006·5	40·7	43·6	36·4	56	1898, 1912	19	1891	16	51	1·99	[1·32]°°	[18]°°
	Yarmouth	1008·6	40·6	43·6	35·2	60	1901	18	1899, 1906	18	62	2·44	[1·23]§	[16]§
	Clacton-on-Sea	1009·6	40·8	43·4	35·8	[55]‡	[1904]‡	[17]‡	[1908]‡	15	45	1·77	1·52	20
	Nottingham	1007·7	39·9	44·2	33·9	59	1912	9	1908	20	61	2·39	0·90	12
	LONDON (Kew Obsy.)	1009·8	41·4	44·7	35·9	57	1882, 88 1902, 05, 07	11	1890	17	58	2·29	1·19	16

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

ǂ 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.

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.

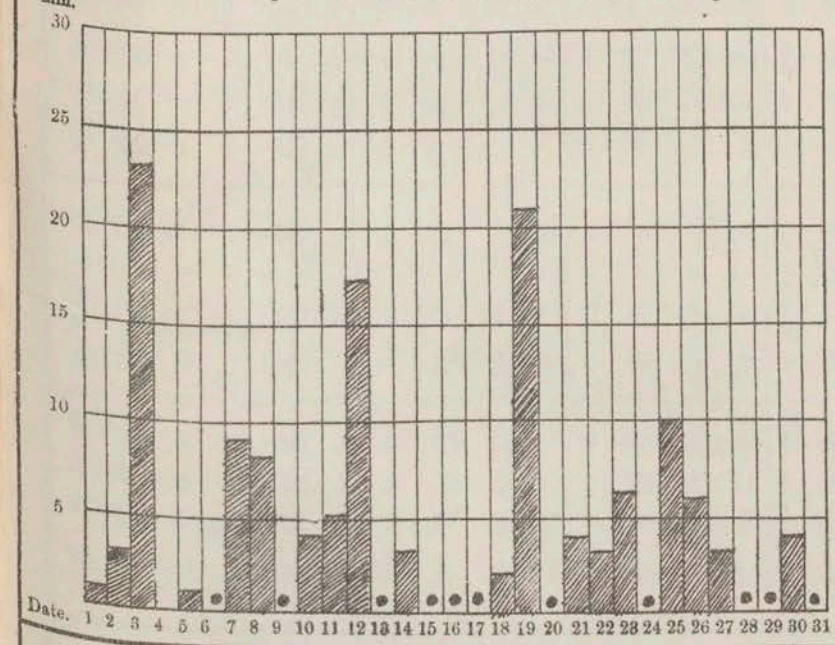
Notes on the Weather of OCTOBER, 1923.

For several years past October has been somewhat, if not very dry in Southern England but the month just ended reasserted its character as a month of abundant rainfall. The normal fall at Kew, for instance, is 69 mm. or 11 mm. greater than the average for December, the second wettest month in the year. In this instance the actual value, 135 mm., was nearly twice the normal but did not constitute a record. It may be of interest, however, to note that so large a monthly total has not been registered at this observatory since December 1915.

The main feature of the pressure distribution was the persistence of deep depressions off our northwest coasts and the frequent passage of secondaries further south. Rough, unsettled weather therefore prevailed throughout the greater part of the month though there were also considerable bright periods with the result that some districts experienced an excess of sunshine as well as of rain.

On the 3rd. a depression which passed southeastward to France caused gales in the Channel and heavy rain in the southern counties, amounting to over 30 mm. in places. From the 9th. to 13th. high winds prevailed and were particularly violent on the 9th. when force 10 (average nearly 60 mph.) was reported in the Shetlands and Eastern Scotland. Rainfall measurements again exceeded 30 mm. locally about the 11th., 47 mm. being recorded at Falmouth. Quieter weather obtained for a few days near the middle of the month and ground frost occurred at many inland places. On the 18th., however, the winds freshened again and gales or high winds were experienced on some or other exposed part of the coast until the 30th. Heavy rain fell repeatedly and over 30 mm. were registered locally about the 20th. and 23rd. The total for the month amounted to 210 mm. at Shanklin and 243 mm. at Eskdalemuir.

Daily Rainfall at KEW Observatory.



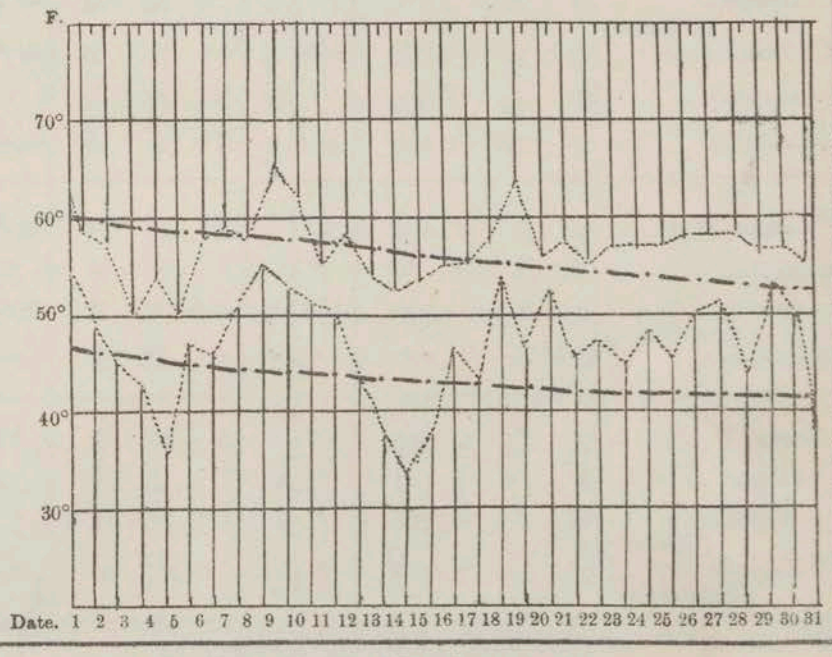
TEMPERATURE.

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 0·5 mm.
Total for month 135 mm.

Daily Range of Temperature at KEW Observatory.

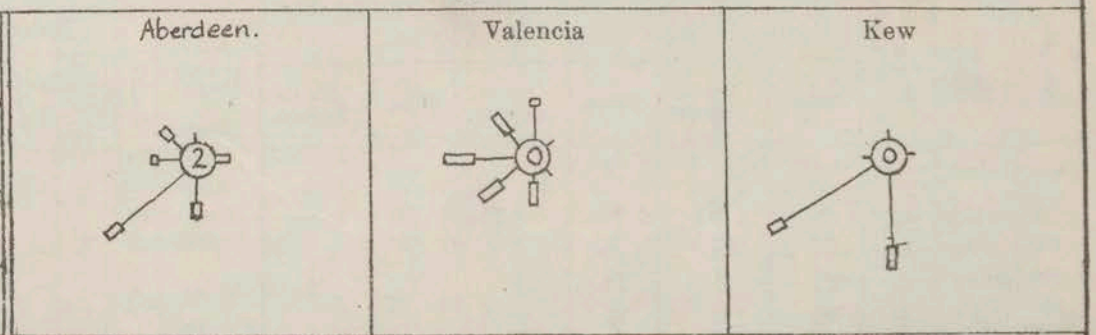


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	996·9	−14·2	47·5	0
Valencia	1005·0	−7·6	50·8	−0·9
Kew	1007·3	−6·7	51·8	+1·6

* 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.

Pg./929/923. m iii. 08564/PK.1080. 960. 11/23

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.																					LOW CLOUD.								
	Number of daily readings within fixed limits.										Extremes—Warmest and Coldest.											Number of observations within fixed limits.								
											Days.				Nights.							7H.			13H.			18H.		
	† Maximum.					† Minimum.																								
	42 — 50	51 — 59	60 — 68	69 — 77	Normal Max.	24 — 32	33 — 41	42 — 50	51 — 59	Normal Min.	Highest Max.	Date.	Lowest Max.	Date.	Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.			Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.
					°F.					°F.	°F.		°F.		°F.		°F.													
Stornoway ...	13	18	0	0	52·2	2	14	15	0	41·2	54	1, 7, 18	46	14	49	1, 19, 30	31	23	*			20	11	0	16	15	0	24	7	0
Aberdeen ...	8	22	1	0	53·0	0	16	15	0	41·6	60	1	47	4, 26	50	19, 30	34	5	7			3	22	1	0	30	1	3	21	0
Edinburgh ... (Inchkeith)	9	22	0	0	*	0	5	24	2	*	59	19	48	3, 4	54	30	38	14	0			*	*	*	*	*	*	*	*	*
Renfrew	4	27	0	0	*	1	8	21	1	*	59	1	49	24	54	30	31	5	4			4	26	0	3	26	1	3	26	1
Eskdalemuir ...	20	11	0	0	*	2	15	14	0	*	56	19	44	3	49	30	25	14	7			9	22	0	3	28	0	6	24	0
Dublin ... ... (Phœnix Park)	0	27	4	0	55·3	0	12	19	0	41·2	62	19	52	13, 14	49	7	33	15	0			*	*	*	*	*	*	*	*	*
Birr Castle ...	2	29	0	0	55·0	0	9	20	2	40·7	59	1, 7	49	27	52	30	33	14, 15	4			0	31	0	0	31	0	1	29	0
Valencia ... ... (Cahirciveen)	0	31	0	0	56·4	0	2	21	9	46·6	59	8	51	27	54	9	35	15	1			5	26	0	5	25	0	7	23	0
Tynemouth ..	4	24	3	0	54·1	0	8	21	2	42·4	61	1	49	3, 4, 12, 13	58	1	33	14	1			14	13	0	6	22	0	11	14	0
Holyhead ...	1	30	0	0	55·1	0	0	21	10	46·5	57	1	50	14	55	1	43	4	0			3	27	1	3	28	0	5	24	0
Liverpool ... (Bidston)	3	25	2	0	54·1	0	3	26	2	44·8	62	8	48	3	55	1	39	5	0			0	30	0	0	30	0	0	30	0
Nottingham ...	4	24	3	0	55·3	0	9	17	5	41·7	62	9, 19	45	3	53	1, 19	33	5	24			3	24	0	3	28	0	0	22	0
Cranwell	6	22	3	0	*	0	11	19	1	*	64	19	47	14	54	1	33	5	4			6	22	2	3	27	0	1	26	1
Gorleston ...	2	25	4	0	55·2	0	7	21	3	45·3	67	19	48	3	55	1	35	15	0			2	16	1	0	26	3	0	20	0
Ross-on-Wye ...	1	25	5	0	56·1	2	5	17	7	42·1	62	9	46	3	56	1, 19	31	15	4			1	27	0	1	30	0	0	29	0
Leafield	3	26	2	0	*	*	*	*	*	*	61	9	45	3	*	*	*	*	26			*	*	*	*	*	*	*	*	*
London ... ... (Kew Obsy.)	2	26	3	0	56·2	0	4	18	9	43·5	65	9	50	3, 15	55	9	33	15	4			3	25	1	3	26	1	3	22	4
Croydon	2	26	3	0	*	0	5	18	8	*	65	9, 19	48	3	53	1, 9, 19	34	5	3			8	12	4	7	24	0	5	23	0
Grain	2	22	6	1	*	0	5	20	6	*	69	19	50	3, 15	54	19	34	15	4			2	20	1	3	28	0	4	22	2
Lympne	2	24	5	0	*	0	7	17	7	*	67	9	48	3	57	1	33	15	3			12	13	2	6	25	0	10	19	1
Southampton ... (Calshot)	0	25	6	0	*	0	5	14	12	*	65	9	51	5	56	19	35	15	0			8	18	1	5	25	1	3	25	0
Falmouth ... (Pendennis)	0	29	2	0	*	0	1	19	11	*	63	1	53	11, 14	57	19	41	15	*			2	13	16	2	14	15	3	16	12

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	S. FARNBOROUGH Mean.	S. FARNBOROUGH No. of Reports.	CRANWELL Mean.	CRANWELL No. of Reports.	Mean.	No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1760	46	46	5	47	8		
850	4740	40	35	3	36	8		
750	8040	31	29	3	29	8		
650	11750	21	19	1	18	8		
550	15,960	6	5	1	6	8		

UPPER WINDS.

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

STATION.	RENFREW.						CATTEWATER.						LYMPNE.					
Height. Feet.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.
2,000	25	2	14	7	2	-	16	2	8	5	1	-	60	2	28	21	9	-
5,000	5	1	2	2	-	-	1	1	-	-	-	-	18	1	10	6	1	-
10,000	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
15,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

† Since March 1st, 1921, the readings used have (except in the case of Phœnix Park & Bidston) been the maximum for the period 7h.–18h., and the minimum for the period 18h.–7h. 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, ...OCTOBER....., 1923.

Equivalents of Temperature. A°. F°.																									
283·6 51 288·0 59 288·6 60 293·0 68 293·6 69 298·0 77 298·6 78 303·0 86	Sunshine.											Rainfall.													
	Number of Days with duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Number of days with amount.						Maximum fall in 24 hrs.		Total for past 12 months.	Difference from Average.	Total for Month.	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
	Nil.	0·1—6h.	6·1—9h.	6·1—9h.	Above 9h.	Hours.	Date.					0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	mm.	Date.						
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	6	12	12	1	0	7·5	1	1145	−114	79	−7	0	1	17	11	2	0	23	20	1319	+ 53	188	+ 56	0	0
Aberdeen ...	1	8	13	7	2	9·5	9	1231	−156	139	+44	12	12	0	6	1	0	20	27	870	+ 122	89	+ 13	0	0
Edinburgh ... (Inchkeith)	2	13	11	3	2	9·3	2	1378	*	113	*	13	?10	7	1	0	0	8	23	476	*	37	*	0	0
Renfrew	2	15	7	6	1	9·1	14	1118	*	102	*	5	4	12	10	0	0	11	9	1043	*	123	*	0	0
Eskdalemuir ...	8	11	7	5	0	8·5	11	1104	*	97	*	4	5	4	12	5	1	31	29	1659	*	243	*	1	0
Dublin ... ... (Phœnix Park)	3	7	15	6	0	8·0	14	1408	−99	119	+15	11	6	10	4	0	0	12	2	728	+ 23	54	−13	0	0
Birr Castle ...	5	8	11	5	2	9·9	13	*	*	115	+ 17	4	11	8	8	0	0	14	29	919	+ 90	115	+ 41	0	0
Valencia ... ... (Cahirciveen)	8	10	6	7	0	7·7	14	1224	−221	91	−10	3	7	8	11	1	1	32	20	*	*	176	+ 34	1	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	16	3	11	1	0	0	8	3	592	− 29	37	−39	0	0
Holyhead ...	6	5	17	3	0	8·3	4	1448	*	106	*	9	4	9	8	1	0	21	27	868	− 20	117	+ 16	2	0
Liverpool ... (Bidston)	4	12	11	4	0	8·0	4	1352	*	93	*	6	8	12	3	2	0	18	27	715	+ 6	100	+ 17	2	0
Nottingham ...	7	13	9	2	0	7·9	4	1032	−293	73	− 10	14	6	10	1	0	0	5	12	608	+ 36	33	− 30	1	0
Cranwell	3	12	9	7	0	8·4	4	1534	*	104	*	11	5	13	2	0	0	10	8	628	*	53	*	1	0
Gorleston ...	8	?10	10	3	0	7·5	15	?	*	?	*	13	8	3	7	0	0	13	3	564	− 58	83	+ 9	0	0
Ross-on-Wye ...	6	15	5	4	1	10·3	4	1379	*	83	*	9	3	11	5	3	0	22	26	796	+ 78	139	+ 56	2	0
Leafield	8	7	8	7	1	9·4	4	*	*	98	*	11	4	9	6	1	0	16	3	*	*	101	*	?0	0
London ... ... (Kew Obsy.)	6	10	10	4	1	9·3	15	1403	−72	93	+1	10	3	10	5	3	0	23	3	654	+ 48	135	+ 66	1	0
Croydon	7	8	11	5	0	8·0	15	1469	*	98	*	10	5	6	7	2	1	26	3	782	*	148	*	1	0
Grain	8	8	11	4	0	8·3	13	1558	*	98	*	9	5	10	5	2	0	23	3	502	*	110	*	2	0
Lympne	9	8	11	3	0	8·8	{13 15	1713	*	93	*	7	5	7	10	0	2	32	3	717	*	166	*	0	0
Southampton ... (Calshot)	5	10	8	7	1	9·2	4	1670	*	106	*	11	3	8	7	2	0	25	19	695	*	141	*	0	0
Falmouth ... Observatory	4	9	8	8	2	9·9	4	1651	−108	127	+11	6	2	10	12	0	1	47	11	1166	+ 59	176	+ 50	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	0	10	3	13	5	0	0
Renfrew... ...	*	*	*	*	*	*	*	*	*
Eskdalemuir ...	0	0	6	14	9	2	0	0	0
Valencia... ...	0	0	3	13	10	5	0	0	0
London ... ... (Kew Obsy.)...	0	0	4	9	8	8	1	0	0
Falmouth ...	2	1	6	6	13	3	0	0	0

STATE OF GROUND AT 13 h.

No. of Days each type was recorded.

Station.	0	1	2	3	4	5	6	7	8	9
Aberdeen ...	5	24	2	0	0	0	0	0	0	0
Renfrew... ...	1	13	17	0	0	0	0	0	0	0
Eskdalemuir ...	0	13	18	0	0	0	0	0	0	0
Valencia ...	5	16	10	0	0	0	0	0	0	0
London ... ... (Kew Obsy.)	0	22	9	0	0	0	0	0	0	0
Falmouth ...	16	9	6	0	0	0	0	0	0	0

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

NOTES ON CHART OF ISOPLETHS (p. 4).

The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h., 7h., 13h. and 19h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 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 OCTOBER, 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22593 Monday, 1st October 1923.

Observations at 1300 G.M.T. 30th Sept. (columns 2–15) — Observations at 1800 G.M.T. 30th Sept. (columns 16–29)

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.†	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	1012.5	0	W	3	obr₀	55	92	6	4000	Nb	5	ASt	10	•	1010.8	-2	SW	3	o/r	55	92	6	800	St	4	ASt	10	2
Stornoway	1013.4	-1	SW	6	od₀d₀	56	97	6	450	St	10	-	10	•	1011.7	-2	W	3	od₀d₀	55	97	6	450	St	10	-	10	2
Wick	1013.2	-2	WSW	3	o	63	65	9	-	-	0	CiSt	9	•	1011.2	-2	WSW	3	o	63	65	8	-	-	0	ACu	9	0
Castlebay	1016.1	-1	SSW	5	odd	55	97	5	800	Nb	10	-	10	•	1014.8	-1	WSW	5	odd	54	97	5	800	Nb	10	-	10	5
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.8	•	N	3	bc	62	68	8	4000	Cu	2	ACu	4	•
Aberdeen	1016.7	-2	S	3	c+	70	65	7	-	-	0	ACu	7	0	1014.6	-2	SSE	1	o	63	75	8	4000	StCu	9	-	9	0
Malin Head	1016.7	-1	S	5	c	67	85	9	-	-	0	CiCu	7	•	1016.3	0	W'S	5	c	58	97	8	5700	Nb	6	CiCu	7	3
Renfrew	1020.6	-3	SW	4	b-	66	65	8	2500	StCu	1	Ci	2	1	1018.1	-3	-	0	c	58	92	7	4000	StCu	2	Ci	7	•
Edinburgh (Inchkeith)	1019.4	-3	SW	4	bc+	65	75	8	-	Cu	1	CiCu	6	•	1016.8	-1	SW	3	o+	60	85	8	-	-	0	ASt	9	0
Leuchars	1018.3	-3	WSW	6	c+	69	65	7	-	-	0	Ci	7	0	1016.3	-2	SW	3	c	63	75	8	-	-	0	ASt	7	•
Eskdalemuir	1023.0	-3	S'W	3	fo+	57	97	3	<150	St	10	-	10	2	1020.0	-4	SSW	5	o	57	92	6	1500	St	10	-	10	•
Tynemouth	1022.8	-3	SW	1	b+	73	65	6	-	-	0	CiSt	2	•	1021.1	-2	SW	3	b	66	75	6	800	St	3	-	3	0
Blacksod Point	1018.0	-1	SW	5	o	59	92	7	•	•	•	•	10	•	1018.2	0	SW	5	mo-	56	97	7	*	*	*	*	10	6
Donaghadee	1021.4	-2	SW	3	c+	59	92	8	1500	St	8	-	8	•	1018.9	-1	S	3	o	56	92	7	2500	St	10	-	10	3
Birr Castle	1020.2	•	SE	2	b-	70	65	6	4000	StCu	2	-	2	•	1019.8	•	SW	1	c+	64	75	7	4000	StCu	8	-	8	•
Holyhead	1024.3	-3	S'W	3	o	62	92	7	1500	St	10	-	10	1	1021.7	-2	SSW	4	ifb	59	97	5	-	-	0	-	0	3
Liverpool (Bidston)	1024.6	-2	SW'S	2	bc+	68	75	9	4000	Cu	5	-	5	•	1021.9	-1	SSW	2	b	67	75	8	2500	Cu	1	-	1	2
Chester (Shotwick)	1024.7	-3	SW	3	b	74	65	9	4000	Cu	2	-	2	0	1021.9	-2	SW'S	3	b	69	65	8	4000	Cu	1	-	1	•
Spurn Head	1025.5	-3	SW	4	c	68	75	7	4000	StCu	8	-	8	•	1019.5	-3	SSW	3	c	60	85	7	4000	StCu	7	-	7	2
Birmingham (Edgbaston)	1026.5	-2	SSE	3	c	69	65	8	4000	StCu	8	-	8	1	1024.1	-2	SSE	4	b+	65	85	8	4000	St	1	-	1	•
Nottingham	1025.9	-4	SW	3	o	68	75	7	2500	StCu	9	ACu	10	•	1022.8	-1	SSW	2	b	66	85	7	-	-	0	-	0	•
Cranwell	1026.3	-2	SSW	3	o	68	92	7	2500	StCu	10	-	10	0	1024.2	-2	S	3	b	60	97	8	-	-	0	-	0	•
Gorleston	1026.6	-1	SSE	2	o+	65	85	6	4000	Cu	9	-	9	•	1024.9	-1	SW'S	2	bc-	66	85	6	4000	Cu	2	ACu	5	0
Valencia (Cahirciveen)	1021.6	-1	S'E	4	o	60	92	8	800	St	10	-	10	0	1021.6	0	S'E	3	o/r	58	92	6	450	St	10	-	10	3
Roches Point	1022.9	-3	SSW	2	b-	59	97	7	2500	StCu	1	-	1	•	1021.4	-1	SSW	2	o	56	97	5	450	St	10	-	10	0
Pembroke (St. Ann's H.)	1026.0	-1	SE	2	bc/f	61	92	6	<150	St	4	-	4	•	1023.3	-2	SW	2	b	59	97	6	-	-	0	-	0	2
Ross-on-Wye	1026.3	-3	W'S	3	c-	69	75	8	4000	Cu	7	-	7	0	1023.9	-2	SW	3	b	67	85	8	2500	Cu	3	-	3	•
Benson	1027.7	-2	SW	3	o	68	75	8	*	St	10	-	10	0	1024.9	-2	SSW	1	b-	63	92	8	*	St	1	-	1	•
Andover	1028.2	-1	S	3	o-	67	97	7	2500	StCu	10	-	10	0	1025.6	-3	SE'S	2	b	63	85	7	-	-	0	-	0	•
S. Farnborough	1028.0	-2	SW	2	o-	71	75	7	4000	StCu	9	-	9	0	1025.5	-3	SSE	2	b	66	85	6	-	-	0	-	0	•
London (Kew Obsy.)	1028.4	-2	SSW	2	o	71	75	8	2500	StCu	9	-	9	0	1025.4	-3	S	1	b	67	75	8	-	-	0	ASt	1	•
Croydon	1027.9	-3	S	2	c-	73	65	8	4000	Cu	8	-	8	0	1025.6	-2	S'W	2	b	65	85	8	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.9	-2	SSW	3	b	63	85	7	4000	Cu	2	-	2	0
Shoeburyness	1028.1	0	SSW	1	bc	75	65	8	4000	StCu	5	-	5	•	1025.8	-2	SSW	1	b	61	85	8	-	-	0	-	0	•
Grain	1028.1	-2	SSW	3	bc	75	55	9	2500	Cu	5	-	5	0	1025.9	-2	S	1	b	66	75	8	-	-	0	-	0	0
Lympne	1028.6	-2	SW	2	b/f	69	75	8	-	-	0	-	0	0	1025.6	-3	S	2	b	64	75	7	-	-	0	-	0	•
Scilly (St. Mary's)	1025.7	0	SE	2	b	63	85	8	-	-	0	-	0	•	1024.2	-2	S'E	2	b	58	97	7	-	-	0	-	0	2
Falmouth (Pendennis)	1027.6	-3	SE	1	b/f	62	85	7	5700	Cu	2	-	2	•	1025.0	-2	S	2	b	58	92	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1027.0	-2	SSE	3	b	69	75	8	-	-	0	-	0	0	1024.4	-2	-	0	b	63	92	8	-	-	0	-	0	0
Portland Bill	1027.7	-4	E	1	bc-	63	85	7	4000	StCu	4	-	4	•	1025.1	-4	SE	2	Fo+	58	92	1	450	St	10	-	10	0
Southampton (Calshot)	1028.3	-3	E'S	4	b	67	85	8	4000	StCu	2	-	2	0	1025.9	-2	ESE	3	b	60	97	6	-	-	0	-	0	0
Dungeness	1028.1	-1	S	1	b/f	66	75	7	-	-	0	-	0	•	1026.1	-3	NE	1	b	63	85	5	-	-	0	-	0	2
Jersey	1026.1	+1	E	2	b	70	75	6	-	-	0	-	0	•	1024.7	+1	E	2	b	69	75	8	-	-	0	-	0	0
Guernsey	1027.2	-2	-	0	mb-	65	85	6	-	-	0	-	0	*	1025.3	-2	-	0	ifb	59	97	5	-	-	0	-	0	0

LONDON OBSERVATIONS. (Weather and Temperature: 24 HOURS ENDED 0900 G.M.T. 1st.)

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day
Kew (24 hours ended 0700)	18	owo	ocbcb	bmfw	•	•	44	tra	tra	2.6	•	•
Croydon (24 hours ended 0700)	244	ome	eb	bmifc	•	•	46	-	tra	4.1	•	•
Greenwich (Royal Obsy.)	149	o	obcb	bwom	75	52	39	-	-	2.9	64	98
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	1.7	•	•
Westminster (St. James' Pk.)	27	•	•	•	73	55	49	-	-	2.1	73	95
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	1.2	•	•
Camden Square	110	ow	oc	•	73	56	49	-	-	•	•	96
Kensington Palace	80	obc	b	•	75	55	46	-	-	•	78 (18h)	100
Hampstead Observatory	450	•	•	•	74	54	44	-	0.1	2.1	*	97

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.
24 Hr. ended 1800 G.M.T. 30th.

	Max.	Time.	Min.	Time.
South Kensington	-	-	-	-
Kew Observatory	-	-	-	-

POLE STAR RECORD at Greenwich Obsy.
Exposure from 30th 18 h. 45 m. to 1st 5 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10 30	9.15	88
δ Ursae Minoris	10.30	9.15	88

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.°
13h.	C₁C₂	7	-	130
19h.	C₁C₂	7	-	110
01h.	C	5	-	100
07h.	C₁C	6	-	120

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.
1st & 2nd October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.56 / 5.57	11.43 / 11.42	5.30 / 5.27
Greenwich	6.2 / 6.3	11.50 / 11.49	5.38 / 5.35
Wick	6.19 / 6.21	12.2 / 12.1	5.45 / 5.42
Valencia	6.43 / 6.44	12.31 / 12.30	6.19 / 6.16

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

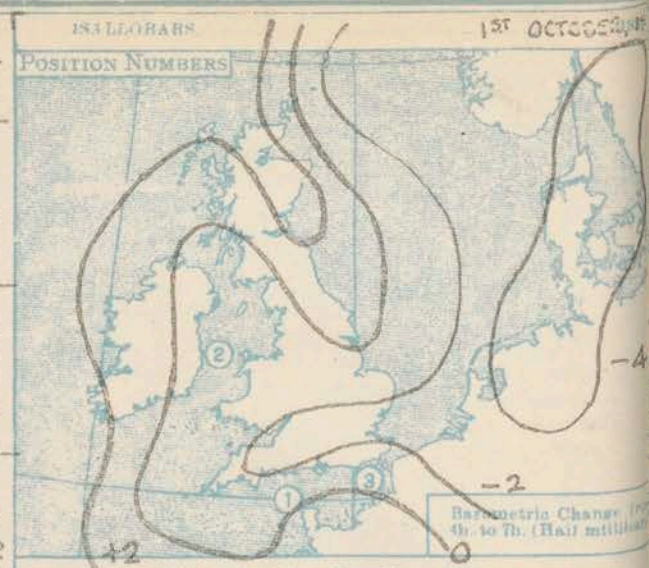
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS	WEATHER. 7h.-13h. 30th	13h.-18h. 30th	18h. 30th to 1h. 1st	1h.-7h. 1st	TEMPERATURE. MAX. Day. 7h.-13h.	MIN. Night 13h.-7h.	MIN. on GRASS	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 30th Hours.
Lerwick	omd	ompr	cpr	cpr	55	49	•	1	2	<0800	0230	0.0
Stornoway	dd	dd	c	bcp	58	49	•	0.6	0.1	<0800	-	0.0
Wick	oo	oo	c	oo	66	44	•	-	-	-	-	•
Castlebay	odd	dd	ddo	coc	56	52	•	0.3	trace	1230	-	0.0
Nairn	cbcq	qbc	bcdgc	cq	69	47	•	0.4	-	-	2200	5.0
Aberdeen	bbcc	co	o	o	73	49	43	-	-	-	-	4.4
Malin Head	bccov	co	id.co	cov	68	50	•	-	trace	-	<2100	6.1
Renfrew	bcqb	bbcc	?	cd.c	?	49	44	?	trace	-	0430	9.2
Edinburgh (Inchkeith)	bbc	c	oo	c	66	51	50	-	-	-	-	10.2
Leuchars	bbcqq	cbcqc	cbcc	cw	70	48	34	-	-	-	-	8.7
Eskdalemuir	ofe	ofeom	om	op.o	58	49	47	0.2	0.1	<0800	0230	0.0
Tynemouth	m	m	bbcmq	cm	74	58	53	-	-	-	-	•
Blackrod Point ...	oo	f-m		f-m	61	43	•	-	-	-	-	•
Donaghadee	bcm	om	bcm	op	63	52	•	-	1	-	0330	•
Birr Castle	bcz	co	co	or.r.	71	51	50	-	1	-	0430	10.2
Holyhead	cf,bfo	obif	ifbboo	ood,m	63	55	55	trace	trace	-	0630	3.2
Liverpool (Bidston) ...	b	b	bco		73	55	51	-	-	-	-	8.9
Chester (Shotwick) ...	b	b	bb	bwcoo	77	56	48	-	-	-	-	10.5
Spurn Head	c	c	bb	oo	70	56	•	-	-	-	?	7.4
Birmingham (Edgbaston)	bfco	cbcb	bb	bcom	71	56	54	-	-	-	-	3.4
Nottingham	bc	c	b	bw	71	53	46	-	-	-	-	3.1
Cranwell	bo	ocb	bbc	comfc	72	54	46	-	0.1	-	-	6.8
Gorleston	cm	cmbc	bw	bwoff	72	55	53	-	-	-	-	5.0
Valencia (Cahirciveen)	bbco	oodo	?	obo	64	53	51	0.1	0.2	1730	0230	2.6
Roches Point	ffeb	bom	ffe	ffo	60	54	•	0.2	0.5	<0800	<2100	•
Pembroke (St. Ann's H.)	off bc	bcmbm	oo	oo	?	56	•	-	-	-	-	7.5
Ross-on-Wye	ocbcc	cbbcb	bw	bmwcm	73	56	48	-	-	-	-	3.6
Leafield	?	bbc	f-m		68	53	45	-	-	-	-	1.0
Andover	offom	ocbcb	bbm	ofefc	71	52	46	-	trace	-	-	1.9
S. Farnborough ...	o	ob	bbm	ome	74	48	43	-	trace	-	-	2.8
London (Kew Obsy.) ...	owo	ocbcbb	bbm	bwofw	73	53	44	trace	trace	-	-	2.6
Croydon	omc	cb	bmw	bmwfc	74	53	46	-	trace	-	-	4.1
Clacton-on-Sea ...	cgmbc	bcb	bz	ozbcnof	67	56	53	-	-	-	-	7.7
Shoeburyness	bc	bcb	boffe	offc	?	51	42	-	trace	-	-	5.0
Grain	cbbcy	bcbyb	bbme	bmfc	76	50	46	-	0.2	-	-	8.9
Lympne	obfm	b	b	bwfo	71	57	48	-	0.1	-	-	7.0
Scilly (St. Mary's) ...	bcb	bm	om	cmr	63	56	•	-	1	-	0420	10.0
Falmouth (Pendennis)	ffobc	bc	bcfoc	co	63	56	•	-	-	-	-	7.0
Plymouth (Cattewater)	b	b	bbfc	odd	70	55	47	-	0.3	-	<2100	10.3
Portland Bill	c	b-bc	f	f	64	54	•	-	-	-	•	•
Southampton (Calshot)	ornebc	bbmm	f	f	67	?	51	-	0.2	-	•	6.1
Dungeness	ff	b-bc	bbc	f	70	59	•	-	-	-	-	•
Jersey	cffb	b	b	bco	74	56	•	-	-	-	-	6.0
Guernsey	bfmb	mw	mbw	bbcow	67	56	•	-	-	-	-	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	30th 1005	Anglia	S	5	om	58	56
3	1st 0300	Brighton	N	1	b	64	65

GENERAL INFERENCE.

The depression north of the Faeröes is moving east and press is rising on our western coasts. The main wind current will be from a westerly point temporaril and weather will be cooler than of late. A small secondary depression will cause some rain or drizzle today mainly in the northern part of England and Wal

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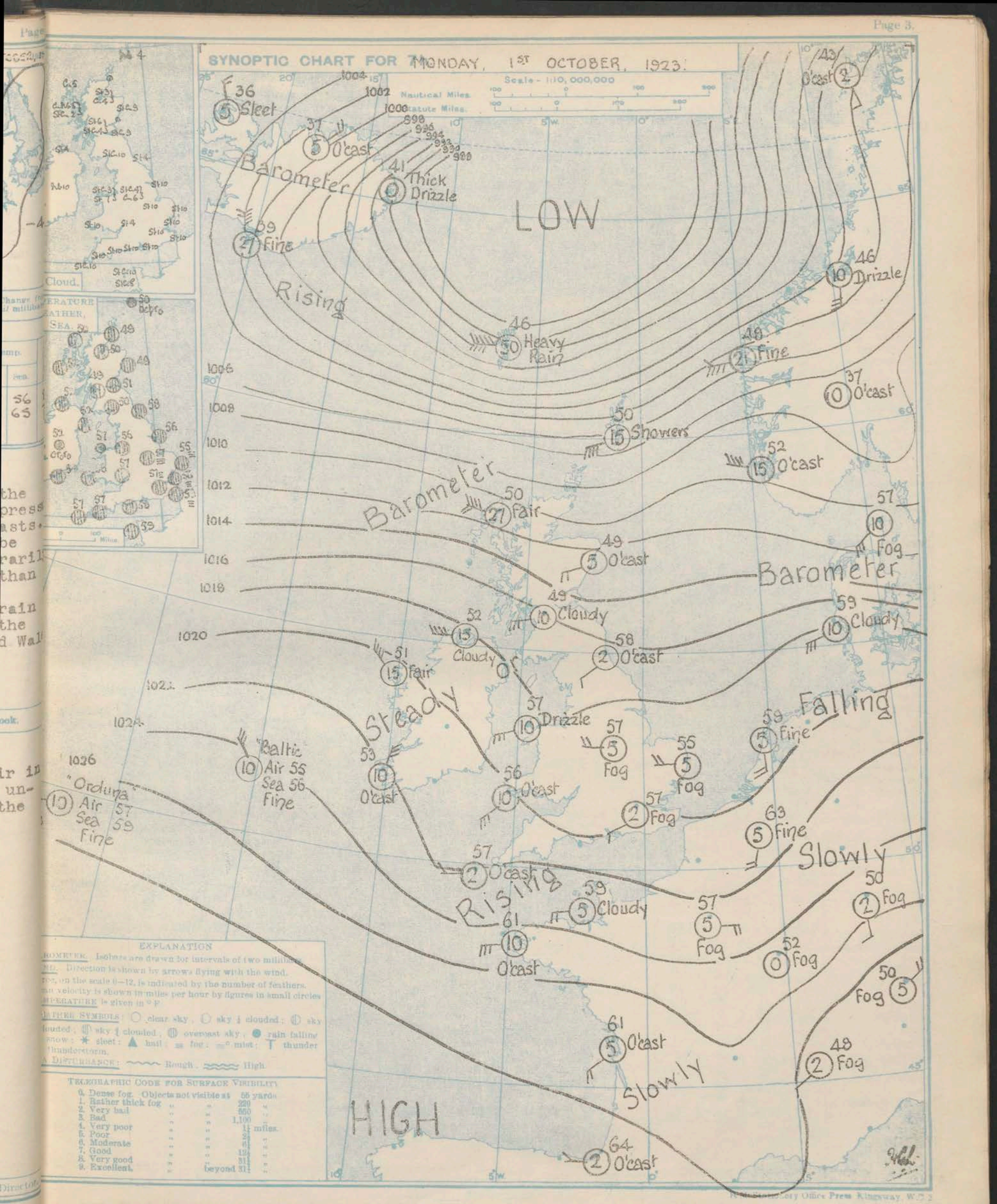
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 1st October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light westerly wind; dull at first with slight drizzle in places; fairer later; some mist or fog; cooler.	Mainly fair in the South; unsettled in the North. ---
4. W. Midlands 5. S.W. England	Wind W. to N.W. light; fine; visibility good; moderate temperature.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind westerly light or moderate; some rain early then becoming fair; some mist at first visibility good later; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Moderate westerly wind; mainly fair; visibility moderate to good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	W. to N.W. wind, strong at times; some showers, bright intervals; visibility good; rather cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.W. to W., moderate; fair generally; visibility good; moderate temperature.	

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday, October 1st 1923. No. 274.

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

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	1009.3	-2	W'S	3	c/p	51	85	6	4000	Cu Nb	8	-	8
Stornoway	51	1011.9	0	SW	5	c	•	•	5	•	•	•	•	•
Wick	81	1011.2	0	W	3	b-	49	85	8	-	-	0	Ci	2
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1017.7	+1	W'S	4	c/r	52	85	8	4000	Sr	4	Ci Cu	8
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1015.2	+1	SW	3	0	57	92	8	•	Sr	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1017.1	-4	SW	2	b	63	75	7	-	-	0	-	0
Blacksod Point ...	10	-	-		-	•	•	•						-
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1020.3	-1	SW'S	4	0	56	92	7	1500	Sr	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1020.0	-3	SW	4	b	61	85	8	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1021.4	-2	SSW	2	b	59	97	7	-	-	0	-	0
Gorleston	13	1022.6	-1	SSW	2	b	58	97	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1020.4	0	-	0	fo+	56	92	2	•	?	?	?	?
Rockes Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1022.0	-2	SW	3	0+	56	92	7	1500	Sr	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	?	•	•	•	•	•	•	•	•	•	•	•	•	•
Aldover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	59	•	•	•	•	•	•	•
Croydon	244	1022.6	-3	SW'S	1	b	53	97	5	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1022.9	-3	SSW	3	b	58	97	7	-	-	0	-	0
Scilly (St. Mary's) ...	131	1023.2	-2	WSW	2	m.o	57	97	6	2500	Sr	10	-	10
Falmouth (Pendennis)	200	1023.1	-2	W	2	o/f	57	92	6	<150	Sr	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1024.1	-3	-	0	Fo+	55	97	1	450	Sr	10	-	10
Southampton (Calshot)	12	1023.3	-3	W'S	1	Fo+	56	97	1	<150	Sr	10	-	10
Dungeness	21	1022.7	-2	SSW	3	b	61	92	7	-	-	0	-	0
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1023.4	-4	W	1	b/f	60	97	5	-	-	0	-	0

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

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	1005.3	-3	WSW	4	bcp/	50	92	6	4000	Nb	4	ACu	5
Stornoway	1011.6	?	W	6	bc	50	85	7	4000	Cu	5	-	5
Wick	1009.7	0	SW	2	c	49	75	8	5700	Cu Nb	4	Ci	7
Castlebay	1015.0	0	W	5	c	52	75	8	2500	Cu Nb	7	-	7
Nairn	1012.6	•	-	0	c+	50	75	8	1500	Cu	7	-	7
Aberdeen	1013.5	+2	WSW	2	0	49	75	8	4000	StCu	9	-	9
Malin Head	1018.0	0	W	4	c	52	85	8	4000	Sr	4	Ci Cu	7
Renfrew	1017.0	0	WSW	3	c	49	85	7	1500	Sr	8	-	8
Edinburgh (Inchkeith)	1014.4	+3	SW	4	0+	51	85	7	•	StCu	9	-	9
Leuchars	1014.3	+1	SW	2	c	48	85	8	-	-	0	ACu	8
Eskdalemuir	1017.1	-1	W'N	2	0	50	75	7	2500	StCu	10	-	10
Tynemouth	1016.5	0	SW	1	0	58	85	6	800	Sr	4	ASr	9
Blacksod Point ...	1020.3	+1	NW	4	bc-	51	85	7	•	•	•	•	6
Donaghadee	1018.8	0	W	3	c-	52	85	8	1500	Sr	8	-	8
Birr Castle	1021.8	•	SW	1	o/f	52	97	6	2500	Nb	10	-	10
Holyhead	1018.7	0	WSW	3	od.	57	97	5	<150	Sr	10	-	10
Liverpool (Bidston) ...	1018.8	-1	SW	1	0+	56	92	6	2500	Cu	10	-	10
Chester (Shotwick) ...	1018.7	-1	-	0	0	57	85	7	2500	Sr	10	-	10
Spurn Head	1018.5	0	W	1	0	56	97	5	1500	Sr	10	-	10
Birmingham (Edgbaston)	1019.7	-1	S	2	0-	57	92	6	2500	Sr	7	ACu	9
Nottingham	1018.7	-1	W	2	ffo	57	97	2	1500	Sr	10	-	10
Cranwell	1018.9	-3	W'S	2	mo-	57	97	5	450	Sr	9	-	9
Gorleston	1019.2	-2	W	2	fo+	53	97	2	800	Sr	10	-	10
Valencia (Cahirciveen)	1022.4	+3	N'E	3	0	53	85	7	1500	StCu	10	-	10
Rockes Point	1020.4	0	NNW	3	0	54	97	8	4000	StCu	10	-	10
Pembroke (St. Ann's H.)	1020.5	-1	SW	3	0	56	97	7	1500	Sr	10	-	10
Ross-on-Wye	1018.4	-2	SW	1	bc-	57	97	6	2500	Sr	6	-	6
Leafield	1020.1	-1	NSW	1	ffo	54	97	2	?	•	•	•	•
Aldover	1021.0	-2	SW'W	2	ffo	53	97	1	<150	Sr	10	-	10
S. Farnborough ...	1020.3	-2	WSW	2	mmo	56	97	4	450	Sr	10	-	10
London (Kew Obsy.) ...	1020.5	-1	SW	1	fo-	57	97	2	220	Sr	10	-	10
Croydon	1020.5	-2	-	0	fb-	54	97	3	-	-	0	-	0
Clacton-on-Sea ...	1019.7	-2	WNW	3	Fo+	56	97	1	<150	Sr	10	-	10
Shoeburyness	1020.0	-2	-	0	FFo	56	92	1	220	Sr	10	-	10
Grain	1019.9	-1	WSW	3	Fo+	56	97	1	<150	Sr	10	-	10
Lympne	1017.9	-3	W	3	FFo	60	97	1	<150	Sr	10	-	10
Scilly (St. Mary's) ...	1021.9	-1	W	1	0	57	97	7	4000	StCu	10	-	10
Falmouth (Pendennis)	1022.0	-1	W	2	0	57	97	6	1500	Sr	10	-	10
Plymouth (Cattewater)	1021.8	-2	WSW	3	0-	57	97	5	<150	Sr	10	-	10
Portland Bill	1020.6	-4	W	4	o/f	58	75	6	800	Sr	10	-	10
Southampton (Calshot)	1021.1	-1	SW	3	fo	52	97	3	<150	Sr	10	-	10
Dungeness	1020.4	-2	SW	1	ffo	59	97	2	<150	Sr	10	-	10
Jersey	1023.2	0	W	2	c	59	85	8	4000	StCu	8	-	8
Guernsey	1023.1	+1	W'S	2	0	57	97	8	4000	StCu	10	-	10

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 29th-30th. °F.	Temperature. Max. Day. 30th. °F.	Rainfall.† Night 17h.-9h. 29th-30th. mm.	Rainfall.† Day 9h.-17h. 30th. mm.	Sunshine. Sunrise to 17h. 30th. hr.	Sunshine. Sunrise to Sunset. 29th. hr.
Montrose	bbc	bcc	46	69	-	-	6.4	3.2
Berwick-on-Tweed	b	b	56	66	-	-	10.0	0.0
Llandudno	b	b	57	73	-	-	10.1	1.0
Colwyn Bay ...	bc	bc	52	72	-	-	10.5	3.4
Rhyl	b	bbc	54	73	-	-	10.0	1.5
Southport	wb	b	53	73	-	-	10.3	2.3
Blackpool	cb	cb	51	72	-	-	9.9	1.0
Ilkley	wbcb	b	55	73	-	-	8.9	1.5
Harrogate	b	b	55	71	-	-	8.5	3.6
Skegness	b	o	55	71	-	-	6.3	2.5
Aberystwyth ...	cbb	b	59	69	1	-	8.0	0.2
Bath	ocbc	cbcb	62	73	-	-	4.2	4.4
Leamington Spa ...	-	-	54	71	-	-	1.9	0.5
Lowestoft	b	bcpcb	62	71	-	-	6.2	6.3
Felixstowe	ofb	b	60	67	-	-	6.4	1.6
Southend	cbc	bcb	62	75	-	-	9.0	1.5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 29th-30th. °F.	Temperature. Max. Day. 30th. °F.	Rainfall.† Night 17h.-9h. 29th-30th. mm.	Rainfall.† Day 9h.-17h. 30th. mm.	Sunshine. Sunrise to 17h. 30th. hr.	Sunshine. Sunrise to Sunset. 29th. hr.
Ilfracombe	b	b	59	75	-	-	10.2	0.6
Bude	bcbc	bc bb	56	73	0.2	-	10.2	0.[illegible]
Paignton	wombc	com	52	66	-	-	6.7	2.1
Torquay	cmbc	b	59	70	-	-	6.9	2.0
Weymouth	oc	bf	59	68	-	-	3.2	4.7
Bournemouth ...	cc	bf	60	70	-	-	3.5	0.3
Portsmouth (S'thsea)	omb	b	58	70	-	-	6.7	1.5
Littlehampton ...	bcm	bcm	55	64	-	-	5.1	2.6
Worthing	7	b	56	67	-	-	5.5	4.[illegible]
Brighton	bmb	b	57	66	-	-	6.2	7.[illegible]
Eastbourne	b	b	58	68	-	-	5.1	10.[illegible]
Hastings	cbcb	b	59	70	-	-	8.4	3.[illegible]
Folkestone	m	mb	56	67	-	Trace	4.7	6.[illegible]
Dover	Fe bc	bc	59	72	-	-	5.2	6.[illegible]
Tunbridge Wells ...	b	b	59	75	-	-	9.2	1.3
Ramsgate ...	b	b	61	?	-	-	9.4	0.9
Margate	-	-	63	76	-	-	9.0	1.1
Deal	bzb	b	60	75	-	-	9.5	2.5

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 72594 TUESDAY 2nd OCTOBER 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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1004.9	0	WSW	6	cpr₀	50	92	6	4000	Nb	4	A.Cu	7	·
Stornoway	1011.9	+1	W	5	cpr₀	51	85	7	4000	Nb	7	-	7	·
Wick	1010.1	0	W	4	bcjp	55	65	8	4000	CuNb	6	-	6	·
Castlebay	1016.1	0	W	5	bc	58	75	8	2500	St	6	-	6	·
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1013.6	-1	W'S	4	b-	59	45	8	4000	Cu	1	Ci.St	2	0
Malin Head	1018.7	+1	WNW	3	b	55	85	8	4000	Cu	3	-	5 (red)	·
Renfrew	1017.5	0	NW	2	o	56	75	8	4000	StCu	9	-	9	1
Edinburgh (Inchkeith)	1014.4	0	WSW	4	bc-	58	65	8	*	Cu	2	Ci.St	6	·
Leuchars	1014.7	0	W	4	bc	58	55	8	4000	StCu	4	-	4	0
Eskdalemuir	1017.5	+1	W'N	4	bc-	53	65	8	2500	StCu	3	Ci	6	1
Tynemouth	1018.0	+2	W	2	o	56	75	6	800	Nb	10	-	10	·
Blacksod Point	1021.7	+1	W	4	bc-	56	75	9	*	*	*	*	5	·
Donaghadee	1019.6	0	WNW	3	bc-	57	85	8	1500	Cu	4	-	4	·
Birr Castle	1022.5	*	W	1	c-	56	75	8	4000	StCu	6	Ci.Cu	8	·
Holyhead	1020.7	+2	N'W	4	o-	55	75	8	4000	StCu	9	-	9	1
Liverpool (Bidston)	1019.7	+2	NWN	2	o	54	85	7	1500	CuNb	10	-	10	·
Chester (Shotwick)	1019.7	+2	NW	5	od₀	55	85	7	1500	St	10	-	10	8
Spurn Head	1017.5	-1	WNW	4	o	59	85	5	1500	St	10	·	10	·
Birmingham (Edgbaston)	1019.4	0	WSW	3	o·	60	75	7	2500	St	10	·	10	1
Nottingham	1018.2	0	W	2	o	60	85	5	1500	St	10	-	10	·
Cranwell	1018.4	0	W	3	o	61	92	6	1500	St	10	-	10	0
Gorleston	1018.8	0	W'N	2	mo-	60	85	5	4000	St	10	-	10	·
Valencia (Cahirciveen)	1024.8	+1	WNW	4	bc	57	65	9	2500	StCu	1	Ci.Cu	6	0
Roches Point	1023.0	+2	NNW	2	c-	55	85	8	4000	StCu	7	-	7	·
Pembroke (St. Ann's H.)	1021.1	+1	SW	3	o	56	65	7	450	St	10	·	10	·
Ross-on-Wye	1019.8	0	WSW	2	od₀	59	85	5	1500	St	10	-	10	5
Leafield														
Andover	1020.3	+1	W	3	o/r	57	97	7	800	St	10	-	10	1
S. Farnborough	1020.0	-1	SW	3	or₀	58	97	6	800	Nb	10	-	10	1
London (Kew Obsy.)	1019.5	-1	WSW	2	odd	59	97	5	800	Nb	10	-	10	1
Croydon	1019.8	-1	W'S	2	odd₀	57	97	6	450	St	10	-	10	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1019.2	-1	W'N	2	mmo	61	85	4	800	St	10	·	10	·
Grain	1019.3	0	WSW	3	od₀	59	97	4	450	St	10	·	10	5
Lympne	1019.6	-1	W	5	o/m	58	85	5	800	St	10	·	10	8
Scilly (St. Mary's)	1022.6	+1	W'N	3	FFo	59	97	1	450	St	10	·	10	·
Falmouth (Pendennis)	1022.6	0	W	2	o	61	92	6	2500	St	10	-	10	·
Plymouth (Cattewater)	1021.8	0	WSW	3	c-	64	85	8	1500	St	8	-	8	0
Portland Bill	1021.1	0	W	3	c-	60	85	7	4000	StCu	7	\	7	·
Southampton (Calshot)	1020.4	-1	W	3	c	62	85	7	2500	StCu	6	Ci	8	0
Dungeness	1019.9	0	SW	4	o/r	60	85	6	1500	St	10	·	10	·
Jersey	1023.1	0	W	3	o	63	85	8	4000	StCu	10	-	10	·
Guernsey	1023.1	-1	W'S	4	o	59	97	7	800	St	10	·	10	·

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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1005.4	+1	W	8	bcjp	49	75	6	2500	St	6	-	6	7
Stornoway	1011.3	0	W	4	opr₀	48	92	7	800	St	10	-	10	3
Wick	1010.5	0	WSW	3	bc	47	85	8	2500	CuNb	3	Ci	4	0
Castlebay	1016.0	0	WSW	4	opr₀	51	85	7	800	St	10	·	10	4
Nairn	1012.4	*	W	1	bc	49	75	8	4000	Cu	2	Ci.Cu	6	·
Aberdeen	1013.9	0	WSW	2	b	52	65	7	-	-	0	Ci	1	0
Malin Head	1017.2	-2	WSW	5	cjp	53	92	8	4000	CuNb	4	Ci.Cu	7	5
Renfrew	1017.3	0	W	3	c	51	75	7	2500	St	7	-	7	·
Edinburgh (Inchkeith)	1015.1	+2	WSW	4	b	52	75	8	*	~~St~~ (red)	+ (red)	Ci (red)		2
Leuchars	1015.0	+1	W	1	b	51	75	8	-	-	0	-	1	·
Eskdalemuir	1018.0	0	W	3	bc	49	75	8	2500	StCu	6	-	6	·
Tynemouth	1017.9	0	W	1	b	54	75	6	800	St	3	-	3	0
Blacksod Point	1020.0	-2	W	5	c+	54	85	9	*	CuNb	8	-	8	0
Donaghadee	1019.5	0	W	1	bc+	54	75	8	1500	St	5	-	5	2
Birr Castle	1022.2	*	W	2	bc-	53	85	8	4000	Cu	4	-	4	·
Holyhead	1021.0	0	W'S	3	b	53	75	8	-	-	0	A.Cu	2	0
Liverpool (Bidston)	1020.4	-1	WNW	2	bc-	51	75	7	2500	StCu	3	Ci	4	2
Chester (Shotwick)	1020.3	0	W	2	bc	51	85	7	2500	StCu	3	Ci	4	·
Spurn Head	1018.5	+2	N	3	o	53	85	7	2500	StCu	10	-	10	2
Birmingham (Edgbaston)	1020.0	+2	WNW (red)	3	o/r	53	85	6	2500	Nb	10	-	10	· -1 (red)
Nottingham	1019.3	+1	W	3	o	55	75	5	2500	StCu	10	-	10	·
Cranwell	1018.9	+1	WNW	3	c-	55	92	6	1500	St	8	-	8	·
Gorleston	1018.5	0	W'N	2	mmo	60	85	5	4000	Nb	10	-	10	0
Valencia (Cahirciveen)	1024.7	0	W	3	b	55	85	9	1500	StCu	2	A.Cu	3	3
Roches Point	1023.6	0	NW	2	b-	55	75	7	4000	StCu	1	-	1	0
Pembroke (St. Ann's H.)	1022.2	+1	-	0	c-	51	92	8	2500	StCu	7	-	7	3
Ross-on-Wye	1020.0	+1	SW'S	1	o	59	92	8	2500	Nb	10	-	10	·
Leafield	1019.8	+1 (red)	W	1	o+	57	97	4	4000	Cu	9	-	9	·
Andover	1020.7	+1	W'S	3	o	58	97	7	800	St	10	-	10	·
S. Farnborough	1020.2	+1	W	2	mmo	58	92	6	800	StCu	10	-	10	·
London (Kew Obsy.)	1020.3	+2	W'S	1	mmo	59	92	5	800	Nb	10	-	10	·
Croydon	1020.1	+1	W'N	2 (red)	o/r	57	92	6	800	St	7	A.St	10	·
Clacton-on-Sea	1018.4	+1	W	2	o	59	92	4	4000	St	10	-	10	1
Shoeburyness	1019.3	0	W	1	ffo	58	85	3	1500	St	7	A.St	10	·
Grain	1019.7	+1	WSW	3	od₀d₀	57	97	4	450	St	10	-	10	0
Lympne	1019.2	0	WNW	4	or₀	57	92	5	450	Nb	10	-	10	·
Scilly (St. Mary's)	1022.5	0	NWW	2	fo	57	97	3	1500	St	10	-	10	2
Falmouth (Pendennis)	1022.9	0	W	1	o	58	92	6	2500	St	10	-	10	0
Plymouth (Cattewater)	1022.4	0	WNW	3	or	59	97	6	<150	St	10	-	10	0
Portland Bill	1021.6	0	W	3	c	59 (red 9)	92	7	4000	StCu	8	-	8	0
Southampton (Calshot)	1021.2	+1	WSW	3	o	60	92	8	2500	StCu	10	-	10	0
Dungeness	1019.9	0	NW	3	o/r	58	92	7	5700	StCu	10	-	10	4
Jersey	1023.7	0	W	3	o	61	92	8	4000	StCu	10	-	10	0
Guernsey	1023.6	0	W	3	o	58	97	7	1500	St	10	-	10	1

LONDON OBSERVATIONS	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temperature Max.	Temperature Min.	Min. on Grass °F.	Rainfall		Sunshine (hrs.)	Humidity 13h. G.M.T. % Yesterday	Humidity 13h. G.M.T. % To-day
		24 hours ended 0900 G.M.T. 2nd										
Kew (24 hours ended 0700)	18	omodm	odmom	omomd	*	*	42	1	02	0.0	*	*
Croydon (24 hours ended 0700)	244	bofd	oddm	omoff	*	*	45	0.1	02	0.0	*	*
Greenwich (Royal Obsy.)	149	omd	omd	omdbc	59	50	49	1	0.5	0.0	93	74
City (Bunhill Row)	50	*	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	59	50	46	2		0.0	49	74
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	0.0	*	*
Camden Square	110	mo	o ofoof	*	59	48	45	05	1	*	*	82
Kensington Palace	85	oo	odd	*	58	49	43	05	05	*	At 13h	44
Hampstead Observatory	450	*	*	*	60	44	41	05	1	0.0	84	80

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 1st 18 h. 45 m. to 2nd 05 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.30	0.0	Nil
δ Ursae Minoris	10.30	0.0	Nil

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	C,C₂	6	*	106°
18h.	C,C₂	6	-	120°
0h.	C,C₂	6	-	140°
6h.	C,C₂	6	-	135°

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

2nd & 3rd Oct., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.57 / 5.58	11.42 / 11.42	5.27 / 5.25
Greenwich	6.3 / 6.4	11.49 / 11.49	5.35 / 5.33
Wick	6.21 / 6.23	12.1 / 12.1	5.42 / 5.39
Valencia	6.44 / 6.45	12.30 / 12.30	6.14 / 6.1

BEAUFORT NOTATION OF WEATHER.

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

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.

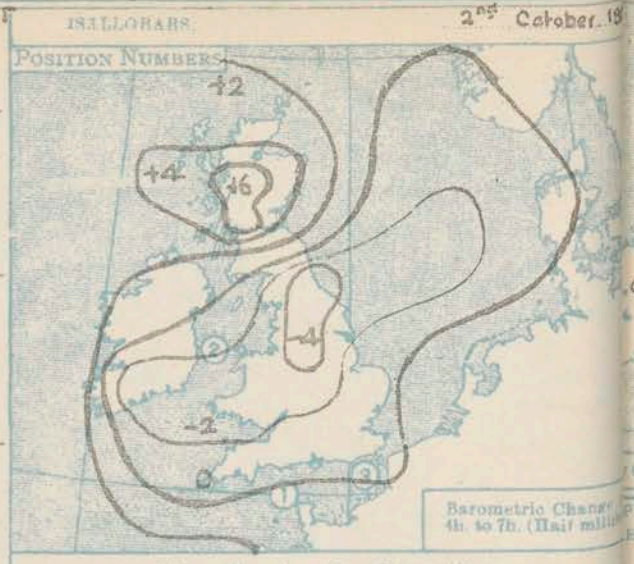
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h.	Weather. 18h.-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. 18 Hours.
Lerwick	bcprq	cprq	bcq	cpr	53	44	•	4	1	1330	03.30	3.4
Stornoway	p	p	p	bcbq	54	43	•	1	.5	-	03.30	4.5
Wick	cp	cpbc	b	ocpq	58	42	•	0.3	1	1330	03.30	•
Castlebay	coc	cop	ob	obcp	55	46	•	0.3	2	-	-	4.1
Nairn	cbeg	bcdc	cq	Rqc	56	42	•	0.2	6	1630	24.00	4.3
Aberdeen	ocbc	b	bcco	p°rc	60	46	40	-	0.4	-	04.30	5.8
Malin Head	cobc	bccov	p°Pr	PRco	58	48	•	~~-~~	1	1230	22.00	6.4
Renfrew	cqoo	ocbc	corq	orcq	59	47	41	-	2	-	22.00	4.8
Edinburgh (Inchkeith)	c	b.bc	p	oir°	56	49	47	1	Trace	-	24.00	5.2
Leuchars	ocbc	bcbyb	bbcwc	cbcb	59	46	36	-	-	-	-	5.7
Eskdalemuir	ob	bccbc	oc	op°bc	55	40	37	-	1	-	02.30	2.9
Tynemouth	oonw	b.m	cm	omq	61	49	46	-	-	-	-	•
Blacksod Point ...	b·bc	c	c	p	60	45	•	-	4	-	-	•
Donaghadee	bc	bc	b	oqb	59	47	•	-	0.4	-	03.30	•
Birr Castle	cor°c	cobc	bcco	bcPR	59	46	38	0.3	4	L0800	0430	4.4
Holyhead	oddmo	cbcb	bbc	oorR	54	51	48	1	2	L0800	-	3.6
Liverpool (Bidston) ...	dom	odbc	cod		54	48	41	-	1	-	0630	0.6
Chester (Shotwick) ...	odg°moq	od°obc	bb	bo°orq	60	41	33	Trace	1	0900	0530	0.3
Spurn Head	ocom	oo	c	o	60	47	•	-	-	-	-	2.2
Birmingham (Edgbaston)	oco	or°d	ocbc	bcc	60	43	36	0.4	-	1430	-	0.1
Nottingham	me	oo	ocb	bbcw	61	42	38	-	-	-	-	0.0
Cranwell	ombo	om	bbc	c	64	43	38	-	-	-	-	1.6
Gorleston ...	OFf	ocom	ombcw	bwbc	63	44	40	-	-	-	-	1.0
Valencia (Cahirciveen)	cbc	cbbc	oq	oro	54	52	47	-	1	-	01.30	6.9
Roches Point	oc	bcb	bw	bod	59	49	•	-	0.4	-	04.30	•
Pembroke (St. Ann's H.)	offo	c	cwbcw	coq	54	49	•	-	-	-	-	0.0
Ross-on-Wye	cow	dopo	odocb	bwcoc	60	43	35	0.1	-	1230	-	0.4
Leafield	?		r:d	r:d	59	40	32	-	0.1	-	-	0.0
Andover	omodd	oe	oorr	orrcbc	60	43	36	0.4	6	1100	<2100	0.0
S. Farnborough ...	or°mm	d°om	omp	orb	59	43	37	Trace	2	0900	24.00	0.0
London (Kew Obsy.) ...	omodm	odmom	amomod	ombbm	59	49	42	1	0.2	0900	24.00	0.0
Croydon	bofd°	od°dom	omr°r°	or°mb	58	49	45	0.1	0.2	0900	24.00	0.0
Clacton-on-Sea ...	ofom	ogm	ogmd	ogcm	61	50	47	-	0.2	-	<2100	0.0
Shoeburyness	offomc	oldof	oid°fc	bcbm	66	50	46	Trace	-	1230	-	0.0
Grain	Fmd°	dedom	odmoc	cbcbm	60	50	45	0.4	0.1	1100	<2100	0.0
Lympne	om	omr	r°m	frR	60	51	46	0.2	2	1530	<2100	0.0
Scilly (St. Mary's) ...	offc	offp°	oc	cq	59	52	•	0.1	-	1630	-	0.0
Falmouth (Pendennis)	co	co	cobc	bc	63	49	•	-	-	-	-	0.8
Plymouth (Cattewater)	oc	or	or	o	64	50	38	0.1	0.6	L0800	<2100	2.4
Portland Bill	c	c	p	c	61	55	•	-	2	-	<2100	•
Southampton (Calshot)	oo	p	oro	bcb	63	45	45	Trace	1	1630	22.00	1.4
Dungeness	F	pr	o	c	63	52	•	0.2	-	1330	-	•
Jersey	oco	bco	od°b	od°bo	63	55	•	-	0.4	-	22.00	0.0
Guernsey	od°	odoo	od°d°	od°	64	54	•	Trace	1	1100	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1st 10h	Anglia	W	4	by	54	56
3	2nd 3h	Dieppe	WNW	3	or°	60	60

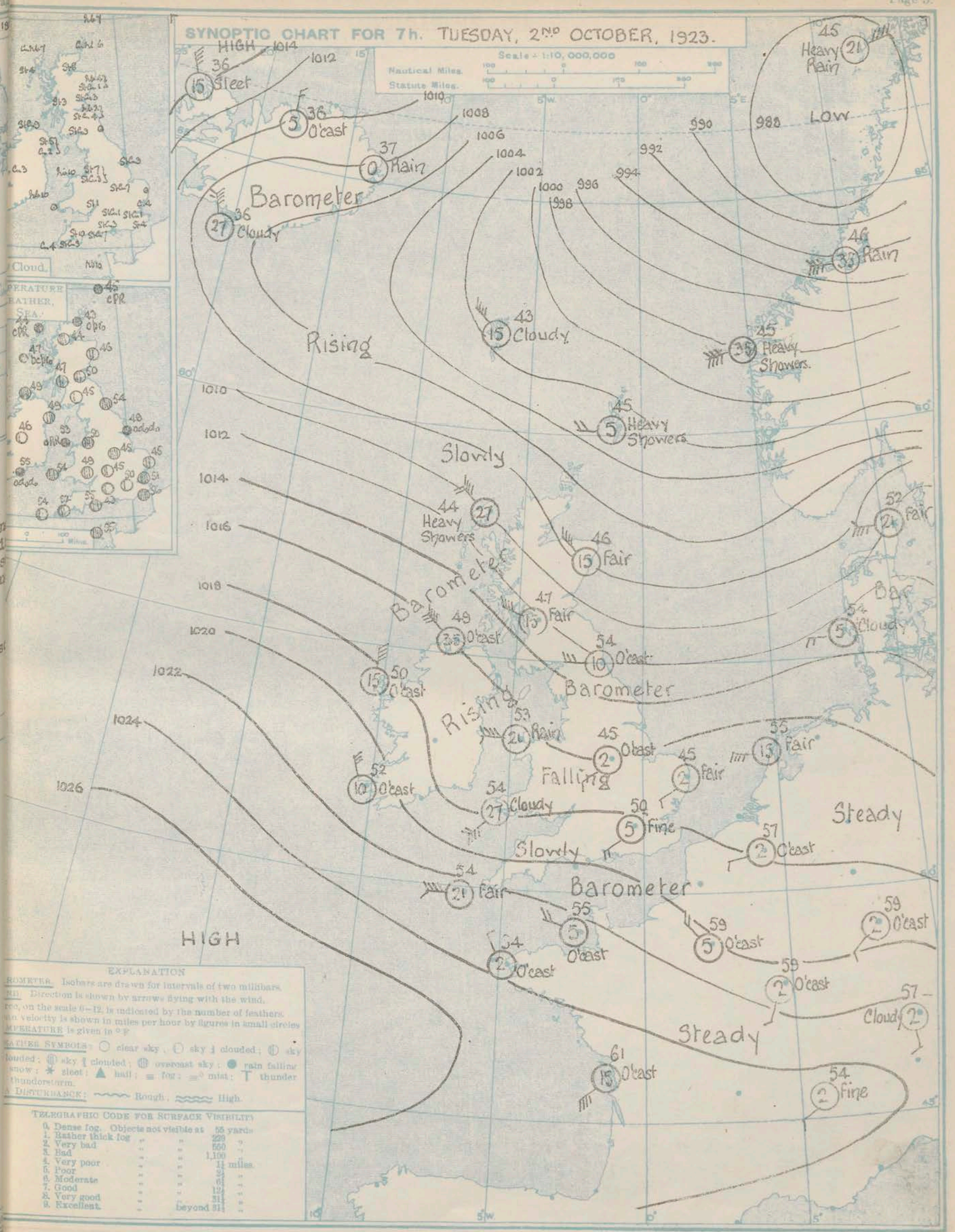
GENERAL INFERENCE.

A trough of low pressure extending from Southern Scotlan to the southwest coasts is movi southeast and is likely to caus some rain today over England an Wales. A northwesterly wind current spreading over the Kingdom in its rear will cause rather lower temperature with s local showers.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 2nd October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind W to NW moderate or fresh; variable sky, some showers; visibility good after slight morning mist; colder, risk of ground frost.	Less settled generally.
5. S.W. England 6. South Wales	Wind W to NW moderate or fresh; some showers, bright intervals; visibility mainly good; colder.	
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	Wind NW strong at times; variable sky, some local showers; visibility mainly good; rather cold; ground frost locally at night.	
19. S.E. Ireland 20. S.W. Ireland	Wind becoming light and variable; some rain and mist; rather cold.	

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:

Page 4. BRITISH SECTION. TUESDAY, 2nd OCTOBER 1923. No. 275

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† 0-6	Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1004.5	0	W	7	bc	44	45	7	4000	Cu	2	Ci	4
Stornoway	51	1004.0	-3	W	3	PR	•	•	5	•	•	•	•	•
Wick	81	1006.0	-4	WSW	1	0	47	85	8	4000	CuNb	6	ASt	10
Castlebay	87	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1009.7	-4	W	8	cPR	53	94	8	5400	CuNb	7	–	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1010.1	-4	WSW	4	0+	51	85	8	–	CuNb	2	ASt	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Bahdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1016.0	-2	W	2	0	50	85	6	–	–	0	ASt	10
Blacksod Point	10	1019.8	+2	SSW	4	obc	53	94	6	–	–	–	–	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1019.2	-2	W'S	4	c	53	85	8	–	–	0	CuSt	7
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1011.9	-1	W	5	b	50	85	6	–	–	0	–	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1019.4	0	WSW	3	mmb	43	94	5	–	–	0	–	0
Gorleston	13	1013.2	0	W	1	bc-	51	92	7	–	–	0	ACu	4
Valencia (Cahirciveen)	30	1021.5	-4	SW	4	c+	54	85	9	–	Cu	7	–	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1022.2	-1	W'N	3	bc	53	85	9	4000	Cu	5	–	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1019.9	-1	WSW	2	ogr	54	94	6	800	Nb	10	–	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1020.2	-1	WNW	1	ffo	56	94	2	<150	St	10	–	10
Scilly (St. Mary's)	131	1024.3	0	NW	4	c	53	92	8	4000	StCu	8	–	8
Falmouth (Pendennis)	200	1024.0	+1	NW	2	b-	55	85	7	2500	Cu	2	–	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1020.2	0	W	4	ofr	53	85	7	2500	Nb	10	–	10
Southampton (Ge. shot)	12	1021.2	-1	W	3	0	54	94	8	2500	StCu	10	–	10
Dungeness	21	1020.0	0	WSW	1	0	53	92	7	5400	StCu	10	–	10
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1023.1	0	W'N	3	0	56	94	6	1500	Nb	10	–	10

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† 0-6	Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	1003.8	0	W	2	cPR	45	92	7	4000	Nb	7	ASt	8
Stornoway	1003.5	+3	NW	6	cPR	44	85	7	1500	CuNb	7	–	7
Wick	1006.3	+2	NNW	3	bcpr	43	92	8	2500	CuNb	6	–	6
Castlebay	1013.3	+4	NW	5	bcpr	47	75	8	2500	CuNb	6	–	6
Nairn	1003.7	•	–	0	c+	44	85	8	1500	St	8	–	8
Aberdeen	1007.5	+5	NW	4	bc-	46	85	8	1500	Nb	5	–	5
Malin Head	1015.9	+3	NW	7	o	49	75	9	5400	StCu	9	–	9
Renfrew	1012.5	+4	WNW	4	bc-	47	75	8	1500	St	3	Ci	4
Edinburgh (Inchkeith)	1003.6	+6	NW	4	bcjp	50	85	8	–	StCu	6	–	6
Leuchars	1008.6	+2	WNW	2	b-	48	75	8	4000	StCu	3	–	3
Bahdalemuir	1010.0	-2	W	7	b-	45	85	8	2500	StCu	3	–	3
Tynemouth	1011.0	-5	W	3	o	54	75	6	4000	StCu	10	–	10
Blacksod Point	1019.7	+3	N	4	o	50	75	8	–	–	–	–	9
Donaghadee	1015.3	+1	WNW	4	c	49	85	8	450	St	7	–	7
Birr Castle	1018.6	•	NW	2	b-	46	94	6	2500	Cu	3	–	3
Holyhead	1016.4	-1	W	5	cRR	53	94	6	450	Nb	10	–	10
Liverpool (Bidston)	1015.4	-2	SW	3	o/r	50	94	7	1500	St	10	–	10
Chester (Shotwick)	1015.9	-3	WSW	5	or-	52	85	7	1500	Nb	10	–	10
Spurn Head	1015.3	-2	SW	4	o	48	85	5	5400	StCu	3	ASt	10
Birmingham (Edgbaston)	1018.1	-3	SSW	3	c-	47	85	8	–	–	0	ASt	8
Nottingham	1016.6	-4	SW	1	o+	45	94	5	2500	StCu	7	CuSt	10
Cranwell	1016.7	-3	SW'W	3	o	47	94	6	4000	St	9	–	9
Gorleston	1018.2	-1	SW	1	bc+	45	92	6	–	–	0	Ci	4
Valencia (Cahirciveen)	1020.9	+3	NNW	3	o/r	52	85	7	2500	StCu	9	–	9
Roches Point	1019.2	-3	W	2	obpl	55	94	7	1500	Nb	10	–	10
Pembroke (St. Ann's H.)	1019.3	-3	SW	6	cjp	54	85	7	1500	Nb	8	–	8
Ross-on-Wye	1019.2	-2	WSW	2	c	49	85	8	2500	St	1	ACu	8
Leafield	1019.5	-2	W'S	2	bcpr	45	85	5	–	–	0	CuSt	5
Andover	1020.8	-1	–	0	b-	44	94	6	2500	St	1	ASt	2
S. Farnborough	1020.0	0	W	2	b	43	94	7	4000	StCu	1	–	1
London (Kew Obsy.)	1019.3	0	SW	2	b	50	85	6	2500	StCu	1	–	1
Croydon	1019.9	0	WSW	2	b-	49	92	6	–	–	0	Ci	1
Clacton-on-Sea	1018.8	0	W	2	c-	51	85	6	2500	Cu	4	ACu	7
Shoeburyness	1019.5	-1	NW	1	mb	52	85	6	5400	StCu	1	–	1
Grain	1019.3	0	W	3	b-	51	92	5	2500	Cu	1	–	1
Lympne	1019.3	0	NW	3	imo	62	94	5	<150	St	8	ACu	9
Scilly (St. Mary's)	1025.0	0	W	5	bc-	54	85	8	4000	Cu	4	–	4
Falmouth (Pendennis)	1022.9	0	W	3	bc	52	85	8	4000	StCu	5	–	6
Plymouth (Cattewater)	1022.7	0	WNW	3	o-	53	85	8	1500	St	10	–	10
Portland Bill	1020.3	0	WNW	4	c	55	75	7	4000	StCu	7	–	7
Southampton (Ge. shot)	1021.0	0	WSW	3	o+	49	92	7	4000	StCu	9	–	9
Dungeness	1019.4	-1	NW	2	mo	56	92	4	220	St	4	ACu	10
Jersey	1023.9	0	WNW	2	ofr	55	94	7	1500	Nb	10	–	10
Guernsey	1023.2	+2	NW	3	ofr	54	85	8	4000	StCu	9	–	9

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 30-1°	Temperature Max. Day 1°	Rainfall† Night 17h.-9h. 30-1°	Rainfall† Day 9h.-17h. 1°	Sunshine Sunrise to 17h. 1°	Sunshine Sunrise to Sunset 30
			°F.	°F.	mm.	mm.	hr.	hr.
Montrose	cbcb	bbcb	50	60	-	-	5.9	3.2
Berwick-on-Tweed	coew	cbcbc	51	58	-	-	3.9	10.4
Llandudno	d	occb	56	58	trace	1	1.6	10.5
Colwyn Bay	cr	bc	56	61	-	2	1.6	10.7
Rhyl	oc	cbc	55	58	-	-	1.0	10.4
Southport	oroc	cbc	56	58	0.2	-	2.6	10.3
Blackpool	p	oc	53	57	0.4	-	3.4	9.9
Ilkley	gbcb	b	55	62	-	-	2.4	8.9
Harrogate	co	ocb	54	61	-	-	1.8	5.8
Skegness	o	o	53	63	trace	-	0.8	6.5
Aberystwyth	ooc	o	55	57	-	-	0.0	8.5
Bath	mo	mo	55	61	-	-	0.0	4.4
Leamington Spa	ocb	od	51	61	-	-	0.5	1.9
Lowestoft	omv	o	54	62	-	-	0.2	6.2
Felixstowe	ofom	omv	55	62	-	1	0.4	6.6
Southend	fcme	omc	53	60	-	-	0.0	9.0
Ilfracombe	op	opw	57	59	-	1	0.0	10
Bude	ofr	r	56	61	0.2	1	0.0	10
Paignton	fwac	becam	56	67	0.3	-	2.9	6.1
Torquay	cobc	bcco	56	67	-	-	1.8	6.6
Weymouth	bcc	c	55	66	0.3	-	1.7	3.1
Bournemouth	c	c	54	64	0.3	-	1.8	6.3
Portsmouth (S'thsea)	amcc	bto	53	63	-	-	2.4	6.5
Littlehampton	fom	bcoc	55	62	-	0.1	1.0	5.5
Worthing	to	co	53	63	-	-	1.1	6.2
Brighton	mbbc	o	53	62	-	-	1.5	10.1
Eastbourne	mo	oco	57	62	-	-	1.9	8.1
Hastings	fo	copo	58	63	0.2	0.3	0.9	4.4
Folkestone	m	o	58	70	-	-	1.2	5.1
Dover	Ff	for	59	63	-	-	0.4	9.4
Tunbridge Wells	ocd	ocd	53	60	-	trace	0.2	9.4
Ramsgate	bbce	coro	57	?	-	1	4.3	3.3
Margate	bofo	od	58	66	-	0.4	3.5	3.5
Deal	mbbc	co	57	71	-	trace	3.7	3.7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 23/- 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22595 Wednesday, 3rd October 1923.

STATIONS. (For heights see p. 4).	1300 G.M.T. 2nd: Barom. at M.S.L. (m.b)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. °F.	Humidity. %	Visibility.§ (0-9)	Low Cloud Height (Feet)	Low Cloud Form	Low Cloud Amt. (0-10)	Upper Form.	Total Amt. (0-10)	State of ground.	1800 G.M.T. 2nd: Barom. at M.S.L. (m.b)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. °F.	Humidity. %	Visibility.§ (0-9)	Low Cloud Height (Feet)	Low Cloud Form	Low Cloud Amt. (0-10)	Upper Form.	Total Amt. (0-10)	Sea. (0-9)
Lerwick	1004.0	+1	W	2	bcjp	46	92	7	4000	Cu	6	-	6	•	1005.0	+1	NW	2	bcjp	46	92	7	1400	CuNb	4	Ci	6	1
Stornoway	1011.7	+2	NW	5	o+	48	65	7	800	St	10	-	10	•	1011.9	0	NW	4	oPR-	42	92	7	450	St	10	-	10	3
Wick	1008.4	+3	WNW	4	bcjp	49	65	8	2500	CuNb	5	-	5	•	1008.6	+0	WNW	3	cpr₀	43	75	8	1500	CuNb	3	CiCu	7	0
Castlebay	1015.3	0	NW	4	bc	49	75	8	2500	Cu	6	-	6	•	1012.9	-1	W	4	cpr₀	48	75	8	1500	CuNb	7	-	7	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•	1011.3	*	WNW	2	bc-	43	85	8	4000	Cu	3	CiCu	6	•
Aberdeen	1011.0	+2	NNW	4	bjp	52	55	8	4000	CuNb	3	-	3	0	1011.9	+1	WNW	4	bc	46	75	8	4000	StCu	4	-	4	0
Malin Head	1017.0	+1	WNW	6	bc	53	75	8	4000	Cu	5	-	5	•	1016.0	-1	WNW	3	cPR	49	85	8	4000	CuNb	5	CiCu	7	6
Renfrew	1015.2	+2	WNW	5	bc/r	52	65	8	5700	CuNb	5	Ci	6	1	1015.0	0	WNW	3	o+	46	85	7	2500	St	9	-	9	•
Edinburgh (Inchkeith)	1012.3	+2	W	4	bc	52	65	8	*	Cu	5	-	5	•	1012.7	+2	W	4	c+	49	75	8	*	StCu	7	-	7	3
Leuchars	1012.0	+2	NW	4	b	52	55	8	4000	Cu	3	-	3	0	1012.6	+0	W	3	bc+	47	75	8	4000	StCu	2	ASt	5	•
Eskdalemuir	1015.3	+3	WNW	5	o+	49	75	8	2500	StCu	9	-	9	1	1015.0	-0	W	3	c	43	75	8	2500	StCu	1	CiSt	7	•
Tynemouth	1014.4	+3	W	3	bc-	53	55	7	4000	Cu	5	-	5	•	1014.9	+1	W	2	b-	50	75	6	4000	Cu	3	-	3	1
Blacksod Point	1019.5	0	NNW	4	bc-	54	75	9	*	*	*	*	5	•	1019.4	-1	W'N	5	o	50	75	9	*	*	*	*	10	4
Donaghadee	1017.7	0	NW	3	bc	54	65	8	1500	Cu	4	-	4	•	1017.4	0	W	3	c/r	48	85	8	800	CuNb	5	Ci	7	3
Birr Castle	1021.4	*	W	2	c+	53	97	8	4000	Cu	8	-	8	•	1020.2	*	W	1	c	50	75	7	4000	Cu	6	ACu	8	•
Holyhead	1019.0	+2	NNW	4	c	53	65	8	4000	Cu	7	-	7	1	1018.4	-1	NW	4	bc	52	75	8	4000	StCu	3	ACu	5	4
Liverpool (Bidston)	1017.1	+2	W'N	4	c-	53	65	8	2500	Cu	7	-	7	•	1017.4	-1	WNW	3	c+	50	75	7	2500	StCu	8	-	8	3
Chester (Shotwick)	1018.1	+3	NW'W	6	c-	54	65	8	4000	StCu	8	-	8	5	1017.8	-0	WNW	3	bc+	49	75	8	2500	StCu	5	-	5	•
Spurn Head	1014.6	-1	NW	5	c	56	85	7	2500	StCu	7	-	7	•	1015.8	+2	NNW	2	c	53	75	7	2500	StCu	7	-	7	2
Birmingham (Edgbaston)	1017.8	0	WNW	4	o/r	50	92	6	2500	Nb	10	-	10	2	1018.0	0	WNW	4	bc	49	65	6	-	-	0	Ci	5	•
Nottingham	1016.3	0	W	4	b-	56	75	7	2500	StCu	8	ACu	9	•	1016.7	+1	WNW	2	b	50	75	5	-	-	0	-	0	•
Cranwell	1016.0	0	W	4	b	59	85	6	2300	StCu	2	-	2	0	1017.2	+1	WNW	3	b	47	92	6	-	-	0	ASt	1	•
Gorleston	1017.0	-1	W	4	c+	57	75	7	5700	Cu	4	ASt	8	•	1017.1	0	NNE	2	o+	54	85	7	4000	Nb	10	-	10	0
Valencia (Cahirciveen)	1023.2	+1	NW	3	co	56	65	9	4000	StCu	4	CiSt	8	0	1022.5	-1	WNW	2	o	53	75	9	4000	StCu	7	ASt	10	3
Roches Point	1021.5	+2	NNW	3	o	55	65	9	2500	StCu	8	CiSt	10	•	1020.9	0	NW	2	c-	51	75	8	4000	StCu	2	Ci	7	0
Pembroke (St. Ann's H.)	1019.5	0	N	4	c	54	85	7	4000	StCu	8	-	8	•	1020.2	+1	NE	2	c	50	75	7	4000	StCu	8	-	8	4
Ross-on-Wye	1017.6	-1	W	2	or₀+	58	85	8	2500	Nb	10	-	10	5	1017.7	0	NE	2	o	53	75	9	4000	StCu	10	-	10	•
Leafield	1017.9	-2	SW	4	o+	56	85	8	4000	St	6	ASt	10	*	1018.4	-1	NNE	1	o/r	50	92	3	4000	St	9	-	9	•
Andover	1019.4	-1	WSW	4	o+	56	85	8	1500	St	10	-	10	0	1017.3	-3	WSW	3	odd	55	97	4	800	Nb	10	-	10	•
S. Farnborough	1019.0	-1	W'S	3	opr₀	57	85	7	2500	StCu	10	-	10	0	1016.8	-3	SW	3	o	56	92	7	2500	StCu	10	-	10	•
London (Kew Obsy.)	1018.5	-1	SW	2	or₀	58	75	7	5700	StCu	8	ASt	10	1	1016.9	-2	SW	1	od₀d₀	56	85	7	1500	St	10	-	10	•
Croydon	1018.9	-1	W'S	3	o/r	57	75	7	2500	St	8	ASt	10	1	1017.5	-1	SW'S	2	od₀d₀	54	97	6	1500	St	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.5	-1	W	2	o+	58	75	6	2500	StCu	10	-	10	0
Shoeburyness	1017.9	-2	WSW	3	mmo	60	65	6	2500	StCu	9	-	9	•	1016.9	-2	W'N	2	mmo	57	85	6	1500	St	10	-	10	•
Grain	1018.1	-1	W'S	5	c+	61	65	6	4000	StCu	8	-	8	0	1017.0	-1	SSW	3	o	57	85	6	1500	St	10	-	10	0
Lympne	1018.3	-2	WNW	4	o	60	65	8	2500	St	10	-	10	5	1017.2	-2	W	3	o	57	85	7	800	St	10	-	10	•
Scilly (St. Mary's)	1022.6	-2	W'S	5	od	57	97	5	2500	Nb	10	-	10	•	1021.3	0	NW'W	3	o	53	92	8	4000	StCu	10	-	10	3
Falmouth (Pendennis)	1021.2	-3	~~W'S~~	5	odd₀	56	92	6	1500	Nb	10	-	10	•	1020.3	0	NNW	3	c-	55	75	8	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1021.0	-2	WSW	4	odd	55	97	6	<150	St	10	-	10	1	1019.7	0	WNW	3	o-	56	85	8	1500	StCu	10	-	10	0
Portland Bill	1020.9	-2	WNW	4	or	57	75	7	4000	StCu	10	-	10	•	1017.2	-4	W	4	or₀	58	92	7	2500	Nb	10	-	10	4
Southampton (Calshot)	1019.7	-2	WSW	4	o+	59	75	8	2500	StCu	10	-	10	0	1017.5	-3	SW	4	o	57	92	8	1500	StCu	10	-	10	0
Dungeness	1019.2	-1	W	3	c+	62	75	7	4000	Cu	5	ACu	7	•	1019.0	-2	W	3	o	57	85	7	-	-	0	ASt	10	4
Jersey	1022.5	-0	W	3	c	59	65	8	4000	StCu	7	-	7	•	1020.9	-1	W	4	o	52	85	8	1500	Nb	10	-	10	3
Guernsey	1022.7	-2	W'N	4	c-	57	75	8	4000	Cu	6	CiCu	8	•	1020.9	-3	W	4	od₀d₀	55	97	3	800	St	10	-	10	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning (24 Hours ended 0900 G.M.T. 3rd)	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 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew } 24 hours ended 0700	18	bcor₀	or₀dd₀	bdor₀r₀o	*	*	35	Tr.	3	3.9	*	*
Croydon } 24 hours ended 0700	244	bmcor₀	or₀d₀	od₀m₀d₀	*	*	36	0.1	2	4.6	*	*
Greenwich (Royal Obsy.)	149	bo	od	or₀co	61	43	35	0.3	3	4.1	49	80
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	3.5	*	*
Westminster (St. James' Pk.)	27	*	*	*	59	42	34	2		4.0	81	41
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	2.9	*	*
Camden Square	110	bc	co	*	59	43	38	-	4	*	*	84
Kensington Palace	80	bco	oo	*	59	42	35	-	2	*	At 18h	49
Hampstead Observatory	450	*	*	*	59	41	38	3	-	3.3	*	84

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 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 18 h. 45 m. to 3rd 05 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.30	1.28	14
δ Ursae Minoris	10.30	1.4	10

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	C	6	-	135°
18h.	C₁C₂	7	-	80°
01h.	C₁C₂	5	-	100°
07h.	C₁C₂	5	-	138°

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

3rd & 14th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.58 / 6.0	11.42 / 11.42	5.25 / 5.23
Greenwich	6.4 / 6.7	11.49 / 11.49	5.33 / 5.31
Wick	6.13 / 6.26	12.1 / 12.1	5.39 / 5.36
Valencia	6.45 / 6.47	12.30 / 12.30	6.14 / 6.12

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 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. 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.

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.

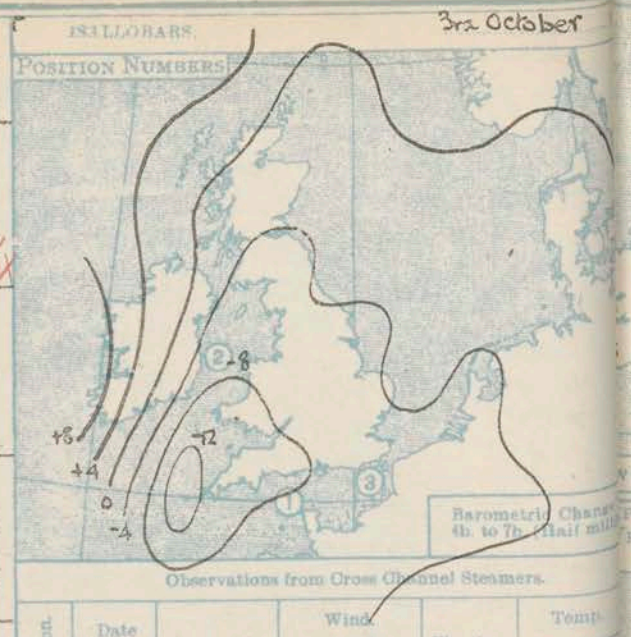
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 2nd	13h.-18h. 2nd	18h. 2nd to 1h. 3rd	1h.-7h. 3rd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL‡ Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 2nd Hours.
Lerwick	cpr	cpr	cpr	c	55	41	•	2	2	<0800	<21.00	5.0
Stornoway	c	p	c	cb	49	34	•	1	5	–	–	2.7
Wick	cpbcq	cp	bbc	bbc	49	36	•	2	–	<0800	–	•
Castlebay	copc	copcp	co	oPbC	50	41	•	0.4	2	–	–	6.1
Nairn	cbcdq	bcpc	cpcx	bc	51	33	•	0.2	–	12.30	–	6.6
Aberdeen	bcbq	b-bc	bc	co	52	36	30	–	–	–	–	7.5
Malin Head	cobcq	coPR	PRr	rPR	54	40	•	1	4	15.30	<2100	6.1
Renfrew	bcbcp	bcbpc	oo	oor	53	41	34	0.2	2	12.30	02.30	8.1
Edinburgh (Inchkeith)	c	c	c	o	52	44	42	–	–	–	–	9.3
Leuchars	bby	byb	bcco	o	55	38	29	–	–	–	–	9.1
Eskdalemuir	cbo	ocpc	coc	codm	51	38	36	0.1	1	13.30	06.30	4.1
Tynemouth	cmq	b-bcm	cm	o	58	44	40	–	Trace	–	06.30	•
Blacksod Point	bbc	b-bc	r:d	b	56	43	•	0.3	19	–	–	•
Donaghadee	bc	bcp	cd	or	55	43	•	1	5	17.30	24.00	•
Birr Castle	co	co	co	oiR	55	44	42	–	11	–	01.30	4.3
Holyhead	oRoc	cobc	bcco	oRrr	54	46	44	0.1	4	<0800	04.30	5.8
Liverpool (Bidston)	poc	bco	co	b	55	45	42	–	1	–	24.00	3.9
Chester (Shotwick)	or.bcq	cqcc	bcobcc	ocorrm	56	42	34	Trace	0.1	<0800	06.30	2.4
Spurn Head	c	c	bbc	c	58	44	•	–	–	–	–	6.1
Birmingham (Edgbaston)	odr	oobc	bc	bco	54	41	34	0.6	–	11.00	–	0.5
Nottingham	d.	b-bc	b	c	57	39	33	Trace	–	11.00	–	1.9
Cranwell	op.c	b-bc	bbc	c	59	34	31	–	–	–	–	5.9
Gorleston	bbc	cou	o	om	59	41	41	–	–	–	–	3.0
Valencia (Cahirciveen)	c	co	or	oro	56	48	45	–	8	–	22.00	2.3
Roches Point	o	oc	bor	rrc	56	49	•	–	5	–	24.00	•
Pembroke (St. Ann's H.)	oo	c	o	oqrr	56	44	•	2	4	<0800	01.30	0.5
Ross-on-Wye	coc	poco	ocorco	gddor	60	42	33	0.5	0.5	14.30	04.30	2.0
Leafield	oo	r-d	c	c	56	34	32	2	–	14.30	–	1.9
Andover	bmbco	oodd.	ooddmo	oor	58	44	43	1	0.5	17.30	<2100	1.2
S. Farnborough	bccop	opro	orro	om	61	43	41	0.1	2	12.30	<2100	3.9
London (Kew Obsy.)	bcoor	oroo	odprro	oorm	58	45	35	Trace	3	12.30	<2100	3.9
Croydon	bmcor	oroo	oqmd	ocm	59	43	36	0.1	2	<0800	<2100	4.6
Clacton-on-Sea	cmbcc	cog	ogb	ogcbm	60	40	36	–	1	–	<2100	4.8
Shoeburyness	bmbccm	om	omrcm	cm	62	40	33	–	3	–	<2100	4.9
Grain	bmbcz	opro	oiro	orm	62	39	31	Trace	1	–	22.00	4.4
Lympne	obcom	oro	orrm	or.m	61	43	41	Trace	2	15.30	22.00	5.2
Scilly (St. Mary's)	bccm	oimr	bc	comx	54	49	•	1	5	12.30	04.30	1.3
Falmouth (Pendennis)	bcom	omdco	cobcc	cor	54	48	•	0.2	8	11.00	03.30	1.5
Plymouth (Cattewater)	od	oddo	oco	orr	54	49	41	Trace	4	13.30	04.30	1.0
Portland Bill	c	c	c	c	59	50	•	Trace	Trace	17.30	06.30	•
Southampton (Calshot)	co	oo	c	o	60	46	46	–	Trace	–	<2100	2.1
Dungeness	mpf	oo	r:d	or	63	46	•	–	5	–	22.00	•
Jersey	obcc	oco	orro	orro	62	50	•	–	6	–	22.00	3.1
Guernsey	cbcc	cod.	odd.b	odd.c	59	50	•	0.3	4	15.30	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	2nd 10h	Anglia	NW	5	bc	51	56
1	2nd 12h	Ibex	NNW	5	c–	54	59
3	3rd 3h	Brighton	NNW	2	opr.	55	60

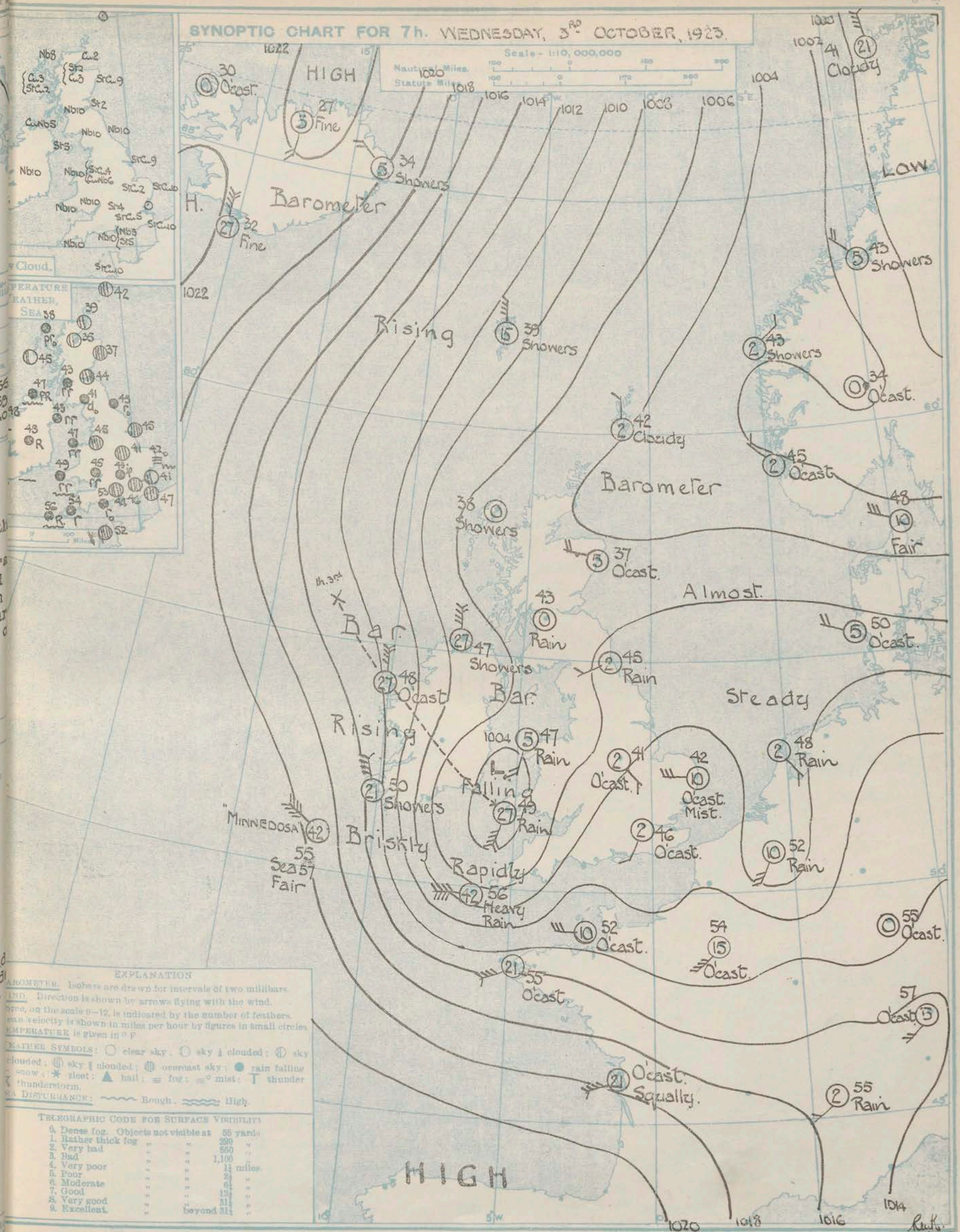
GENERAL INFERENCE.

An intense secondary depression now centred over th Bristol Channel will cross England today causing heavy ra with gales in places followed an improvement spreading from West. In its rear temperatur will be rather low with N.W. o N winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, October, 3rd, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S or SW strong, a gale at times, veering NW to N; rainy at first, showers and bright intervals later; visibility moderate to good; colder.	Cold and unsettled.
4. W. Midlands 5. S.W. England 6. South Wales	Wind NW or N strong to a gale moderating; showery; visibility good; rather cold.	----
7. North Wales 8. N.W. England	Northerly winds, strong at times; showery; visibility good; rather cold.	South Cone hoisted at 0230 GMT and 0900 GMT tod
9. N. Midlands 10. N.E. England	Light variable winds, freshening from N; some rain early, showery later; visibility moderate; rather cold.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Northerly winds moderate to strong; variable sky, some showers; visibility good; cold.	----
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N to NW strong to a gale, moderating; showery, bright intervals; visibility good; rather cold.	

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

‡ 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, 3rd October.....1923. No. 276.

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	1005.4	0	NNW	1	c/p	44	92	6	4000	CuNb	4	CiSt	4
Stornoway	51	1006.2	-4	NNW	1	0	.	.	.	.	.	.	.	.
Wick	81	1005.8	-3	NSW	2	c+	40	92	8	-	-	0	CiSt	8
Castlebay	37	.	.	.	.	.	.	.	.	.	.	.	.	.
Kairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	71	1002.0	-6	S	3	or	46	92	8	4000	Nb	3	ASt	10
Renfrew	36	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	190	1006.7	-3	WSW	3	o+	45	85	7	-	StCu	4	ASt	9
Leuchars	36	.	.	.	.	.	.	.	.	.	.	.	.	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	118	1012.0	-3	SW	1	o+	46	85	6	800	St	10	-	10
Blacksod Point ...	10	1003.5	-9	SW	5	cPR+	48	92	6	-	-	-	-	10
Donaghadee	35	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	175	.	.	.	.	.	.	.	.	.	.	.	.	.
Holyhead	20	1013.2	-5	W'S	3	o	50	95	8	2500	StCu	7	CiSt	10
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	26	1012.8	-4	W	3	bc	46	92	6	-	-	0	CiSt	4
Birmingham (Edgbaston)	525	.	.	.	.	.	.	.	.	.	.	.	.	.
Nottingham	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	237	1014.5	-2	W'S	3	nmb	34	94	5	-	-	0	-	0
Gorleston	13	1013.8	-2	W'N	2	o	46	85	6	4000	StCu	10	-	10
Valencia (Cahirciveen)	30	1011.2	-8	SW	4	oRR	52	94	8	-	St	10	-	10
Roches Point	32	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	149	1014.8	-5	NW	3	o	53	85	9	4000	StCu	10	-	10
Rose-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.
Leafield.	186	.	.	.	.	.	.	.	.	.	.	.	.	.
Andover	295	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	18	.	.	.	.	.	49	.	.	.	.	.	.	.
Croydon	244	1014.6	-4	NNW	1	o/r	48	85	6	1500	StCu	10	-	10
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	20	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	350	1013.4	-4	N'E	4	or	47	97	4	800	Nb	10	-	10
Scilly (St. Mary's) ...	131	1019.4	-2	W	2	bc+	52	85	8	4000	CuNb	6	-	6
Falmouth (Pendennis)	200	1017.6	-2	NW	2	c+	49	95	8	4000	StCu	7	-	.
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	19	1016.8	-2	NW	3	c	50	94*	7	4000	StCu	8	-	8
Southampton (Calshot)	12	1014.9	-4	NW	3	c+	50	85	7	4000	StCu	8	-	8
Dungeness	21	1013.3	-4	N	3	or	49	92	7	5700	Nb	5	CiSt	10
Jersey	26	.	.	.	.	.	.	.	.	.	.	.	.	.
Guernsey	—	1017.5	-2	NW	2	bc+	51	85	8	-	-	0	ACu	6

Observations at 1700 G.M.T.....3rd.....

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-13	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	[illegible]
Lerwick	1005.2	0	N	1	c	42	92	7	-	-	0	ASt	4	0
Stornoway	1004.9	+2	-	0	c/pr	38	94	7	800	Nb	8	-	8	0
Wick	1004.0	0	SSW	1	bc	39	85	8	5700	Cu	2	CiSt	4	0
Castlebay	1006.0	0	NW	4	bc	45	75	8	2500	Cu	5	-	5	0
Kairn	1004.4	.	-	0	bc	35	85	8	1500	Cu	5	-	5	.
Aberdeen	1005.1	-2	WNW	2	o	34	92	8	4000	StCu	9	-	9	0
Malin Head	1009.0	+1	N	6	cPR	47	85	8	5700	CuNb	5	CiCu	7	6
Renfrew	1005.2	-4	-	0	orr	43	94	6	2500	Nb	10	-	10	.
Edinburgh (Inchkeith)	1005.0	-4	WSW	2	o	44	85	7	-	St	2	ASt	10	1
Leuchars	1004.5	-2	-	0	o	40	94	8	-	-	0	ASt	10	.
Eskdalemuir	1005.6	-4	-	0	od+	41	94	6	1500	Nb	10	-	10	.
Tynemouth	1006.1	-3	SW	1	or	45	92	6	1500	Nb	10	-	10	0
Blacksod Point ...	1011.9	+8	N	6	o	48	65	8	-	-	-	-	10	6
Donaghadee	1006.4	-4	W	1	orr	43	97	7	450	St	5	ASt	10	0
Birr Castle	1006.9	.	W	3	oR	45	97	6	2500	Nb	10	-	10	.
Holyhead	1004.3	-7	SW	2	orr	44	92	6	1500	Nb	10	-	10	0
Liverpool (Bidston) ...	1004.7	-6	S	2	o/r	45	92	5	1500	CuNb	10	-	10	3
Chester (Shotwick) ...	1005.4	-9	SSE	2	orr	44	92	6	2500	Nb	7	ASt	10	.
Spurn Head	1010.0	-4	N	3	o	45	95	6	4000	StCu	9	-	9	7
Birmingham (Edgbaston)	1006.3	-8	S	3	o-	43	85	7	4000	StCu	7	ASt	10	.
Nottingham	1006.4	-8	SE	1	o	41	92	5	2500	StCu	2	ASt	10	.
Cranwell	1007.0	-8	W	2	o	42	92	6	4000	StCu	6	ASt	10	0
Gorleston	1008.1	-3	W'N	3	mo+	42	92	4	4000	StCu	10	-	10	.
Valencia (Cahirciveen)	1014.3	+2	NNW	5	cPR	50	75	8	1500	Cu	8	-	8	5
Roches Point	1008.8	-3	N	8	c/r	49	92	8	2500	Nb	7	-	7	6
Pembroke (St. Ann's H.)	1002.9	-11	SSW	6	orr	49	94	6	1500	Nb	10	-	10	6
Rose-on-Wye	1006.0	-11	SSE	2	orr	45	92	7	2500	Nb	10	-	10	.
Leafield.	1007.1	-5	SW	2	o/p	43	92	5	-	St	4	ASt	9	.
Andover	1008.9	-8	SSW	2	orr	45	92	7	800	St	10	-	10	.
S. Farnborough ...	1008.7	-7	-	0	o	44	92	6	4000	StCu	4	ASt	10	.
London (Kew Obsy.) ...	1009.5	-7	S'W	1	o	46	92	6	4000	StCu	5	ASt	10	.
Croydon	1009.3	-6	SW'S	1	o	44	92	6	2500	StCu	1	ASt	10	.
Clacton-on-Sea ...	1008.5	-3	NNW	2	bc	41	92	6	-	-	0	Cu	5	0
Shoeburyness	1008.1	-4	W'S	1	mmbc	46	85	6	4000	StCu	1	CiSt	6	0
Grain	1008.8	-5	NSW	3	o	46	85	5	2500	St	8	ASt	10	.
Lympne	1009.0	-4	NNW	2	o/r	44	85	6	4000	StCu	10	-	10	.
Scilly (St. Mary's) ...	1007.6	-13	W	8	oR	56	91	6	4000	Nb	10	-	10	8
Falmouth (Pendennis)	1005.5	-9	W	6	or-	54	92	6	2500	Nb	10	-	10	0
Plymouth (Cattewater)	1006.4	-3	SW	5	oRR	50	94	7	1500	Nb	10	-	10	3
Portland Bill	1008.1	-12	SW	3	or	53	65	7	2500	Nb	10	-	10	0
Southampton (Calshot)	1009.3	-8	SSW	3	or	51	75	7	2500	Nb	10	-	10	0
Dungeness	1009.1	-4	NW	2	o	47	92	6	5700	StCu	10	-	10	.
Jersey	1011.4	-3	W	3	o/r	52	85	8	4800	StCu	10	-	10	7
Guernsey	1011.3	-6	W	2	cd	50	85	8	2500	Nb	8	-	8	7

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

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	b	bbc	46	56	1	-	9.3	5.9
Berwick-on-Tweed	cbcbc	bz	48	56	-	-	9.1	4.1
Llandudno	c	ccb	52	54	2	-	2.8	2.0
Colwyn Bay ...	bc	bc	49	53	1	-	4.0	?
Rhyl	rcbc	bc	45	54	2	-	3.7	1.2
Southport	bccbc	b	51	53	2	-	7.0	2.6
Blackpool	rcc	bc	52	55	3	-	5.3	3.5
Ilkley	cb	cb	43	57	1	-	7.3	2.4
Harrogate	b	b	45	57	0.3	-	8.2	1.8
Skegness	oro	ob	41	60	-	0.3	5.1	1.8
Aberystwyth ...	rcc	b	45	56	2	-	1.5	0.0
Bath	cg	or	44	57	3	3	0.5	0.0
Leamington Spa ...	cb	pbcz	41	58	0.1	0.2	0.7	0.5
Lowestoft	o	bco	44	59	0.1	-	1.5	0.2
Felixstowe	bcz	ozcd	50	59	0.2	-	4.5	0.4
Southend	bc	co	50	61	-	-	4.7	0.0

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	od	od	53	57	3	2	0.0	0.0
Bude	o	orro	54	62	-	2	0.1	0.0
Paignton	bccq	bccor	47	61	1	-	3.2	2.9
Torquay	bc	bcco	49	60	-	-	2.9	1.8
Weymouth	bc	co	48	66	1	-	2.3	1.7
Bournemouth ...	bbc	o	46	60	1	-	3.6	1.8
Portsmouth (S'thsea)	bob	co	49	60	2	-	2.7	2.4
Littlehampton ...	bc	oc	48	59	1	-	3.7	1.0
Worthing	bcc	co	50	61	1	-	6.0	1.1
Brighton	cbcc	co	51	60	-	-	5.0	1.5
Eastbourne	bbc	co	53	62	0.3	-	6.8	1.9
Hastings	wbbc	bcco	53	62	Trace	-	5.8	0.9
Folkestone	o	o	54	61	0.4	-	5.2	1.2
Dover	id bcb	bcido	54	63	Trace	-	5.4	0.4
Tunbridge Wells ...	b	bco	50	60	1	-	4.9	0.2
Ramsgate	obc	bco	?	?	?	?	5.4	4.5
Margate	bcb	bco	54	60	0.1	-	5.2	3.5
Deal	bcb	bcpc	52	64	-	Trace	5.7	3.7

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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 2. ‡ See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22596 Thursday, 4th October 1923. Page 1.

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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1008·4	+5	NE	3	bc	47	85	8	4000	Cu	3	A.Cu	5	·
Stornoway	1010·1	+6	NW	4	cpr₀	49	85	7	14000	Nb	7	–	7	·
Wick	1006·8	+4	NW	1	c+	47	75	8	5700	Cu	4	Ci.St	9	·
Castlebay	1011·5	+3	~~SSE~~ NNW	5	bcPR	47	85	8	1500	Cu.Nb	6	–	6	·
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1006·9	+2	N	2	bc+	50	65	8	4000	Cu	5	Ci	6	0
Malin Head	1011·0	+6	NNW	7	cPR	49	92	8	4000	Cu.Nb	5	Ci.Cu	8	·
Renfrew	1007·5	+4	NW	2	o/r	44	85	8	800	St	10	–	10	2
Edinburgh (Inchkeith)	1005·9	+2	NE	3	ojp	48	75	8	–	Cu	4	Ci.St	10	·
Leuchars	1005·5	+2	N	3	ojp	50	65	8	4000	Cu.Nb	6	A.Cu	9	0
Eskdalemuir	1005·7	+1	N'W	4	o/r	43	85	7	1500	Nb	10	–	10	2
Tynemouth	1005·0	0	N	1	o	48	75	7	4000	Cu	9	–	9	·
Blacksod Point	1017·1	+5	N	5	o	50	75	9	*	*	*	*	10	·
Donaghadee	1008·5	+1	N	5	bc–	50	75	8	900	Cu	2	St.Cu	5	·
Birr Castle	1012·8	+.	NW	3	cpr₀	50	75	7	4000	St.Cu	7	–	7	·
Holyhead	1003·7	+2	N	7	c/r	49	75	8	1500	Nb	6	A.Cu	8	2
Liverpool (Bidston)	1003·7	0	W	1	or–	44	92	6	1500	Nb	10	–	10	·
Chester (Shotwick)	1003·8	0	NW	3	orr	45	92	6	1500	Nb	10	–	10	1
Spurn Head	1002·8	–4	WNW	2	orr	47	92	5	1500	Nb	10	–	10	·
Birmingham (Edgbaston)	1002·3	–3	NE	4	orr	43	85	4	2500	Nb	10	–	10	2
Nottingham	1002·4	–3	NNE	2	or₀r₀	45	92	5	1500	St	10	–	10	·
Cranwell	1002·9	–3	NNW	2	orr	45	97	6	1500	Nb	10	–	10	2
Gorleston	1002·7	–5	NW	1	od₀	47	92	4	4000	St.Cu	10	–	10	·
Valencia (Cahirciveen)	1019·5	+4	NNW	6	c–	54	65	9	4000	St.Cu	7	–	7	1
Roches Point	1013·7	+4	NNW	7	bc	54	65	8	4000	Cu	4	–	4	·
Pembroke (St. Ann's H.)	1008·1	+8	NW	6	c	51	65	7	2500	Cu	7	–	7	·
Ross-on-Wye	1004·7	0	N	3	oRR	43	92	6	1500	Nb	10	–	10	2
Leafield	1000·0	–8	NNE	5	oRR	42	97	6	2500	St	10	–	10	*
Andover	996·3	–15	E'N	3	orr	47	97	6	450	Nb	10	–	10	2
S. Farnborough	997·5	–13	ENE	4	orr	45	97	6	800	Nb	10	–	10	2
London (Kew Obsy.)	998·9	–12	ENE	4	orr	46	85	5	800	Nb	10	–	10	2
Croydon	1000·1	–10	E	3	orr	45	91	6	1500	St	10	–	10	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1001·2	–8	ENE	1	or₀r₀	47	75	8	1500	Nb	10	–	10	·
Grain	1001·0	–8	ESE	2	or₀r₀	47	85	7	800	Nb	10	–	10	1
Lympne	1000·3	–11	E	3	orr	45	97	6	1500	Nb	10	–	10	1
Scilly (St. Mary's)	1011·5	+7	NNW	9	bc–	53	65	7	4000	Cu	5	–	5	·
Falmouth (Pendennis)	1007·6	+5	NW	8	bc/r	53	55	8	5700	Cu	5	–	5	·
Plymouth (Cattewater)	1003·7	+4	NNW	8	bcjp	50	75	8	2500	Cu	5	–	5	2
Portland Bill	999·7	–16	W	7	cr₀	53	75	7	2500	Nb	8	–	8	·
Southampton (Calshot)	996·6	–17	WSW	3	o/r	56	92	8	800	St.Cu	10	–	10	*
Dungeness	1001·1	–8	SW	3	orr	50	92	6	4000	Nb	6	Ci.St	10	·
Jersey	1001·4	–1	W	6	o/r	54	85	8	4000	St.Cu	10	–	10	·
Guernsey	1001·9	–4	WNW	9	o/r	53	85	7	1500	Nb	10	–	10	*

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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1012·2	+7	N	4	bc/r	45	85	8	5700	St.Cu	3	A.St	4	3
Stornoway	1014·9	+5	N	4	cpr₀	44	92	7	800	Nb	8	–	8	3
Wick	1011·0	+5	NW	3	bc–	45	85	8	2500	Cu.Nb	4	Ci	5	0
Castlebay	1016·1	+4	NNW	4	CPR	45	85	8	1500	Nb	7	–	7	5
Nairn	1012·6	*	NNW	2	o+	45	85	8	1500	Cu.Nb	9	–	9	*
Aberdeen	1010·3	+5	NNW	4	b–	44	85	8	4000	St.Cu	1	–	1	0
Malin Head	1015·0	+3	N'W	7	bcPR	47	92	8	4000	Cu.Nb	6	–	6	7
Renfrew	1011·7	+6	NNE	2	c–	44	75	8	4000	St.Cu	7	–	7	·
Edinburgh (Inchkeith)	1009·8	+5	NNW	3	ojp	46	65	8	*	Cu.Nb	3	A.St	9	1
Leuchars	1010·2	+4	N	3	o	44	75	8	7200	St.Cu	4	Ci.St	10	·
Eskdalemuir	1009·6	+5	N'W	3	o	41	85	7	1500	St.	10	–	10	·
Tynemouth	1007·5	+3	N	2	ojp	45	85	7	1500	Nb	10	–	10	4
Blacksod Point	1021·0	+3	NNW	7	o	48	65	8	*	St.Cu	10	–	10	8
Donaghadee	1012·2	+3	N	5	cjp	49	75	8	800	Cu	7	–	7	5
Birr Castle	1017·7	*	NW	4	c	46	75	5	4000	Cu	7	–	7	·
Holyhead	1010·0	+5	N'E	7	c/r	50	75	9	1500	St.Cu	8	–	8	6
Liverpool (Bidston)	1008·1	+3	N	3	bc/r	44	85	7	1500	St.	4	–	4	4
Chester (Shotwick)	1008·0	+7	NNE	4	or₀r₀	44	85	6	1500	St.	9	–	9	·
Spurn Head	1003·0	+1	N	6	oPR–	47	85	8	2500	Nb	7	Ci.St	9	2
Birmingham (Edgbaston)	1005·7	+4	NW	5	or₀r₀	42	92	5	450	Nb	10	–	10	·
Nottingham	1004·6	+5	N	3	o/r	45	85	5	1500	Nb	10	–	10	·
Cranwell	1003·8	+2	N'W	4	od₀d₀	43	97	6	800	Nb	10	–	10	·
Gorleston	1000·3	–2	N'W	6	orr	46	92	6	4000	Nb	10	–	10	4
Valencia (Cahirciveen)	1022·0	+2	NNW	6	bc–	50	65	8	4000	St.Cu	2	A.Cu	5	6
Roches Point	1018·3	+4	NNW	5	b–	49	85	8	4000	St.Cu	1	–	1	0
Pembroke (St. Ann's H.)	1011·1	+4	NW	6	bcjp	48	75	8	2500	Nb	6	–	6	6
Ross-on-Wye	1006·0	+3	NNW	5	o	45	75	9	2500	Nb	10	–	10	·
Leafield	1004·3	+6	NNW	4	or₀r₀	44	97	8	2500	St.	10	–	10	·
Andover	1003·7	+9	NNW	5	orr	42	92	6	800	Nb	10	–	10	·
S. Farnborough	1002·8	+8	NNW	4	or₀r₀	42	97	6	800	Nb	10	–	10	·
London (Kew Obsy.)	1001·7	+6	NNW	3	orr	43	92	6	800	Nb	10	–	10	·
Croydon	1001·2	+6	N'W	3	or₀r₀	42	97	5	450	Nb	10	–	10	·
Clacton-on-Sea	999·2	–1	N	4	orr	44	92	6	1500	St.	10	–	10	0
Shoeburyness	999·5	–3	NE	5	ORR	43	85	6	800	Nb	10	–	10	·
Grain	1000·1	+3	N	6	ORR	43	92	6	800	Nb	10	–	10	6
Lympne	997·2	–2	N'E	7	ORR	41	97	5	450	Nb	10	–	10	·
Scilly (St. Mary's)	1015·5	+4	NW'N	8	b	53	75	8	4000	Cu	2	–	2	8
Falmouth (Pendennis)	1012·1	+5	NW	5	bc/r	52	55	8	5700	Cu	6	–	6	1
Plymouth (Cattewater)	1009·6	+7	NNW	7	bjp	52	65	8	1430	Cu.Nb	3	–	3	1
Portland Bill	1004·8	+11	NW	7	b	50	55	7	–	–	0	–	0	6
Southampton (Calshot)	1003·1	+14	NW'N	6	or₀r₀	45	92	7	800	Nb	7	A.St	10	6
Dungeness	995·9	–2	E	8	ORR	44	97	6	4000	Nb	5	Ci.St	10	7
Jersey	1005·7	+2	WNW	6	c/r	52	85	8	4000	St.Cu	8	–	8	6
Guernsey	1007·3	+5	NNW	9	bc/h	51	65	8	2500	Cu.Nb	6	–	6	7

LONDON OBSERVATIONS. (Weather and temperature: 24 Hours ended 0900 G.M.T. 4th; Kew, Croydon: 24 hours ended 0700)

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day
Kew	18	orm	orrm	ormoo	*	*	42	23	0·6	0·0	*	*
Croydon	244	omrr	omrr	omrrd	*	*	40	25	1	0·0	*	*
Greenwich (Royal Obsy.)	148	or	or	orp	50	41	40	19	1	0·1	92	79
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·0	*	*
Westminster (St. James' Pk.)	27	*	*	*	50	43	41	21		0·0	84	73
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	0·0	*	*
Camden Square	110	oor	or	*	49	42	41	22		*	*	80
Kensington Palace	80	or	or	*	49	43	41	22	2	*	(At 18h 92)	79
Hampstead Observatory	450	*	*	*	46	40	39	22	0·3	0·0		86

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1600 G.M.T. 3rd

South Kensington Max.	Time.	Min.	Time.
1·7	17h. 2nd	<0·5	0-2h. 3rd
2·2	13h. 3rd		

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 3rd 18 h. 45 m. to 4th 05 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10·30	00·45	7
δ Ursae Minoris	10·30	00·36	6

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.
13h.	C₁C₂	5	-	130°
18h.	C₁C₂	6	-	150
01h.	C₁C₂	5	-	100°
07h.	C₁C₂	6	?	90

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

4th & 5th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.0 6.2	11.42 11.42	5.23 5.21
Greenwich	6.7 6.9	11.49 11.49	5.31 5.29
Wick	6.26 6.28	12.1 12.1	5.36 5.34
Valencia	6.47 6.49	12.30 12.30	6.12 6.10

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

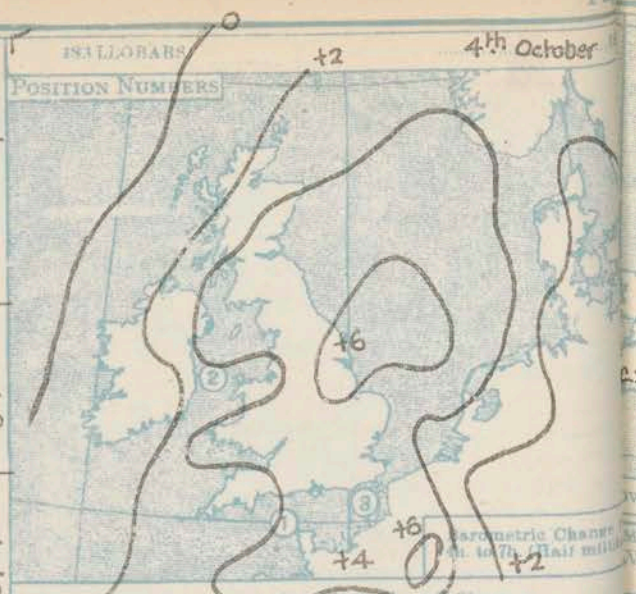
§ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

For code see page 1.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 3rd	13h.-18h. 3rd	18h.-1h. 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	bcp	b	b	48	36	•	0·2	0·3	1330	0430	4·9
Stornoway	p	p	b-bc	c	49	32	•	1	0·5	-	-	5·4
Wick	o	orpbc	cpo bc	b-bc	48	40	•	0·1	-	1430	-	•
Castlebay	bcobc	codpq	cp bob	bobb	48	42	•	4	1	-	-	4·5
Nairn	bcgc	cqpr	cprq	qc	46	41	•	0·3	0·3	1430	<2100	1·7
Aberdeen	ocbc	b·bc	bcpro	bcpro	56	40	36	•	1	-	2200	4·0
Malin Head	coPr	coPR	coPR	pocov	57	45	•	1	0·3	L0800	<2100	7·1
Renfrew	ormro	occ	cbcx	bbx	50	34	23	4	Trace	L0800	-	1·3
Edinburgh(Inchkeith)	o	ph.	ob	bc	48	41	36	0·2	Trace	1430	-	1·3
Leuchars	oco	prho	bcbcbw	bbw	50	39	24	0·2	-	1330	-	2·4
Eskdalemuir	oir	oirmo	cbc	b	44	36	30	2	0·5	L0800	<2100	0·0
Tynemouth	o	opq	oirq	iRmq	49	44	41	2	6	1430	<2100	•
Blacksod Point ..	p	p	p	b-bc	57	38	•	0·2	0·3	-	-	•
Donaghadee	bcq	bcqp	bcqp	bcq	51	49	•	4	-	L0800	-	•
Birr Castle	copro	copr	cobc	bc	53	35	27	1	-	L0800	-	9·2
Holyhead	ARir	prv	cPhqlb	bbcv	51	43	42	8	3	L0800	<2100	3·2
Liverpool (Bidston)...	r	r·d		oo	48	43	39	12	—	L0800	-	0·0
Chester (Shotwick) ...	orrm	orrmro	cprsho	ocmbo	47	40	34	9	Trace	L0800	<2100	0·0
Sparn Head	orr	rrPR	c	coPR	47	46	•	5	2	L0800	<2100	0·0
Birmingham (Edgbaston)	orr	orrm	oro c	cbc	44	39	35	11	0·2	0900	<2100	0·0
Nottingham	rorp	rorp	oc	b-bc	45	44	40	2	-	0900	-	0·0
Cranwell	or	orrr	p	c	49	41	31	2	1	0900	-	0·0
Gorleston	omdo	omrq	oqpr	oqb	48	45	42	8	5	1230	2400	0·0
Valencia (Cahirciveen)	copoc	cpbc	bc	bbc	54	46	39	0·2	-	L0800	-	5·7
Roches Point	ebc	bcb	b	b	55	42	•	-	-	-	-	•
Pembroke(St.Ann's H.)	co	cqp	coqpr	cq	55	42	•	1	1	L0800	<2100	5·6
Ross-on-Wye	rrRR	Rroqjd	pc bbc	b'b	46	41	34	14	0·1	L0800	<2100	0·0
Leafield	r	r·d		r·d	45	39	30	16	0·1	0900	-	0·0
Andover	orrm	orrm	orrmo	oc	48	41	37	22	0·2	L0800	<2100	0·0
S. Farnborough ...	orrm	rriR	oroqp	opo	47	41	39	21	0·5	L0800	<2100	0·0
London (Kew Obsy.)...	orm	orrm	ormoro	obc	50	43	42	23	0·6	0900	<2100	0·0
Croydon	omrr	omRR	omroG	oc	48	42	40	25	1	0900	<2100	0·0
Clacton-on-Sea ...	bcmoqd	ogdr	ogrcq	cq	50	43	41	3	9	1100	<2100	0·1
Shoeburyness	cmorr	orroRR	oRcq	cqbc	50	42	41	18	4	L0800	<2100	0·0
Grain	omrr	ORR	orrob	oc	49	42	41	20	4	1100	<2100	0·0
Lympne	omr	orrRm	oRm	o	48	40	40	14	19	0900	<2100	0·0
Scilly (St. Mary's) ...	rebc	bcq	bcqp	bcq	56	47	•	0·6	-	L0800	-	7·6
Falmouth (Pendennis)	corbc	bc	bcpbc	bcpr	56	45	•	1	1	L0800	2400	6·4
Plymouth(Cattewater)	ocrq	bcqb	bpbcp	bx	57	45	28	5	1	L0800	<2100	4·4
Portland Bill	tlr	c	b'bc	bbc	58	44	•	3	-	L0800	-	•
Southampton(Calshot)	orrmo	oRRmqro	omoq	oo	58	41	41	14	-	L0800	-	0·2
Dungeness	or	qrr	oqrr	qr	51	42	•	20	6	1100	2400	•
Jersey	oqro	oqpc	oqb	oqb	58	49	•	6	-	0900	-	2·8
Guernsey	oirir	oirc	c	cbc	56	48	•	5	Trace	L0800	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
Z	3rd 10.00	"Anglia"	N'W	6	op	55	48

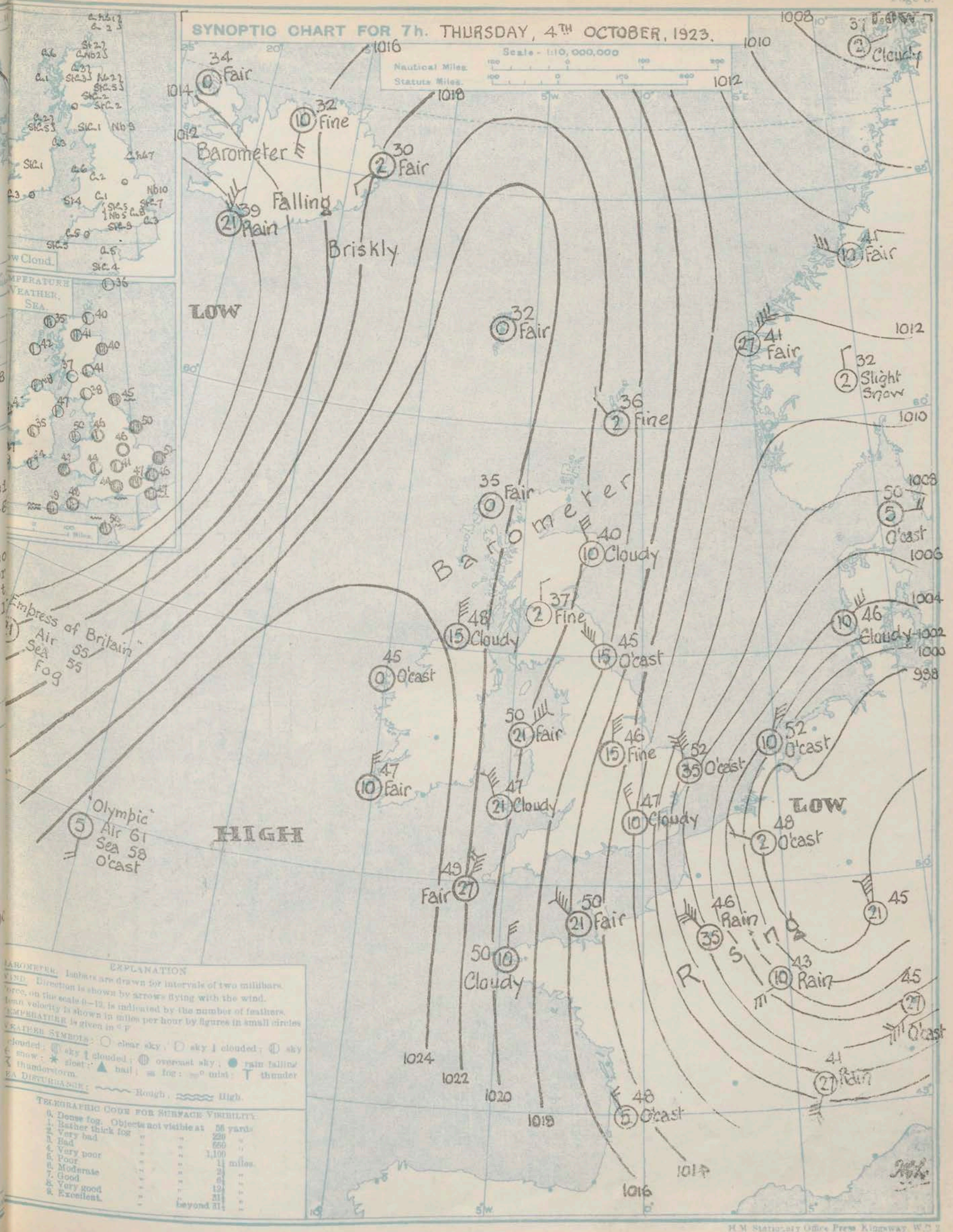
GENERAL INFERENCE.

The northerly winds in the rear of yesterday's depressi will moderate as a wedge of hig pressure now over the Western Seaboard moves eastward. A new Atlantic depression will so cause renewed rain over the nor western half of the Kingdom but in other districts weather will be mainly fair for the next 24 hours.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 4th October, 1923.	Further Outlook.
1. S.E. England ∇ 2. E. England ∇	Northerly wind strong at first, becoming light and variable; fair; visibility good; cold, ground frost locally at night.	Unsettled.
3. E. Midlands 4. W. Midlands	Fresh northerly wind becoming light and variable; fair; cold, ground frost probable at night.	
5. S.W. England 6. South Wales	Light variable winds, becoming S.W. later; fair generally; some mist on coasts later; cold, ground frost locally at night.	
7. North Wales 8. N.W. England	Light variable wind, freshening later from S.W.; fair early, some rain and mist later; cold, ground frost locally at night.	∇ South Cone hoisted 0900 3/10/23.
9. N. Midlands 10. N.E. England	Light variable wind; fair; visibility good apart from morning mist; cold, ground frost at night.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland	As for 7 - 8.	
15. Hebrides	As for 17 - 20.	
16. Orkneys and Shetlands	As for 7 - 8.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. or S. becoming strong; cloudy, rain later; mist or fog locally on coasts; temperature rising.	

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.....Thursday, 4th October.....1923. No. 277.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 4th: Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-8	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1017.8	+2	N	3	b	41	85	8	-	-	0	Cist	3
Stornoway	51	1021.0	+3	NE	1	b	•	•	6	•	•	•	•	•
Wick	81	1016.8	+5	NNW	3	b	43	85	8	2500	CuNb	3	-	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1020.2	+3	N	7	bc/r	49	85	8	4000	Cu	6	-	6
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	130	1016.0	+3	NW	3	b+	44	85	9	-	StCu	3	-	3
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1012.3	+3	NNW	3	or	46	97	6	1500	Nb	10	-	10
Blacksod Point ...	10	1024.1	+1	NW	5	c-	46	75	7	•	•	•	•	7
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1016.3	+6	NNE	6	b	48	~~78~~ 75	8	2500	Cu	3	-	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1006.3	+4	N	7	c	49	85	7	4000	CuNb	8	-	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1009.0	+3	NNW	5	c/r	41	97	6	1500	Nb	~~5~~ 4	Ast	7
Gorleston	13	1009.8	+1	N'W	6	bPR	49	75	7	4000	Nb	10	-	10
Valencia (Cahirciveen)	30	1024.0	+1	N	1	bc-	49	65	8	-	-	0	ACu	5
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1016.2	+4	NNW	6	c/p	43	97	8	1500	Nb	8	-	8
Ross-on-Wye	293	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	46	•	•	•	•	•	•	•
Croydon	244	1006.6	+4	NNW	4	o/r	45	85	7	800	Nb	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1001.1	+5	N	7	o/r	44	92	7	800	St	8	ASt	10
Scilly (St. Mary's) ...	131	1019.3	+3	NNW	8	bc	50	75	7	4000	StCu	5	-	5
Falmouth (Pendennis)	200	1015.7	+3	N	5	b/r	49	75	8	5700	Cu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1009.7	-4	NNW	7	b-	48	65 ~~85~~	7	4000	Cu	2	-	2
Southampton (Calshot)	12	1008.9	+4	NW	6	o-	45	~~4~~	7	800	St	9	-	9
Dungeness	21	1001.1	+6	N	8	obc	45	97	7	4000	Nb	10	-	10
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1011.8	+5	NNW	9	c	50	75	7	4000	Cu	7	-	7

STATIONS.	Observations at 0700 G.M.T. 4th: Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-8	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun 0-8
Lerwick	1019.0	+2	NW	1	bjp	36	85	8	4000	Cu	3	-	3	0
Stornoway	1022.4	+1	-	0	bc	35	85	7	4000	Cu	6	-	6	0
Wick	1019.8	+2	N	3	b~~r~~	40	75	8	2500	~~StCuNb~~ 2		-	~~2~~ 2	0
Castlebay	1022.9	+1	N	2	b	42	85	8	2500	Cu	1	-	1	2
Nairn	1021.2	•	-	0	bc	41	85	8	4000	StCu	6	-	6	•
Aberdeen	1019.8	+4	NNW	3	c/r	40	92	8	1500	StCu	7	-	7	3
Malin Head	1022.9	+2	N	4	cy	48	85	9	4000	StCu	7	-	7	4
Renfrew	1021.2	+4	N	1	b	37	85	8	-	-	0	-	0	•
Edinburgh (Inchkeith)	1019.8	+4	NW	2	b	41	85	8	-	StCu	2	CiSt	3	1
Leuchars	1019.5	+3	N	3	b	41	75	8	4000	StCu	2	-	2	•
Eskdalemuir	1020.3	+4	N	1	b+	38	85	8	4000	StCu	1	-	1	•
Tynemouth	1017.7	+4	NW	4	ojp	45	85	6	1500	Nb	9	-	9	6
Blacksod Point ...	1024.9	+1	-	0	ov	45	75	9	-	-	~~1~~ 6	-	~~1~~ 6	3
Donaghadee	1021.2	+5	N	4	bc	47	75	8	800	Cu		-		4
Birr Castle	1024.2	•	NW	1	bc	35	97	6	4000	StCu	1	Ci	4	•
Holyhead	1019.8	+4	NE'N	5	bc	50	75	9	1500	Cu	6	-	6	4
Liverpool (Bidston) ...	1018.5	+3	NNW	4	b+	46	75	8	4000	Cu	2	-	2	5
Chester (Shotwick) ...	1018.0	+6	NW'N	4	b-	44	85	7	2500	StCu	2	-	2	•
Spurn Head	1011.3	+6	N	8	c	50	75	8	4000	CuNb	7	-	7	5
Birmingham (Edgbaston)	1016.3	+5	NW	6	b	42	85	6	-	-	0	-	0	•
Nottingham	1014.3	+6	N	4	b	46	85	7	-	-	0	-	0	•
Cranwell	1013.5	+5	NNW	5	b	42	91	7	1500	StCu	3	-	3	•
Gorleston	1005.8	+3	N'W	7	o	52	65	6	2500	Nb	10	-	10	5
Valencia (Cahirciveen)	1025.9	+1	N	3	bc	47	65	9	4000	StCu	3	Ci	5	3
Roches Point	1024.3	+1	NNW	3	b	44	85	8	-	-	0	CiSt	3	0
Pembroke (St. Ann's H.)	1020.2	+4	NNW	5	c	47	85	8	2500	Cu	7	-	7	5
Ross-on-Wye	1017.2	+4	N	3	b	44	75	8	4000	Cu	1	-	1	•
Leafield	1014.8	+5	N	4	bc/r	41	85	8	-	St	5	-	5	•
Andover	1013.9	+5	NNW	5	c-	42	85	8	1500	StCu	7	-	7	•
S. Farnborough ...	1012.3	+5	NW	4	o	44	85	7	1500	StCu	10	-	10	•
London (Kew Obsy.) ...	1011.1	+5	NNW	3	c	47	75	7	2500	Cu	8	-	8	•
Croydon	1008.0	+6	NNW	4	c-	45	85	7	1500	StCu	8	-	8	•
Clacton-on-Sea ...	1006.6	+4	NNW	6	c-	46	85	7	4000	StCu	7	-	7	3
Shoeburyness	1007.9	+4	NNW	7	bc-	46	85	8	4000	StCu	2	ACu	4	•
Grain	1007.5	+5	NW	6	c-	46	85	8	800	Nb	4	ACu	8	0
Lympne	1006.5	+4	N'W	7	o	44	92	7	800	St	8	ACu	10	•
Scilly (St. Mary's) ...	1021.8	+3	N'E	6	bc	49	75	8	4000	StCu	5	-	5	8
Falmouth (Pendennis)	1019.0	+3	N	3	bc+	~~58~~	85	7	4000	Cu	5	-	5	0
Plymouth (Cattewater)	1018.5	+6	NNW	3	b	47	75	8	-	-	0	-	0	0
Portland Bill	1014.8	+3	NNW	6	b-	48	~~55~~ 75	~~7~~	-	-	0	-	0	6
Southampton (Calshot)	1013.3	+4	NW'N	6	o	46	~~85~~	7	2500	StCu	9	-	9	6
Dungeness	1005.7	+5	N	7	c-	47	85	8	4000	Cu	3	CiCu	7	6
Jersey	1014.8	+1	NW	5	bc	50	85	8	4000	StCu	4	-	4	6
Guernsey	1015.6	+4	N	7	bc	49	85	8	4000	Cu	5	-	5	6

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 2nd-3rd. °F.	Temperature. Max. Day. 3rd. °F.	Rainfall.† Night 17h.-9h. 2nd-3rd. mm.	Rainfall.† Day 9h.-17h. 3rd. mm.	Sunshine. Sunrise to 17h. 3rd. hr.	Sunshine. Sunrise to Sunset. 3rd. hr.
Montrose	cbc	bcc	38	52	-	-	4.1	9.7
Berwick-on-Tweed	od.og	prshg	42	48	0.1	2	0.0	9.1
Llandudno	r	opc	45	49	5	8	0.2	2.8
Colwyn Bay ...	r	r	45	48	5	10	0.2	4.3
Rhyl	ro	ro	44	48	4	10	0.0	3.9
Southport	rr	rro	45	46	3	5	0.0	7.0
Blackpool	oro	or	45	48	6	7	0.0	5.3
Ilkley	omro	rod.o	38	45	5	4	0.0	7.3
Harrogate	or	oro	39	45	4	4	0.0	8.2
Skegness	or	ro	36	48	0.3	1	0.0	5.1
Aberystwyth ...	ror	o	45	52	8	12	2.0	1.5
Bath	or	rro	46	49	2	12	0.0	0.5
Leamington Spa ...	or	or	35	46	1	12	0.0	0.7
Lowestoft	o	or	42	48	-	6	0.0	1.5
Felixstowe	om	omd	40	50	0.4	2	0.0	4.5
Southend	or	or	41	49	3	15	0.0	4.7

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 2nd-3rd. °F.	Temperature. Max. Day. 3rd. °F.	Rainfall.† Night 17h.-9h. 2nd-3rd. mm.	Rainfall.† Day 9h.-17h. 3rd. mm.	Sunshine. Sunrise to 17h. 3rd. hr.	Sunshine. Sunrise to Sunset. 3rd. hr.
Ilfracombe	oq	oqch	47	57	8	4	2.3	0.0
Bude	coqrc	qcbcc	46	61	4	2	4.6	0.0
... ...								
Paignton	bcq	bcqp	47	59	4	0.3	6.7	3.4
Torquay	rocd	bcbc	47	59	1	0.1	6.6	2.8
Weymouth	rpc	pbc	47	60	3	5	1.7	2.4
Bournemouth ...	p	p	42	57	3	5	0.0	3.6
Portsmouth (S'thsea)	r.oc	coqR	48	57	0.4	9	0.3	2.7
Littlehampton ...	ocpor	or	46	57	0.2	9	0.0	3.7
Worthing	dr	r	46	56	1	5	0.0	6.0
Brighton	r	r	41	61	1	15	0.2	5.0
Eastbourne	rr	rr	46	55	6	15	0.0	6.8
Hastings	oR	RR	46	51	4	27	0.0	5.8
Folkestone	or	or	46	56	1	8	0.0	5.2
Dover	or	or	46	51	1	7	0.0	5.4
Tunbridge Wells ...	oor	orr	42	48	5	16	0.0	4.9
Ramsgate	cor	rdr	42	?	2	9	0.1	5.4
Margate	o	orr	46	53	1	6	0.1	5.2
Deal	ro	rr	44	50	4	6	0.0	5.1

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22,597 Friday 5th October 1923. Page 1.

STATIONS. (For heights see p. 4).	Observations at 1300 G.M.T. 4th: 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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground	Observations at 1800 G.M.T. 4th: 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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1019.5	+1	NNE	2	cjp	40	85	8	4000	CuNb	7	-	7	•	1018.5	-1	NNW	1	c	40	75	8	5700	St.Cu	3	A.St	7	4
Stornoway	1021.3	-1	-	0	bc	48	75	7	4000	Cu	6	-	6	•	1017.5	-4	-	0	o	48	75	7	800	St.	10	-	10	0
Wick	1020.4	0	NNW	3	bc	45	65	8	2500	CuNb	5	-	5	•	1019.1	-2	WNW	1	o	41	75	9	5700	St.Cu	10	-	10	1
Castlebay	1022.2	-1	SSW	2	bc	52	65	8	4000	StCu	6	-	6	•	1018.3	-2	SW	4	o+	47	85	8	2500	St	10	-	10	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•	1019.3	*	-	0	c+	42	75	8	1500	St.Cu	8	-	8	•
Aberdeen	1020.8	0	NNW	4	c	46	65	8	4000	CuNb	7	-	7	1	1020.3	-1	NW	2	c+	42	75	8	4000	St.Cu	8	-	8	3
Malin Head	1022.2	0	N	2	b	48	85	9	5700	Nb	2	Ci.Cu	3	•	1019.5	-3	S	1	c+	47	85	9	4000	St	3	Ci.St	8	1
Renfrew	1021.7	-3	NW	1	o-	50	55	9	4000	StCu	9	-	9	1	1021.0 (19.1)	-2	W	1	b-	40	75	5	-	-	0	Ci	3	•
Edinburgh (Inchkeith)	1021.4	0	NNE	1	c+	46	75	8	*	StCu	8	-	8	0	1019.6	-1	S	1	c	45	75	8	*	St.Cu	7	-	7	0
Leuchars	1020.6	0	-	0	o	47	65	8	4000	StCu	10	-	10	0	1019.9	-2	-	0	o	43	85	7	4000	St.Cu	9	Ci.St	10	•
Eskdalemuir	1020.9	+1	N'E	4	bc	46	65	8	4000	StCu	5	-	5	1	1020.9	-1	N'E	2	c	38	85	8	4000	St.Cu	6	Ci.St	8	•
Tynemouth	1019.3	0	N	5	bcpg	47	85	7	800	CuNb	5	-	5	•	1020.3	0	N	2	bcph	44	85	6	800	CuNb	6	-	6	5
Blacksod Point	1023.9	0	-	0	o	51	65	9	*	*	*	*	10	•	1019.7	-3	SW	4	opr₀	50	75	9	*	≡	*	*	10	4
Donaghadee	1021.9	0	N	3	bc+	51	65	9	800	St	2	Ci.St	4	•	1021.8	0	N	1	bc	48	65	8	*	-	0	Ci.Cu	5	2
Birr Castle	1024.1	*	NW	1	c+	52	65	8	4000	StCu	6	Ci.Cu	7	=	1021.7	*	NW	1	o+	47	85	8	4000	St.Cu	9	-	9	•
Holyhead	1021.7	+1	N	3	c	50	75	9	4000	Cu	7	Ci.St	8	1	1020.8	-1	N'E	3	c	49	75	9	2500	St.Cu	5	Ci.St	7	3
Liverpool (Bidston)	1020.3	-1	NNW	2	bc	49	65	8	2500	Cu	4	-	4	•	1020.0	-1	NW	3	b	47	65	8	2500	Cu	1	-	1	4
Chester (Shotwick)	1020.1	+1	NNW	4	bc	52	65	8	4000	Cu	4	-	4	1	1020.1	0	NNW	3	b+	43	85	7	2500	St.	1	Ci	3	•
Spurn Head	1016.2	+4	N	7	c	49	85	7	2500	Nb	8	-	8	•	1007.5	+3	N	6	cpr₀	47	85	7	2500	CuNb	7	-	7	5
Birmingham (Edgbaston)	1018.3	+3	NW	5	o.	50	65	6	4000	StCu	9	-	9	1	1019.3	+1	NNW	4	mbc	46	75	4	4000	St.Cu	5	-	5	•
Nottingham	1017.5	+3	N	5	c	52	75	8	2500	Cu	7	-	7	•	1018.7	+1	N	2	b	45	85	5	2500	Cu	1	-	1	•
Cranwell	1017.9	+3	N'E	5	c	50	85	8	2500	Cu	7	-	7	1	1018.6	+1	N	3	b	43	97	7	4000	Cu	2	-	2	•
Gorleston	1010.6	+3	N'W	7	bcpR	52	75	6	4000	CuNb	5	-	5	•	1013.3	+2	N'W	6	o/r	51	65	6	4000	Nb	10	-	10	4
Valencia (Cahirciveen)	1025.6	-1	NNW	1	bc	52	65	9	-	-	0	A.Cu	6	0	1022.4	-4	S	2	c	52	75	9	-	-	0	A.St	7	3
Roches Point	1024.4	0	NW	3	c+	55	75	8	4000	StCu	8	-	8	•	1022.0	-2	-	0	o	50	85	8	-	-	0	A.St	10	0
Pembroke (St. Ann's H.)	1023.1	+2	N	4	c	52	75	8	4000	Cu	7	-	7	•	1022.4	-1	WNW	2	bc	48	75	8	4000	Cu	4	-	4	1
Ross-on-Wye	1018.6	+2	N'W	4	bc	52	65	8	4000	Cu	4	-	4	1	1019.3	+1	N'W	2	b	46	75	8	-	-	0	Ci	1	•
Leafield	1017.5	+2	N'W	4	c	51	65	7	4000	Cu	7	-	7	?	1018.8	0	NNW	1	bc-	43	85	5	4000	Cu	4	-	4	•
Andover	1016.6	+3	N	5	bc	53	65	7	2500	StCu	6	-	6	0	1018.2	+3	NNW	4	b-	46	75	6	~~5700~~ 2000	~~St~~ Cu	3	-	3	•
S. Farnborough	1015.0	+4	NNW	5	c	53	65	7	2500	Cu	8	-	8	0	1017.4	+4	W'S	3	b	46	85	7	-	-	0	-	0	•
London (Kew Obsy.)	1014.8	+4	N	5	o	53	55	8	2500	StCu	9	-	9	1	1017.2	+3	NNW	2	b	48	65	7	4000	St.Cu	3	-	3	•
Croydon	1014.7	+4	N	5	c+	52	65	7	1500	StCu	8	-	8	2	1017.0	+3	N'E	4	b	47	75	6	1500	St.	4	A.St	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	+3	NNW	6	bc-	50	75	7	4000	Cu	~~6~~ 7	-	~~6~~ 7	4
Shoeburyness	1011.2	+4	NNW	7	bc	54	65	9	1200	Cu	4	-	4	•	1015.0	+4	NNW	5	bc+	48	75	8	5700	St.Cu	2	A.Cu	5	•
Grain	1011.5	+2	N	7	c-	54	55	8	1500	StCu	7	-	7	2	1014.9	+3	N'W	6	bc-	49	65	8	2500	St.Cu	4	-	4	3
Lympne	1009.1	+3	N	8	bc-	53	65	8	1500	St	4	A.Cu	6	1	1012.8	+4	N	7	c	49	65	7	1500	St	7	-	7	•
Scilly (St. Mary's)	1022.9	+1	N	4	b	55	75	8	4000	Cu	2	Ci	3	•	1022.9	0	NW'N	4	bc	50	75	8	4000	Cu	3	Ci	4	5
Falmouth (Pendennis)	1021.0	+2	N	4	bc	54	97	8	4000	Cu	4	-	4	•	1021.9	0	N	3	bc	51	75	8	4000	Cu	5	-	5	0
Plymouth (Cattewater)	1019.9	0	N	5	b	55	55	8	5700	StCu	1	-	1	0	1020.1	0	N	3	b+	50	75	7	5700	St.Cu	2	-	2	0
Portland Bill	1016.4	+4	NNW	6	bc+	55	55	7	4000	Cu	4	-	4	•	1018.2	+2	NNW	4	bc	52	65	7	4000	Cu	4	-	4	4
Southampton (Calshot)	1015.9	+2	NW	6	c+	54	65	8	2500	StCu	7	-	7	0	1017.8	+3	NNW	4	b-	51	65	7	-	-	0	Ci	1	0
Dungeness	1009.5	+4	N	7	bc	54	75	8	4000	Cu	6	-	6	•	1012.9	+5	N	6	c	49	75	8	4000	St	7	-	7	5
Jersey	1016.4	0	NW	5	o	54	75	8	4000	St.Cu	10	-	10	•	1018.0	0	NW	5	o	54	75	8	4000	St.Cu	10	-	10	6
Guernsey	1018.1	0	NNW	6	bc-	52	75	8	4000	Cu	6	-	6	*	1019.0	+2	N	6	bc	52	75	8	4000	Cu	5	-	5	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather (24 hours ended 0900 G.M.T. 5th) Morning	Afternoon	Night	Temperature Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)
Kew {24 hours ended 0700}	18	caqoy	oybcyb	bbxm	•	•	25	-	-	5.8	•	•
Croydon {24 hours ended 0700}	244	ormqc	cbcqz	bczmb	•	•	27	Tr	-	4.2	•	•
Greenwich (Royal Obsy.)	149	oc	bc	bobm	55	33	27	-	-	6.1	58	81
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	56	36	30	-	-	7.3	61	74
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	6.0	•	•
Camden Square	110	o	oc	•	55	35	30	-	-	•	•	84
Kensington Palace	80	oc	oc	•	55	35	27	-	-	•	{At 18h 84	84
Hampstead Observatory	450	•	•	•	50	34	29	-	-	7.1		84

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington	1.0	18h 3rd	<0.3	0-2h 4th
	0.6	8h 4th		
Kew Observatory	0.4	17h 3rd	<0.3	2h 4th
	0.4	7h 4th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4th 18 h 45 m. to 5th 05 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.30	09.02	86
δ Ursae Minoris	10.30	08.51	84

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc.
13h.	C_1C_2	5	-	65°
18h.	C_1C_2	6	-	50°
01h.	C_1C_2	6	-	70
07h.	C_1C_2	6	-	40

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

5th-4th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.2 / 6.4	11.42 / 11.41	5.21 / 5.18
Greenwich	6.9 / 6.10	11.49 / 11.48	5.29 / 5.26
Wick	6.28 / 6.30	12.1 / 12.0	5.34 / 5.31
Valencia	6.49 / 6.51	12.30 / 12.29	6.10 / 6.7

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (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_0 = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

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

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

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

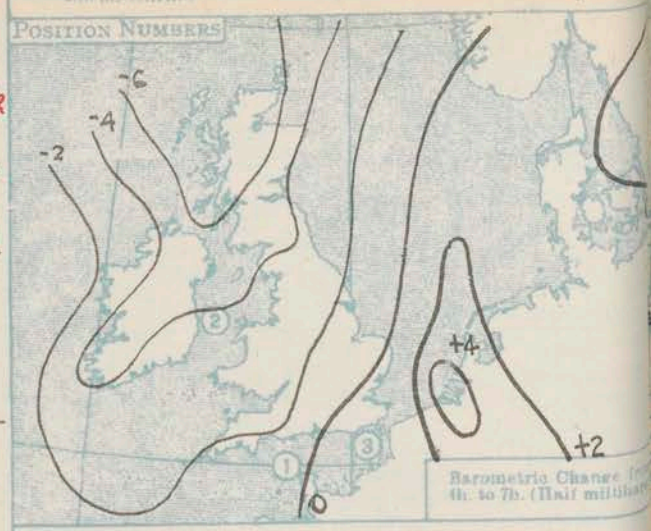
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 4th.	13h.-18h. 4th.	18h. 4th to 1h. 5th.	1h.-7h. 5th.	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. 4th. Hours.
Lerwick	cpr	c	bc	cp	45	36	•	1	Trace	L0800	04.30	~~1.1~~ 6.2
Stornoway	c	c	r-d	rr	48	43	•	-	7	-	<2100	4.4
Wick	b-bc	oo	b-bc	or.	46	36	•	-	0.2	-	05.30	•
Castlebay	boc	co	orr	rro	52	47	•	-	2	-	•	4.4
Nairn	cgbc	cbcc	cirg	crr.	46	36	•	-	1	-	2400	3.0
Aberdeen	opr.c	cbcc	b	or.	47	34	28	0.1	Trace	0900	06.30	3.0
Malin Head	cobev	bccov	orr	orr	50	43	•	-	5	-	<2100	6.8
Renfrew	bxeov	obvyb	bzf	bforr	52	31	23	-	2	-	02.30	7.4
Edinburgh (Inchkeith)	c	c	zc	oo	48	40	33	-	Trace	-	05.30	4.5
Leuchars	bbeco	oo	ocbcb	bcoirm	49	33	18	-	0.3	-	06.30	4.5
Eskdalemuir	bcbc	bccoc	bbc	codm	47	27	23	-	1	-	05.30	6.5
Tynemouth	bcqp	bcpohrq	b-bcm	cm	49	35	33	2	Trace	L0800	<2100	•
Blacksod Point ...	oo	oo	oo	p	56	45	•	-	4	-	-	•
Donaghadee	bcb	bc	bc	or	52	40	•	-	2	-	02.30	•
Birr Castle	bcco	co	or.r.	or.r.	53	44	40	-	1	-	<2100	5.3
Holyhead	bc	cvpr	cbl bo	or.ov	53	43	39	Trace	1	1530	0430	8.3
Liverpool (Bidston) ...	bbc	bbc	p	p	51	39	34	-	0.4	-	05.30	8.0
Chester (Shotwick) ...	b-bc	bcbbc	bbc	cor.m	52	31	25	-	0.2	-	06.30	10.4
Spurn Head	c	p	p	c	50	41	•	0.3	0.3	1430	<2100	6.6
Birmingham (Edgbaston)	omv	com	bcbm	bco	51	37	23	-	-	-	-	4.3
Nottingham	bc	c	bm	bx	53	33	29	-	-	-	-	7.9
Cranwell	bbcc	c	b-bc	m	53	33	29	-	-	-	-	8.4
Gorleston	cqPR	bcqpr	bcqp	bcc	54	41	38	1	-	L0800	-	4.0
Valencia (Cahirciveen)	bcbc	bcoco	o	oorm	53	49	45	-	2	-	02.30	6.4
Roches Point	bbcc	co	oco	ome	55	48	•	-	Trace	-	-	•
Pembroke (St. Ann's H.)	c	c	b-bc	c	54	46	•	-	-	-	-	9.0
Ross-on-Wye	bbc	bcyb	bw	bwcmor	53	32	27	-	Trace	-	-	10.3
Leafield	c	bbc		b-bc	52	32	30	-	-	-	-	9.4
Andover	cbc	bcbm	bbmx	bbbmx	53	30	26	-	-	-	-	9.3
S. Farnborough ...	c	cbcb	bm	bmxomv	54	29	27	-	Trace	-	-	7.7
London (Kew Obsy.) ...	cqqpy	oybcyb	bb	bxbcmb	54	36	25	-	-	-	-	5.8
Croydon	ormqc	cbcq3	bczmb	bomx	53	34	27	Trace	-	0900	-	4.2
Clacton-on-Sea ...	c	cbcc	bc	bc	54	36	33	-	-	-	-	3.6
Shoeburyness	bcw	bcvbc	bc	bm	56	35	34	-	-	-	-	4.9
Grain	copr	cqobc	bccbc	bcbm	55	39	29	Trace	Trace	1100	<2100	4.9
Lympne	ocq	qcobc	cq	bcw	54	35	32	-	Trace	-	-	2.7
Scilly (St. Mary's) ...	bcq	bc	b-bc	bcc	56	47	•	-	-	-	-	8.8
Falmouth (Pendennis)	bc	bc	bc	bcpco	54	45	•	-	Trace	-	0330	9.6
Plymouth (Cattewater)	bcy	by	bx	bxow	56	40	30	-	-	-	-	10.1
Portland Bill	b-bc	bbc	b-bc	b-bc	57	42	•	-	Trace	-	-	•
Southampton (Calshot)	bcq	bcyb	bm	bom	55	37	33	-	-	-	-	9.2
Dungeness	cq	cq	b-bc	b-bc	55	36	•	-	-	-	-	•
Jersey	b	b	b	bco	56	40	•	-	-	-	-	8.2
Guernsey	cq	bcb	b-bc	bbcc	54	48	•	-	-	-	-	•

183 MILLIBARS. 5th October, ... 1923

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	4th 1000	"Anglia"	N'W	6	c	49	54
1	4th 1200	"Ibex"	N	7	bc+	48	58
3	5th 0300	"Dieppe"	N	5	r.r.	49	58

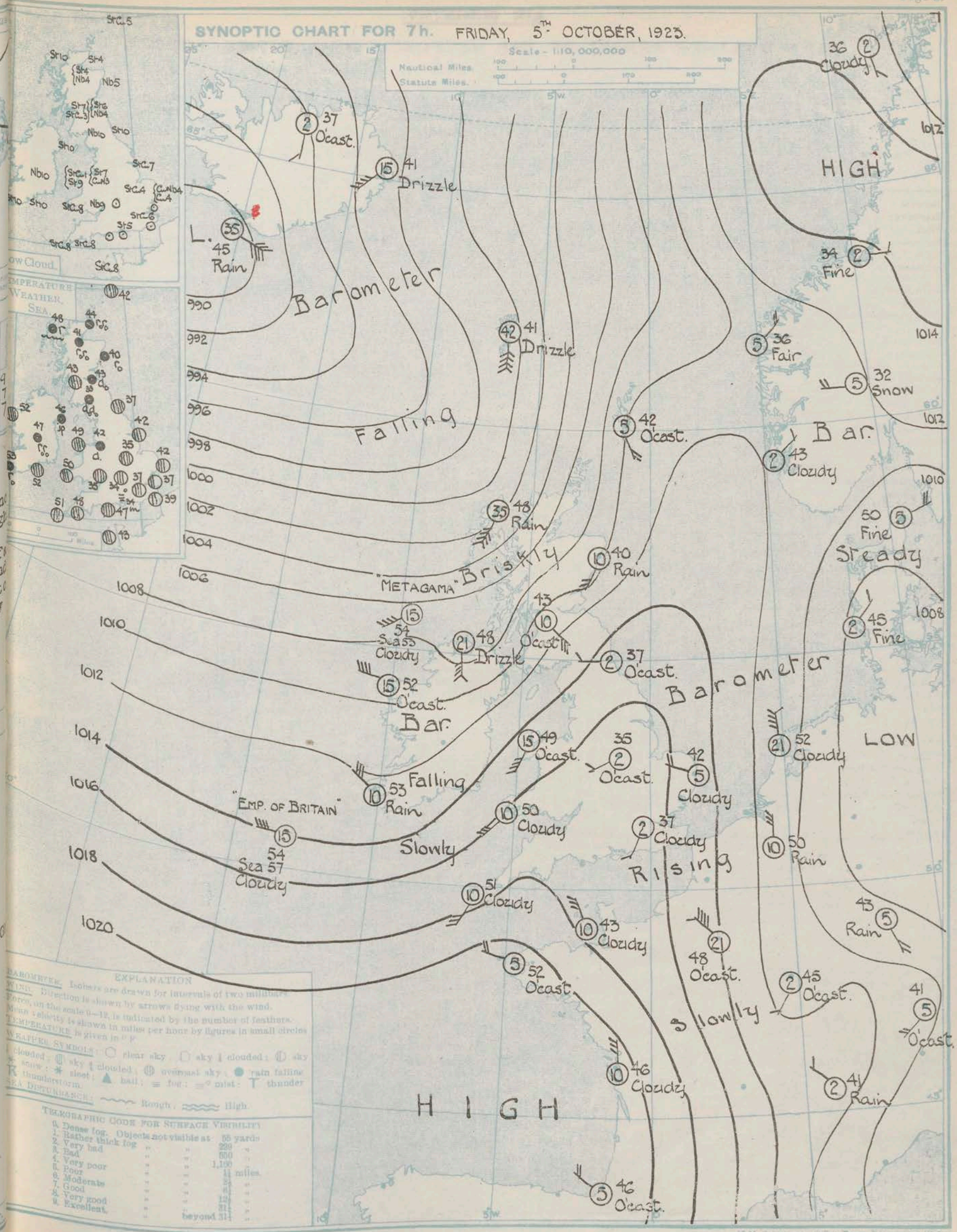
GENERAL INFERENCE.

The depression off our N.W. Coasts is extending its influen over the British Isles and sligh rain is likely to occur in the south of England, with larger f in the North. Subsequently wind are likely to become westerly t northwesterly with cool showery weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 5th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S.W. to W. light or moderate; cloudy, slight rain probable; morning mist; somewhat milder.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate or fresh westerly wind; cloudy, some showers; visibility mainly good; moderate temperature.	∇ South cone hoisted 20.00 G 4/10/23.
9. N. Midlands 10. N.E. England 11. E. Scotland	Wind S. or S.W. veering W., moderate or fresh; cloudy, some showers; visibility moderate to good; somewhat milder.	
12. S.W. Scotland ∇ 13. Isle of Man	As for 4 - 8.	
14. N.& N.W. Scotland ∇ 15. Hebrides ∇ 16. Orkneys and Shetlands ∇	Wind mainly S.W., strong to a gale at times; dull, some rain; visibility moderate; moderate temperature.	
17. N.W. Ireland ∇ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind W. to N.W., strong at times; cloudy, some showers; visibility 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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Friday, 5th October 1923. No. 278.

Stations.	Height above M.S.L. in feet.	Obs. at 0100 G.M.T. 5th: 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	Obs. at 0700 G.M.T. 5th: 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	Sea. 0-9
Lerwick	54	1014.7	-4	-	0	bc+	37	92	7	-	-	0	CiSr	4	1010.4	-5	SSE	2	0	42	85	8	7200	StCu	5	ASr	10	1
Stornoway	51	1011.2	-6	SE	5	RR	•	•	4	•	•	•	•	•	1009.7	-7	SSW	7	0r	48	97	6	450	Sr	10	-	10	6
Wick	81	1012.9	-6	SSW	3	C+	44	75	8	1500	Sr	2	CiSr	7	1006.1	-7	SSW	4	0r.o	44	85	8	1500	Sr	4	ASr	10	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.4	-5	W	4	0/r	52	97	8	1500	Sr	10	-	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.0	•	-	0	cr.o	41	92	8	1500	Sr	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.0	-5	SSW	3	0r	40	85	6	2500	Nb	5	ASr	10	0
Malin Head	71	1012.8	-6	SSE	4	orr	44	97	7	4000	Nb	10	-	10	1006.1	-4	S	5	odo	48	97	7	4000	Nb	10	-	10	1
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.8	-5	SE	3	0/r	43	92	6	2500	Sr	10	-	10	•
Edinburgh (Inchkeith)	190	1016.3	-3	W	2	o/f	41	85	7	-	Sr	10	-	10	1011.0	-4	SSE	3	odo	43	85	7	-	Sr	10	-	10	1
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	-3	-	0	or	40	92	6	-	-	0	ASr	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.2	-3	-	0	odd	33	97	5	800	Nb	10	-	10	•
Tynemouth	118	1018.4	-1	-	0	b	38	92	6	800	Sr	2	-	2	1014.5	-4	W	1	0+	37	92	5	800	Sr	10	-	10	2
Blacksod Point	10	1012.3	-6	SW	6	0	53	92	6	•	•	•	•	10	1009.4	-2	WNW	4	0	52	92	8	-	-	-	-	10	4
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	-5	SW	1	o/b	46	85	6	2500	Sr	10	-	10	2
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	•	S	1	or.o	47	97	6	2500	Nb	10	-	10	•
Holyhead	26	1018.0	-3	SE	1	0	45	85	7	2500	StCu	9	-	9	1014.1	-3	SSW	4	ov	49	75	9	4000	Sr	10	-	10	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	-2	S	2	od-	42	92	6	1500	Sr	10	-	10	3
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.9	-1	SE	2	or.+	38	97	5	1500	Sr	7	ASr	10	•
Spurn Head	26	1017.2	0	NW	5	bdc	45	92	8	2500	Nb	6	-	6	1016.7	-1	WNW	3	C	42	92	7	4000	StCu	7	-	7	3
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	-2	SW	3	0	37	85	6	-	-	0	ASr	10	•
Nottingham	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.4	-2	WSW	1	0+	35	97	4	2500	StCu	4	ACu	10	•
Cranwell	237	1018.2	0	NW'N	3	b	35	97	6	-	-	0	ASr	2	1017.1	-1	W'S	2	0+	35	97	5	4000	Sr	4	CiCu	9	•
Gorleston	13	1015.2	0	NNW	4	b	48	65	8	5700	Cu	3	-	3	1015.7	0	WNW	2	C+	42	85	7	4000	CuNb	8	-	8	1
Valencia (Cahirciveen)	30	1016.9	-4	-	0	0+	52	97	8	-	Sr	10	-	10	1012.1	-4	NW	3	or.o	53	97	6	450	Sr	10	-	10	3
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	-3	SSW	3	0	52	97	5	1500	Sr	10	-	10	0
Pembroke (St. Ann's H.)	149	1019.3	-1	SW	2	bc+	50	75	8	4000	StCu	6	-	6	1016.2	-2	SW	3	C+	50	75	8	4000	StCu	8	-	8	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.5	-2	-	0	o/m	35	97	7	2500	Nb	9	ASr	10	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	-1	WSW	1	c/f	34	97	4	-	-	0	CiCu	8	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.4	-1	-	0	o+	32	97	6	-	-	0	ACu	9	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.7	0	W	1	mmo	34	97	5	4000	Sr	5	ASr	10	•
London (Kew Obsy.)	18	•	•	•	•	•	40	•	•	•	•	•	•	•	1017.5	0	SW'S	1	C+	37	92	5	4000	StCu	6	Ci	8	•
Croydon	244	1017.8	0	NW'N	3	b	40	92	6	-	-	0	-	0	1017.5	0	W'S	1	o+	35	97	5	-	-	0	CiSr	9	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.9	0	NW	3	bc	37	92	6	-	-	0	ASr	5	1
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.4	0	NNW	2	mb-	39	85	6	-	-	0	Ci	3	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.3	0	WNW	4	b-	40	85	6	-	-	0	Ci	3	0
Lympne	350	1015.3	+2	N	4	bc	41	85	8	4000	StCu	4	-	4	1015.9	+1	N	3	bc	36	92	6	-	-	0	Ci	4	•
Scilly (St. Mary's)	131	1022.8	-1	NW	2	b	48	75	8	4000	Cu	3	-	3	1017.9	-2	SSW	3	C+	51	75	8	4000	StCu	8	-	8	3
Falmouth (Pendennis)	200	1021.8	0	NW	2	bc	48	85	8	4000	Cu	5	-	5	1018.0	-1	WSW	1	C-	48	85	8	4000	StCu	8	-	8	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	-1	ENE	2	0	43	85	7	4000	StCu	4	ASr	10	0
Portland Bill	19	1019.1	0	N	3	b	44	65	7	-	-	0	-	0	1017.5	-2	-	0	0+	47	75	7	-	-	0	ASr	10	0
Southampton (Calshot)	12	1019.0	0	WNW	2	b	40	85	6	-	-	0	-	0	1017.9	-1	W'N	2	0+	37	92	6	-	-	0	ACu	10	0
Dungeness	21	1015.2	+1	N	4	bc+	43	85	8	-	-	0	ACu	4	1015.6	+2	NNW	4	bc+	39	97	6	-	-	0	CiCu	6	4
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	0	NNW	3	C	43	92	8	4000	StCu	8	-	8	3
Guernsey	—	1019.5	0	NE	1	b-	49	75	6	4000	Cu	3	-	3	1019.6	-1	-	0	0	48	75	8	4000	CuNb	3	ASr	10	0

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 3rd-4th °F.	Temperature. Max. Day. 4th °F.	Rainfall.† Night 17h.-9h. 3rd-4th mm.	Rainfall.† Day 9h.-17h. 4th mm.	Sunshine. Sunrise to 17h. 4th hr.	Sunshine. Sunrise to Sunset. 3rd-4th hr.
Montrose	b	bcc	40	49	trace	-	8.2	4.1
Berwick-on-Tweed	aprr	prbcq	42	48	1	1	4.7	0.0
Llandudno	cb	bccb	46	52	0.3	-	6.7	0.2
Colwyn Bay	c	c	45	52	2	-	7.6	0.2
Rhyl	cbc	bc	45	53	3	-	5.8	0.0
Southport	b	bbc	42	51	0.1	-	9.6	0.0
Blackpool	cbc	c	43	54	0.3	-	7.5	0.0
Ilkley	bcbcb	b	50	59	-	-	6.1	0.0
Harrogate	b	b	39	48	0.3	-	7.7	0.0
Skegness	b	b	44	53	1	-	6.8	0.0
Aberystwyth	ocb	b	43	53	1	-	8.5	2.0
Bath	b	b	42	54	0.3	-	10.1	0.0
Leamington Spa	bc	bcz	39	53	0.1	-	7.7	0.0
Lowestoft	ocpo	opo	45	54	6	1	4.9	0.0
Felixstowe	cbc	bcc	43	55	3	-	4.3	0.0
Southend	ucq	bcq	41	56	5	-	6.6	0.0
Ilfracombe	b	b	47	56	1	-	9.9	2.3
Bude	bcbc	bcbc	47	55	1	-	9.1	4.4
Paignton	bq	bq	44	58	0.3	-	10.6	6.7
Torquay	b	b	43	59	0.3	-	10.1	6.6
Weymouth	b	b	42	57	-	-	9.8	1.8
Bournemouth	b	b	41	54	0.3	-	0.1	0.0
Portsmouth (S'thsea)	cbb	bbc	43	55	1	-	9.3	0.3
Littlehampton	bc	bc	40	55	1	-	6.7	0.0
Worthing	bcc	bbc	40	55	2	-	7.7	0.0
Brighton	c	bc	41	55	3	-	7.0	0.2
Eastbourne	cbc	bcb	40	57	4	-	7.8	0.0
Hastings	bcbc	bccb	38	54	10	-	4.3	0.0
Folkestone		c	43	58	15	-	4.3	0.0
Dover	ocbc	bcd.o	43	55	13	-	3.0	0.0
Tunbridge Wells	ococ	bcb	38	56	6	-	5.5	0.0
Ramsgate	robc	bcc	43	*	11	-	1.9	0.1
Margate	oc	co	45	54	5	-	1.3	0.1
Deal	rq	o.q.o	45	55	12	-	0.6	0.0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22598 Saturday, 6th October 1923.

Observations at 1800 G.M.T. 5th

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	1005·4	-5	SSE	3	oPR	45	92	6	4000	Nb	10	-	10	•
Stornoway	999·3	-2	SW	4	opr₀	53	85	6	450	St	10	—	10	•
Wick	1001·1	-4	SSW	3	o/r	47	92	8	1500	St	8	aSt	10	•
Castlebay	1002·5	0	W	4	c-	52	97	8	1500	C.Nb	7	-	7	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1005·3	-4	SSW	3	o/r	45	92	6	1500	Nb	10	—	10	1
Malin Head	1005·6	-0	W	5	bcPR	53	92	8	4000	C.Nb	4	-	4	•
Renfrew	1006·2	-4	SW	4	ar₀	50	92	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1005·7	-7	SW	5	o/r	50	85	8	-	St	5	aSt	10	•
Leuchars	1006·4	-5	SSW	3	o/r	48	85	6	1500	St	10	-	10	1
Eskdalemuir	1008·1	-5	SSW	5	odd	46	97	6	225	Nb	10	—	10	2
Tynemouth	1003·3	-5	W	1	o/f	49	85	5	800	St	10	-	10	•
Blacksod Point	1003·8	0	W	4	o	54	85	9	*	*	*	*	*	•
Donaghadee	1009·0	-2	SW	2	o	52	92	8	450	St	10	-	10	•
Birr Castle	1010·7	*	SW	1	o-	55	85	6	4000	Nb	9	-	9	•
Holyhead	1010·8	-4	SSW	5	ogr₀	52	97	6	450	Nb	10	-	10	1
Liverpool (Bidston)	1011·6	-3	S'W	1	o/r	50	85	6	1500	Nb	10	-	10	•
Chester (Shotwick)	1012·4	-4	SSE	3	ar₀	50	85	7	1500	St	10	—	10	1
Spurn Head	1013·4	-3	SW	3	o	45	85	6	-	-	0	aSt	10	•
Birmingham (Edgbaston)	1014·4	-3	S	3	o	45	85	6	4000	St	10	—	10	1
Nottingham	1013·5	-4	SW	2	o	48	85	6	2500	Nb	4	aSt	10	•
Cranwell	1015·0	-2	SW	2	or₀	46	92	5	4000	St	7	aSt	10	5
Gorleston	1015·3	0	W'N	3	c	50	65	7	4000	St.C.	8	—	8	•
Valencia (Cahirciveen)	1013·5	0	WNW	4	c	55	85	8	1500	St.C.	8	—	8	0
Roches Point	1011·2	-2	NW	3	c-	56	92	8	2500	St.C.	8	—	8	•
Pembroke (St. Ann's H.)	1013·1	-4	SW	4	o	53	85	8	2500	St	10	—	10	•
Ross-on-Wye	1014·3	-3	S'W	2	1mo	48	85	6	1500	St	7	aSt	10	1
Leafield	1015·0	-3	SW'S	3	o	45	85	7	4000	St	7	aSt	10	*
Andover	1016·5	-1	SW	1	o/r	45	85	7	1500	St	10	-	10	1
S. Farnborough	1016·4	-1	W	3	o	48	75	7	-	-	0	aSt	10	0
London (Kew Obsy.)	1016·2	-2	SW	2	o	49	65	6	-	-	0	aSt	10	1
Croydon	1016·0	-2	WNW	2	o+	49	65	6	4000	C.	3	aSt	10	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1015·8	-1	W'N	1	o+	50	65	8	-	-	0	c.St	9	*
Grain	1016·1	0	WNW	3	o+	48	65	6	4000	C.	10	-	10	5
Lympne	1015·6	-1	NW	3	o	49	65	6	4000	C.	5	c.St	10	0
Scilly (St. Mary's)	1015·0	-3	S'W	4	c/r	52	97	7	4000	St.C.	8	-	8	•
Falmouth (Pendennis)	1015·7	-3	SW	5	c-	54	75	8	4000	St.C.	7	-	7	•
Plymouth (Cattewater)	1015·6	-3	SW	4	c	56	65	8	4000	St.C.	6	aC.	8	0
Portland Bill	1016·5	-2	SW	2	o	53	65	7	-	-	0	aSt	10	•
Southampton (Calshot)	1016·8	-1	W'N	3	ar₀	48	75	7	2500	Nb	2	aSt	10	0
Dungeness	1015·3	0	N	3	c+	52	65	7	4000	C.	6	c.C.	8	•
Jersey	1017·6	0	SSW	3	c	55	75	8	4000	St.Cu.	8	-	8	•
Guernsey														

Observations at 1800 G.M.T. 5th

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	1001·3	-4	SSE	3	ogr₀	47	97	5	4000	Nb	10	-	10	2
Stornoway	999·9	0	SW	3	oPR	48	92	6	450	St	10	-	10	2
Wick	999·3	-2	SW	2	o	50	92	8	2500	Nb	4	Ast	9	0
Castlebay	1002·5	0	WNW	5	opr₀	51	85	8	1500	C.Nb	10	-	10	5
Nairn	1000·8	*	W	1	cjp	50	92	8	1500	St	7	-	7	•
Aberdeen	1002·8	-2	SW	3	c	49	85	6	800	St.Cu.	8	-	8	0
Malin Head	1006·3	+1	W'N	6	cPR	49	97	7	4000	Nb	8	-	8	4
Renfrew	1005·0	0	WSW	4	o/r	50	85	6	1500	St.	9	-	9	•
Edinburgh (Inchkeith)	1004·2	-1	WSW	4	o	51	85	7	*	St.	9	-	9	3
Leuchars	1003·4	-2	SW	3	o/r	50	92	6	2500	St	7	Ast	9	•
Eskdalemuir	1006·2	-1	SSW	3	o/r	49	97	6	450	St.	10	-	10	•
Tynemouth	1007·5	-3	W	2	o-	51	85	5	800	St	9	-	9	1
Blacksod Point	1019·0	+2	WSW	5	bc-	51	85	8	*	*	*	*	6	4
Donaghadee	1008·4	+1	W	1	bc+	51	92	8	450	St	6	-	6	2
Birr Castle	1011·1	*	W	1	c-	52	85	6	4000	St.Cu.	8	-	8	•
Holyhead	1009·6	-1	WSW	4	o	54	97	7	800	Nb	10	-	10	3
Liverpool (Bidston)	1009·4	-2	SSW	3	o/r	51	92	7	2500	St.	10	-	10	3
Chester (Shotwick)	1009·8	-2	SSW	3	o	53	85	7	1500	St	9	-	9	•
Spurn Head	1011·4	-1	SSW	3	o	48	92	6	*	-	0	-	10	2
Birmingham (Edgbaston)	1012·3	-2	S	3	o	47	85	6	2500	St.Cu.	9	-	9	•
Nottingham	1011·5	-2	SW	2	o	48	85	7	1500	Nb	10	-	10	•
Cranwell	1012·7	-1	SSW	3	o	47	97	7	2500	St.	10	-	10	•
Gorleston	1014·9	0	S'W	1	o+	46	75	6	-	-	0	-	10	1
Valencia (Cahirciveen)	1014·5	+1	NW	4	c	51	85	8	4000	St.Cu.	4	Ci.	8	3
Roches Point	1012·6	+1	NW	3	o+	54	85	8	2500	St.Cu.	9	-	9	0
Pembroke (St. Ann's H.)	1011·4	-3	SW	4	ODD	53	97	6	4150	Nb	10	-	10	4
Ross-on-Wye	1012·4	-2	SSW	2	o	50	85	7	2500	St.	10	-	10	•
Leafield	1013·8	-1	S	2	o+	45	97	4	4000	St.	9	-	9	•
Andover	1014·7	-2	S'W	3	o	47	85	7	4000	St.Cu.	10	-	10	•
S. Farnborough	1014·9	-1	S	2	mmo	46	85	5	-	-	0	Ast	10	•
London (Kew Obsy.)	1014·8	-1	S	1	o	48	75	6	1500	St	10	-	10	•
Croydon	1015·2	0	SW'S	2	o	46	85	6	4000	St.Cu.	7	Ast	10	•
Clacton-on-Sea	1014·4	-1	W	2	o+	49	75	6	2500	St.	10	-	10	0
Shoeburyness	1014·8	0	WNW	1	o	48	75	8	5700	St.Cu.	5	A.St	10	•
Grain	1015·1	0	SW'S	3	o	49	65	6	5700	St	10	-	10	0
Lympne	1015·3	0	W	2	o	47	75	5	-	-	0	A St	10	•
Scilly (St. Mary's)	1013·5	-1	SW'S	3	odd	55	97	5	2500	Nb	10	-	10	3
Falmouth (Pendennis)	1013·1	-1	SW	4	odd	53	92	6	1500	Nb	10	-	10	0
Plymouth (Cattewater)	1014·1	-1	SW	4	or₀+	53	85	7	1500	St.	10	-	10	0
Portland Bill	1014·7	-4	SW	4	c-	54	65	7	4000	St.Cu.	8	-	8	1
Southampton (Calshot)	1015·5	0	SE'S	3	o	51	75	7	2500	St.Cu.	10	-	10	0
Dungeness	1015·3	-1	NW	2	o-	49	75	7	2500	St.	10	-	10	2
Jersey	1016·0	0	SW	3	o	54	65	8	4000	St.Cu.	10	-	10	3
Guernsey	1016·2	-1	WSW	2	bc+	50	85	8	-	-	0	A.Cu.	5	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. 6th								YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	18	cmom	o2om	omcdr	*	*	41	-	1	0·8	*	*
Croydon } 24 hours ended 0700	244	omcza	o2m	bmor₀	*	*	42	-	1	1·4	*	*
Greenwich (Royal Obsy.)	149	bco	o	odr	53	43	43	-	1	0·2	65	96
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·0	*	*
Westminster (St. James' Pk.)	27	*	*	*	54	43	43	/		0·2	67	89
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	0·2	*	*
Camden Square	110	oc	o	*	53	42	43	-	3	*	*	97
Kensington Palace	80	o	o	*	50	47	41	-	1	*	At 18h 73	100
Hampstead Observatory	450	*	*	*	51	41	44	-	3	1·0		95

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington

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

Kew Observatory

Max.	Time.	Min.	Time.
0·4	4th 18h	0·3	5th 1h
0·9	5th 8h		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 5th 18h 15m. to 6th 5h 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10·30		
δ Ursæ Minoris	10·30		

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1300 and 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 on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
12h.	Cq 4	7	-	125
18h.	Cq-2	7	-	110
01h.	Cq-2	6	-	100
07h.	Cq-2	6	-	85

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

6th–7th October, 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·4	11·41	5·18
	6·6	11·41	5·16
Greenwich	6·10	11·43	5·24
	6·12	11·43	5·24
Wick	6·30	12·00	5·31
	6·32	12·00	5·28
Valencia	6·51	12·29	6·7
	6·53	12·29	6·5

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

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

SEA DISTURBANCE.

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

* For explanation see Introduction.

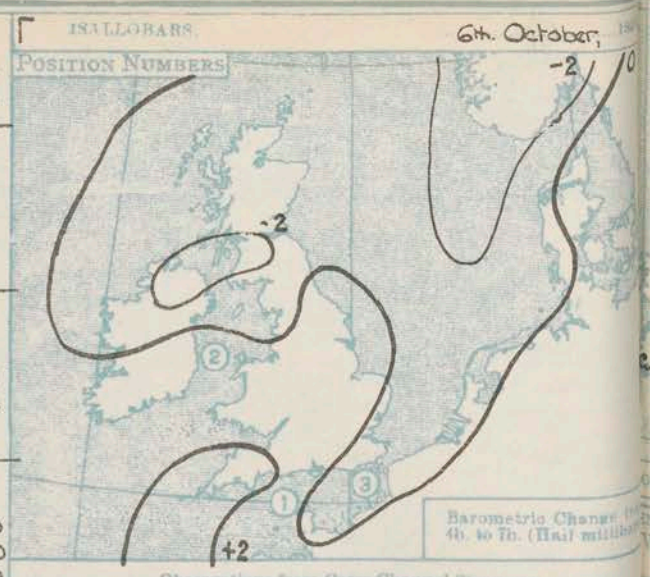
* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 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. Hours.
Lerwick	ar or	omr	omr	c	48	47	•	3	6	L0800	<2100	0.0
Stornoway	p	p	p	bcp	53	44	•	3	2	-	-	1.9
Wick	orr	oo	oir	c	51	44	•	2	1	L0800	<2100	•
Castlebay	ocobc	cop	opco	orrc	51	47	•	1	5	-	-	2.9
Nairn	cagbc	bcprc	cprg	cpg	56	44	•	1	1	1630	2400	2.3
Aberdeen	oirom	c	cbcb	bbce	50	40	31	0.4	-	L0800	-	1.1
Malin Head	do PR	coPR	PRpo	p. PR	54	47	•	2	4	L0800	<2100	2.4
Renfrew	odo	odoro	ocm	copm	53	47	43	0.5	0.4	L0800	04.30	3.1
Edinburgh (Inchkeith)	ido	oo	c	p	52	47	45	Trace	Trace	0900	05.30	0.1
Leuchars	oirom.	oopm	omcbcb	bbcco	52	43	34	0.4	-	L0800	-	0.0
Eskdalemuir	oidm	odmr	oprcbc	oro	49	43	41	4	4	L0800	<2100	0.0
Tynemouth	ofmo	om	b-bcm	b-bc	51	47	43	Trace	-	L0800	-	•
Blacksod Point ...	p	p	r-d	p	49	46	•	0.2	4	-	-	•
Donaghadee	omd	bcp	c	c	51	44	•	1	-	L0800	-	•
Birr Castle	ocroc	coir	copro	co	57	45	37	1	0.1	L0800	-	2.0
Holyhead	proD	rrmir	ocbcb	bbcc	54	50	48	3	-	L0800	-	0.0
Liverpool (Bidston) ...	rpoo	p		p	53	42	42	1	1	L0800	02.30	0.0
Chester (Shotwick) ...	oro m	odoro	oproc	cbbco	53	43	33	1	0.2	L0800	<2100	0.0
Spurn Head	o	oo	p	oo	49	47	•	-	Trace	-	<2100	1.1
Birmingham (Edgbaston)	om	oro	coro	ourc	48	46	44	0.2	0.3	1230	22.00	0.0
Nottingham	mro	.oo	o	cm	51	45	38	0.1	-	1100	-	0.0
Cranwell	oro	oirom	p	c	50	46	43	Trace	0.2	1230	2200	0.1
Gorleston	c	co	oo	odor	52	45	44	-	0.5	-	0330	1.9
Valencia (Cahirciveen)	oide	copc	c	opo	55	50	43	0.3	1	L0800	2200	1.8
Roches Point	ddmc	co	ob	bwc	58	48	•	2	Trace	L0800	-	•
Pembroke (St. Ann's H.)	o	ofdd	oo	oo	54	50	•	1	0.2	1430	<2100	0.1
Ross-on-Wye	roro	opo	oido	oo	51	48	45	1	0.1	L0800	<2100	0.0
Leafield	o	oo		r-d	50	45	43	-	1	-	01.30	0.1
Andover	omroro	oo	ooTT	orro	48	46	44	0.2	3	1100	2100	0.0
S. Farnborough ...	omo	oom	omo	oro	49	45	42	-	1	-	2400	0.4
London (Kew Obsy.) ...	cxmoz	o3om	omco	ocirom	50	47	41	-	1	-	2400	0.8
Croydon	omcz	o3m	bmoz	omrdo	50	45	42	-	1	-	2400	1.5
Clacton-on-Sea ...	bcc	cog	og	ogp	53	48	46	-	0.4	-	0430	5.7
Shoeburyness	bmbcco	o	o	odom	54	47	46	-	1	-	-	5.2
Grain	bwmoz	o3	odom	ododm	50	47	40	-	1	-	05.30	3.9
Lympne	bcco	o	opr	omd	49	45	43	-	Trace	-	2200	4.1
Scilly (St. Mary's) ...	com	comd	cbc	bc	55	50	•	1	0.5	1100	<2100	0.4
Falmouth (Pendennis)	cobcc	comd	omrbc	bc	54	49	•	Trace	1	1730	<2100	3.2
Plymouth (Cattewater)	obc	cor	orr	obco	57	51	40	Trace	3	1730	<2100	3.7
Portland Bill	c	c	r-d	c	55	54	•	-	1	-	<2100	•
Southampton (Calshot)	omro	oo	or	ro	51	50	47	Trace	3	1230	22.00	0.1
Dungeness	c	c	oo	c	52	48	•	-	-	-	-	•
Jersey	o	obco	oco	orro	57	50	•	-	2	-	03.30	0.7
Guernsey	o	b	bbcd	roo	56	48	•	-	5	-	2400	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	6th 0300	"Brighton"	WSW	5	0+	53	58
2	5th 1000	"Anglia"	SSW	5	0m	55	53

GENERAL INFERENCE.

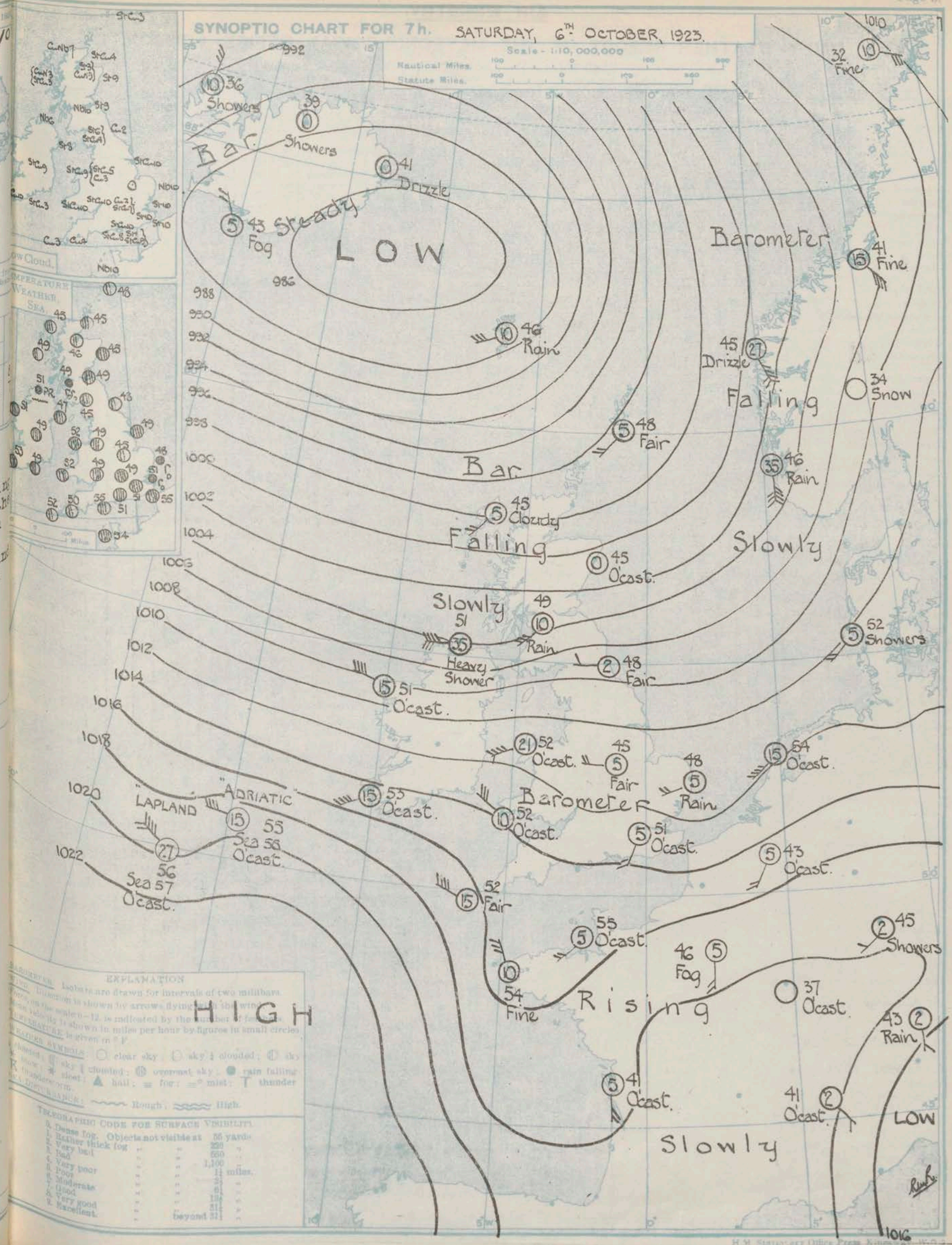
The V shaped secondary recently over England is passing away to the Continent but another disturbance is causing a fresh fall of pressure in Scotland. Westerly winds are probable and cloudy weather with occasional rain in all districts.

Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 6th October, 1923.

Districts.	Forecasts	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate to fresh westerly winds; cloudy, occasional slight rain; visibility moderate; rather mild.	Unsettled. ------
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	Westerly winds, strong at times; mainly cloudy, occasional rain; visibility moderate or good; moderate temperature.	South Cone still flying. ------

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. Saturday, 6th October 1923. No. 279.

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	998·2	-2	SSW	2	ocfg	49	97	6	4000	Nb	10	-	10
Stornoway	51	999·6	0	W	4	PR	•	•	5	•	•	•	•	•
Wick	81	999·0	0	SW	2	o/r	47	92	8	2500	CuNb	4	ASr	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1006·7	0	W	6	bc/r	50	97	9	5700	StCu	3	ACu	4
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1004·8	+1	WSW	4	b-	48	85	8	-	St	2	ASr	3
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1007·2	0	WNW	1	b-	49	92	6	800	St	1	-	1
Blacksod Point ...	10	1010·9	-1	W	4	o+	50	85	6	-	-	-	-	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1011·1	+1	W'N	5	b	51	85	8	4000	StCu	1	-	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head 1010·0 ...	26	1000	-2	WNW	4	o	48	97	7	2500	Nb	9	-	9
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1011·0	-1	WSW	3	o/r	49	97	6	1500	St	10	-	10
Gorleston	13	1013·2	-1	SW	3	o	46	85	6	-	-	0	ASr	10
Valencia (Cahirciveen)	30	1015·3	0	SW	2	C+	51	97	8	-	Cu	7	-	7
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1013·1	+1	NW	3	o	52	85	8	4000	StCu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	1013·6	-2	SW'S	2	o/r+	48	85	6	1500	St	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	80	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1013·7	-1	W	3	o/r	48	85	7	1500	StCu	9	-	9
Scilly (St. Mary's) ...	131	1014·6	+2	N'W	4	bc-	53	97	8	4000	Cu	4	-	4
Falmouth (Pendennis)	200	1013·7	0	NW	3	b	53	92	8	4000	StCu	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1030	-4	SW	3	ocfg	55	85	7	2500	Nb	10	-	10
Southampton (Calshot)	12	1013·7	-1	SSW	3	or-	52	97	6	800	Nb	10	-	10
Dungeness	21	1013·9	-1	SW	5	o	54	85	8	-	-	0	ASr	10
Jersey	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1015·2	-1	SW	3	cdo	52	97	5	2500	Nb	8	-	8

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	997·2	0	SW	2	bc	48	85	6	5100	StCu	3	ACu	5
Stornoway	997·5	-1	SW	2	c	45	92	7	1500	CuNb	7	-	7
Wick	998·1	-1	SW	3	c	45	92	8	4000	StCu	4	ACu	7
Castlebay	1001·0	0	WNW	5	bc/r	49	92	8	2500	CuNb	6	-	6
Nairn	999·3	•	W	1	bc/r	46	92	8	1500	St	6	-	6
Aberdeen	1001·5	-1	-	0	o+	45	92	7	1500	St	9	ACu	10
Malin Head	1003·7	-3	W	7	cPR	51	97	7	4000	Nb	6	ASr	7
Renfrew	1003·8	-2	SW	3	ocfg	49	92	6	1500	Nb	10	-	10
Edinburgh (Inchkeith)	1003·6	-1	SW	5	c-	49	85	8	-	St	3	ASr	8
Leuchars	1002·7	-1	SW	4	o	48	85	7	2500	St	6	ASr	10
Eskdalemuir	1006·2	-1	SSW	5	o/r	45	92	8	1500	St	10	-	10
Tynemouth	1007·6	0	W	1	bc	48	85	6	4000	Cu	2	CiCu	5
Blacksod Point ...	1009·6	0	WNW	4	o	51	85	8	-	-	-	-	10
Donaghadee	1008·4	0	SSW	3	C+	47	92	8	800	St	8	-	8
Birr Castle	1011·6	•	WSW	1	o+	49	97	6	2500	StCu	9	-	9
Holyhead	1011·0	0	WSW	5	o	52	85	8	2500	StCu	9	-	9
Liverpool (Bidston) ...	1010·2	0	WSW	4	c/r	49	92	7	2500	StCu	8	-	8
Chester (Shotwick) ...	1010·9	0	SW	3	o+	49	85	7	2500	StCu	10	-	10
Spurn Head	1009·8	0	WSW	3	o	49	97	7	4000	StCu	10	-	10
Birmingham (Edgbaston)	1012·0	+1	SW	3	C-	48	85	6	2500	StCu	8	-	8
Nottingham	1011·1	+1	W	2	bc	45	97	4	-	-	0	ACu	6
Cranwell	1011·2	0	WSW	3	C	47	97	6	4000	StCu	6	ACu	7
Gorleston	1011·9	-1	SW'W	2	o/r+	48	97	5	4000	Nb	10	-	10
Valencia (Cahirciveen)	1015·5	0	W'S	4	o/r	53	85	7	1500	StCu	10	-	10
Roches Point	1014·8	0	W	1	C	49	97	8	4000	StCu	3	Ci	7
Pembroke (St. Ann's H.)	1014·0	+1	~~SSW~~ W	3	o	52	85	8	4000	StCu	10	-	10
Ross-on-Wye	1012·5	+1	W	2	o	49	85	8	4000	StCu	10	-	10
Leafield	1011·9	+1	WNW	2	o/r	49	97	8	-	StCu	9	-	9
Andover	1012·7	0	WSW	3	o/r	50	97	7	1500	St	10	-	10
S. Farnborough ...	1012·3	0	W	1	o-	51	97	7	4000	StCu	10	-	10
London (Kew Obsy.) ...	1012·4	0	SSW	2	o	51	92	6	1500	St	10	-	10
Croydon	1012·4	-1	SW'S	2	o/r	51	97	6	800	Nb	10	-	10
Clacton-on-Sea ...	1011·7	-1	SW	3	og	51	97	6	1500	St	10	-	10
Shoeburyness	1012·3	-1	WSW	1	od	51	92	5	1500	Nb	10	-	10
Grain	1012·4	0	SSW	4	odd	52	97	5	1500	St	10	-	10
Lympne	1012·6	0	W'S	3	od+	51	97	5	450	Nb	10	-	10
Scilly (St. Mary's) ...	1016·5	+2	NW	4	bc	52	92	8	4000	Cu	3	Ci	5
Falmouth (Pendennis)	1015·7	+2	WNW	2	bc	50	85	8	5100	Cu	4	-	4
Plymouth (Cattewater)	1014·8	+2	W	2	o	51	85	8	2500	St	9	-	9
Portland Bill	1013·0	0	SW	3	c	55	75	7	4000	StCu	8	-	8
Southampton (Calshot)	1012·7	0	WSW	3	o/r	53	97	8	800	StCu	10	-	10
Dungeness	1012·6	-1	SW	5	o+	53	92	8	2500	St	10	-	10
Jersey	1014·4	0	SW	2	o/r	55	92	8	1500	Nb	10	-	10
Guernsey	1014·5	0	WNW	3	o/r	54	97	8	2500	Nb	10	-	10

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 4th-5th °F.	Temperature. Max. Day. 5th °F.	Rainfall.† Night 17h.-9h. 4th-5th mm.	Rainfall.† Day 9h.-17h. 5th mm.	Sunshine. Sunrise to 17h. 5th hr.	Sunshine. Sunrise to Sunset. 4th hr.
Montrose	ome	cfc	35	51	0·5	-	-	8·2
Berwick-on-Tweed	ogdd	dbco	34	54	0·2	0·1	0·9	4·7
Llandudno	bo	oco	39	57	1	0·1	0·7	7·0
Colwyn Bay ...	c	co	43	54	1	-	0·3	7·6
Rhyl	o	o	38	54	2	-	-	3·8
Southport	rorc	or	37	50	1	2	-	9·6
Blackpool	or	op.	38	52	3	2	-	7·5
Ilkley	Xomdo	omdgo	30.	50	0·3	0·5	0·1	6·1
Harrogate	o	ocod	33	51	-	0·3	0·3	7·7
Skegness	Xco	o	34	49	0·3	-	2·6	6·8
Aberystwyth ...	ror	o	39	54	2	1	0·9	8·5
Bath	ro	ocbc	32	54	trace	0·5	0·7	10·1
Leamington Spa ...	obcb	cbom	31	50	-	-	-	7·7
Lowestoft	oc	o	40	53	-	-	2·8	4·9
Felixstowe	obc	bcom	37	53	-	-	5·7	4·3
Southend	bc	o	36	54	-	-	4·0	6·6

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 4th-5th °F.	Temperature. Max. Day. 5th °F.	Rainfall.† Night 17h.-9h. 4th-5th mm.	Rainfall.† Day 9h.-17h. 5th mm.	Sunshine. Sunrise to 17h. 5th hr.	Sunshine. Sunrise to Sunset. 4th hr.
Ilfracombe	bbc	bccod	42	55	-	-	2·6	10·1
Bude	c	cbcod	38	57	-	0·2	2·0	9·1
Paignton	ocbec	o	39	57	-	-	3·7	10·6
Torquay	cobc	bcco	42	59	-	-	3·7	10·2
Weymouth	ocdo	c	36	58	-	0·4	1·1	10·6
Bournemouth ...	mc	c	34	52	-	-	0·3	9·9
Portsmouth (S'thsea)	bcco	o	39	50	-	-	0·6	6·7
Littlehampton ...	bcmbc	bcoc	35	50	-	-	3·9	7·7
Worthing	cbc	o	40	53	-	-	1·8	7·0
Brighton	c	o	37	56	-	-	1·2	7·5
Eastbourne	co	oco	39	52	-	-	2·8	7·3
Hastings	bcc	bo	38	51	-	-	2·2	4·3
Folkestone	b	bc	39	52	-	-	5·4	3·2
Dover	b	bcd	40	52	-	-	6·2	5·5
Tunbridge Wells ...	bo	bco	39	52	-	-	3·7	1·8
Ramsgate	obc	bco	43	~~[illegible]~~ 50?	-	-	5·4	4·0
Margate	bcb	co	46	54	-	-	4·9	0·6
Deal	bbc	co	41	54	-	-	5·5	

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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. 22599 SUNDAY, 7th OCTOBER 1923.

Observations at 1800 G.M.T. 6th

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	998.4	+1	SW	2	c/r	52	85	6	4000	CuNb	5	A Cu	4	•
Stornoway	990.0	+1	SW	3	bc/r	52	45	4	1500	CuNb	4	-	4	•
Wick	999.0	+1	SW	3	0+	51	45	8	4000	Cu	3	A St	9	•
Castlebay	1003.2	+2	W	5	bc/h	52	85	8	4000	Cu	2	A St	4	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001.1	-1	WNW	3	bc-	56	65	8	2500	Cu	4	-	4	1
Malin Head	1006.3	+2	WNW	4	bc/R	54	94	8	4000	CuNb	4	Ci Cu	6	•
Renfrew	1005.2	+2	W	4	opr	52	45	8	2500	StCu	9	-	9	2
Edinburgh (Inchkeith)	1002.9	-1	WSW	5	bc-	51	45	8	*	Cu	3	Ci St	5	•
Leuchars	1002.0	0	W	4	b	56	65	8	4000	Cu	3	-	3	0
Eskdalemuir	1005.4	0	W	4	c/r	51	45	8	2500	StCu	8	-	8	2
Tynemouth	1006.0	-1	WSW	1	b-	55	45	4	-	-	0	Ci Cu	3	•
Blacksod Point	1011.4	+1	W	5	o	55	85	8	-	*	0	*	10	•
Donaghadee	1008.6	0	W	4	bc	56	45	8	1500	Cu	4	-	4	•
Birr Castle	1011.4	?	W	3	c-	55	45	4	2500	Cu	6	Ci	8	•
Holyhead	1011.1	+1	WS	5	o	54	85	8	4000	StCu	9	-	9	1
Liverpool (Bidston)	1009.5	-1	WSW	6	c/r	51	92	8	2500	Nb	8	-	8	•
Chester (Shotwick)	1010.4	0	SW	5	o	56	45	8	1500	St	9	-	9	5
Spurn Head	1009.1	-2	W	4	o	53	85	4	4000	StCu	9	-	9	•
Birmingham (Edgbaston)	1011.4	-1	SSW	4	c/p	53	45	8	2500	CuNb	4	-	4	1
Nottingham	1009.8	-1	W	4	o	55	45	4	2500	StCu	9	-	9	•
Cranwell	1010.4	-1	WSW	4	o	56	85	8	2500	StCu	6	A Cu	10	1
Gorleston	1011.2	0	W	3	0+	56	65	6	4000	Cu	10	-	10	•
Valencia (Cahirciveen)	1014.0	+1	W	4	c	53	85	4	1500	StCu	2	A Cu	8	1
Roches Point	1015.5	0	W	3	o	56	45	8	2500	StCu	6	A St	10	•
Pembroke (St. Ann's H.)	1014.2	0	W	5	c	54	85	8	4000	StCu	8	-	8	•
Ross-on-Wye	1012.6	-1	W	3	o/r	54	45	8	4000	Cu	9	Ci	9	5
Leafield	1012.5	-1	W	2	c-	54	45	6	5000	StCu	4	A Cu	4	•
Andover	1013.3	+1	W	5	c+	56	65	8	1500	Cu	6	Ci Cu	8	0
S. Farnborough	1013.0	0	WNW	3	o	58	45	4	4000	StCu	9	-	9	0
London (Kew Obsy.)	1012.4	0	W	2	o	56	55	8	4000	StCu	10	-	10	1
Croydon	1012.6	0	~~WNW~~ NW	3	o	54	55	4	2500	StCu	9	-	9	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012.6	0	NW	2	c/r	55	65	8	2500	Cu	6	A St	10	*
Grain	1011.9	-1	WS	4	o-	54	45	4	2500	StCu	9	-	9	2
Lympne	1011.4	-1	WNW	3	c/r	54	85	4	1500	StCu	4	A Cu	10	1
Scilly (St. Mary's)	1018.0	+1	WN	5	c	54	85	8	4000	StCu	4	-	4	•
Falmouth (Pendennis)	1016.0	+1	W	4	bc/r	54	85	8	5000	StCu	5	-	5	•
Plymouth (Cattewater)	1015.8	0	W	4	c	56	65	8	4000	StCu	8	-	8	0
Portland Bill	1014.4	+2	SW	3	c	56	45	4	4000	StCu	8	-	8	•
Southampton (Calshot)	1014.9	+2	WNW	4	c	55	45	8	4000	StCu	5	A Cu	8	0
Dungeness	1012.8	0	W	3	c-	58	94	8	2500	St	8	-	8	•
Jersey	1015.8	+1	WNW	3	o	59	65	8	2500	StCu	10	-	10	•
Guernsey	1016.3	0	NW	4	o	55	95	8	4000	StCu	10	-	10	•

Observations at 1800 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rem. 0-9
Lerwick	999.2	+2	SW	1	0	48	85	6	4000	Cu	2	A St	9	0
Stornoway	1001.1	+2	SW	3	bc/r	49	85	4	4000	Cu	3	Ci	4	1
Wick	1000.5	+2	SW	2	bc/r	45	92	8	2500	CuNb	4	Ci St	6	0
Castlebay	1004.6	+1	W	5	0	51	92	8	2500	StCu	10	-	10	4
Nairn	1003.1	*	-	0	c/r	46	85	8	1500	St	8	-	8	•
Aberdeen	1003.4	+3	W	2	bc	49	45	4	4000	StCu	3	Ci St	4	0
Malin Head	1004.4	+1	W	4	o/R	52	85	8	4000	CuNb	3	A Cu	9	4
Renfrew	1006.5	+2	W	4	opr	49	85	8	2500	Nb	9	-	9	*
Edinburgh (Inchkeith)	1005.2	+3	W	4	c/p	49	85	8	*	CuNb	3	A Cu	8	2
Leuchars	1005.0	+2	W	4	c	49	45	8	4000	StCu	4	Ci	4	2
Eskdalemuir	1004.8	+2	W	3	c	48	45	4	2500	StCu	8	-	8	•
Tynemouth	1004.2	+2	WSW	2	b	50	85	6	-	-	0	A Cu	2	1
Blacksod Point	1012.1	0	W	4	o/c	50	85	7	-	*	10	*	10	5
Donaghadee	1010.5	+2	SW	2	0+	51	45	8	1500	St	9	-	9	3
Birr Castle	1013.5	*	W	2	0+	52	45	6	2500	StCu	9	-	9	•
Holyhead	1012.5	+2	W	5	0	55	45	8	4000	StCu	10	-	10	3
Liverpool (Bidston)	1011.0	+1	WS	5	c+	51	85	4	4000	St	4	-	4	6
Chester (Shotwick)	1011.4	+2	W	3	0	53	45	8	2500	St	4	A Cu	10	•
Spurn Head	1009.8	+1	W	3	c	51	94	6	4000	CuNb	8	-	8	2
Birmingham (Edgbaston)	1012.0	+3	WSW	3	b/r	50	85	4	2500	St	2	Ci	3	•
Nottingham	1011.8	+2	W	2	bc	52	45	6	1500	Nb	5	Ci	6	•
Cranwell	1011.4	-2	W	3	b	49	94	4	-	-	0	-	0	•
Gorleston	1011.5	0	WSW	2	c-	52	85	6	4000	StCu	8	-	8	0
Valencia (Cahirciveen)	1014.3	+1	WNW	4	0	54	85	4	1500	St	4	A St	10	4
Roches Point	1016.4	+1	W	2	c	54	85	8	2500	StCu	4	Ci Cu	4	0
Pembroke (St. Ann's H.)	1015.0	+1	W	4	0	54	85	8	4000	StCu	10	-	10	5
Ross-on-Wye	1013.6	+2	WS	1	0	52	45	8	2500	Nb	4	A St	10	•
Leafield	1013.6	+3	W	3	c+	49	85	8	4000	Nb	4	Ci	4	•
Andover	1014.5	+1	WS	3	0	50	92	8	2500	StCu	4	A St	10	•
S. Farnborough	1014.1	+2	W	2	0	51	92	4	4000	StCu	9	A St	10	•
London (Kew Obsy.)	1013.4	+2	SWW	2	0	53	45	6	5000	StCu	2	A St	9	•
Croydon	1013.4	+2	WSW	2	bc	51	85	6	2500	StCu	6	-	6	•
Clacton-on-Sea	1012.3	+1	W	3	bc-	53	45	4	4000	Cu	5	-	5	0
Shoeburyness	1012.9	0	NW	2	mb	53	45	5	4000	StCu	1	-	1	•
Grain	1013.2	+2	WSW	4	c/r	53	45	4	5000	StCu	8	-	8	0
Lympne	1013.4	+2	W	3	bc	50	85	4	4000	StCu	3	A Cu	5	•
Scilly (St. Mary's)	1018.1	0	WNW	3	c	54	92	8	4000	Cu	3	Ci Cu	8	3
Falmouth (Pendennis)	1018.0	+1	W	4	or	54	85	8	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1016.9	+1	W	3	o/r	54	85	4	4000	StCu	10	-	10	0
Portland Bill	1015.2	+2	SW	3	0+	56	45	4	4000	StCu	10	-	10	1
Southampton (Calshot)	1015.1	+2	SWW	3	0+	53	85	8	4000	Cu	2	A St	9	0
Dungeness	1013.4	+3	SSE	3	0-	54	85	4	2500	St	4	A St	10	4
Jersey	1016.4	0	WNW	3	0	55	45	8	4000	StCu	10	-	10	3
Guernsey	1017.9	+2	WNW	3	0	54	85	8	2500	StCu	10	-	10	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.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0600 G.M.T. 7th								YESTERDAY.	TO-DAY.	
Kew } 24 hours ended 0700	18	ombcy	bcyq	ozbcw	*	*	38	Tr	Tr	3.3	*	*
Croydon } 24 hours ended 0700	244	omco	ocbcy	bmbcw	*	*	43	-	-	3.4	*	*
Greenwich (Royal Obsy.)	149	0	b	bwmcw	59	45	40	-	-	1.4	61	85
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.5	*	*
Westminster (St. James' Pk.)	27	*	*	*	59	46	40	—		2.5		
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	1.6	*	*
Camden Square	110			*	59	45	40	—		*	*	
Kensington Palace	80	oc	obc	*	59	46	34	-	-	*	80 At 18h	92
Hampstead Observatory	450	*	*	*	57	44	40	—		-		

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th ....h....m. to 7th ....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 ½ sec.	Stren.	Direc.
12h.	C	6	-	116°
18h.	C_1C_2	6	-	130
01h.	C	6	-	95
07h.	C	6	-	125

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

7th & 8th October 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.6	11.41	5.16
	6.8	11.41	5.14
Greenwich	6.12	11.48	5.24
	6.14	11.48	5.22
Wick	6.32	12.0	5.28
	6.35	12.0	5.25
Valencia	6.33	12.29	6.5
	6.35	12.29	6.3

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
pc 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.
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.
y 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.

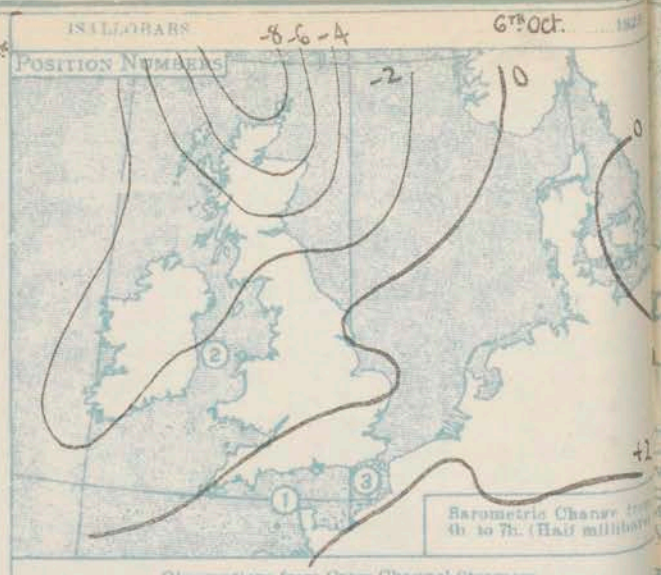
* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 8.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 6th	13h.-18h. 6th	18h. 6th to 1h. 7th	1h.-7h. 7th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began	Precipitation began.	SUN. 6th Hours.
Lerwick	cRr	c	cpr	omd	52	45	•	0.5	2	<0800	<2100	4.6
Stornoway	c	p	r.d	p	52	45	•	2	3	-	-	5.8
Wick	c	pbc	oo	oir	58	42	•	0.4	0.1	1430	0530	•
Castlebay	chpbc	b	op	op	55	51	•	1	1	-	-	5.3
Nairn	cbc	beirc	cg	cg	53	43	•	1	-	1430	-	3.6
Aberdeen	ormbc	bejp	co	opr	56	43	31	-	0.5	-	0630	3.4
Malin Head	PHR	PR	oPR	orT	55	51	•	4	2	<0300	<2100	4.4
Renfrew	orod	cpop	op	oD D	56	48	45	3	3	<0800	2200	3.6
Edinburgh (Inchkeith)	p	p	c	p	53	48	46	2	0.2	0900	0430	5.9
Leuchars	opcbcb	bbcc	co	oo	54	43	39	0.5	-	<0800	-	5.5
Eskdalemuir	odopc	copcpc	cor o	oor	53	44	43	2	5	<0800	<2100	3.2
Tynemouth	c	bbc	bbcm	oir m	56	49	44	-	0.4	-	-	•
Blacksod Point ...	P	P	oo	c	55	49	•	1	1	-	-	•
Donaghadee	bcqp	cp	op	op	58	49	•	0.3	0.4	<0800	1530	•
Birr Castle	copr	co	co	co	58	48	45	0.2	-	<0800	-	3.0
Holyhead	oPpr	oco	ocbc	cor	54	52	50	0.6	0.2	0900	0630	3.3
Liverpool (Bidston) ...	opbcc	bco	co		55	49	44	0.3	-	1230	-	3.4
Chester (Shotwick) ...	opr	orro	obc	bcco	59	42	34	0.2	-	1100	-	3.4
Spurn Head	c	p	bbzcz	c	54	44	•	0.5	0.2	<0800	<2100	0.9
Birmingham (Edgbaston)	cbc	orbc	bcbr	obcc	~~50~~ 50	44	42	1	Trace	1230	2200	2.5
Nottingham	c	c	cocb	bbc	58	42	34	-	-	-	-	4.3
Cranwell	c	oprb	c	bbc	58	45	41	3	-	1430	-	3.8
Gorleston	oco	c	bw	bwb	54	44	40	0.2	-	<0800	-	1.0
Valencia (Cahirciveen)	ompc	opco	o	oodm	56	52	50	Trace	0.3	-	0430	0.9
Roches Point	co	opc	obo	ome	56	51	•	0.2	Trace	1330	-	•
Pembroke (St. Ann's H.)	oc	oo	c	oo	55	54	•	-	-	-	-	1.2
Ross-on-Wye	ocbvo	opcvo	og	oco	54	47	41	0.1	-	1330	-	1.5
Leafield	c	p	c		56	44	35	Trace	-	1330	-	3.0
Andover	ocbc	coco	oo	oo	58	41	32	-	-	-	-	5.0
S. Farnborough ...	oo	c	ocbc	co	59	34	33	-	-	-	-	3.5
London (Kew Obsy.) ...	ombcc	bcyoz	ozbcbw	bwbcw	58	46	38	Trace	Trace	-	-	3.3
Croydon	omco	ocbcym	cmb	bcw	58	48	43	-	-	-	-	3.X5
Clacton-on-Sea ...	ogpc	cbc	bc	bc	54	46	43	1	-	<0800	-	2.5
Shoeburyness	odc	ocbcbm	bmb	b	59	45	41	0.5	-	<0800	-	1.3
Grain	odmco	obccp	cpobc	bcbmw	54	43	34	1	Trace	0900	<2100	1.3
Lympne	orrm	obbc	bc	bmw	58	40	32	4	Trace	<0800	-	2.2
Scilly (St. Mary's) ...	bcc	c	c	c	58	53	•	-	-	-	-	2.9
Falmouth (Pendennis)	bcobc	bcdor	orbcc	cbc	58	52	•	Trace	-	1230	-	3.0
Plymouth (Cattewater)	oc	cor	ob	bc	54	52	42	Trace	-	1630	-	1.2
Portland Bill	c	c	c	c	54	54	•	-	-	-	-	•
Southampton (Calshot)	c	c	bbc	c	58	49	44	-	-	-	-	3.3
Dungeness	p	c	c	bbc	59	45	•	1	-	0900	-	•
Jersey	opco	oco	o	o	60	52	•	0.4	-	0900	-	1.5
Guernsey ...	c	co	c	c	56	50	•	-	0.1	-	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	6th 0300	BRIGHTON	WSW	5	cor	53	58
2	" 1000	SCOTIA	W	4	cv	55	55
1	" 1300	IBEX	NW	4	co	56	58
3	7th 0300	DIEPPE	NW	3	bbc	56	59

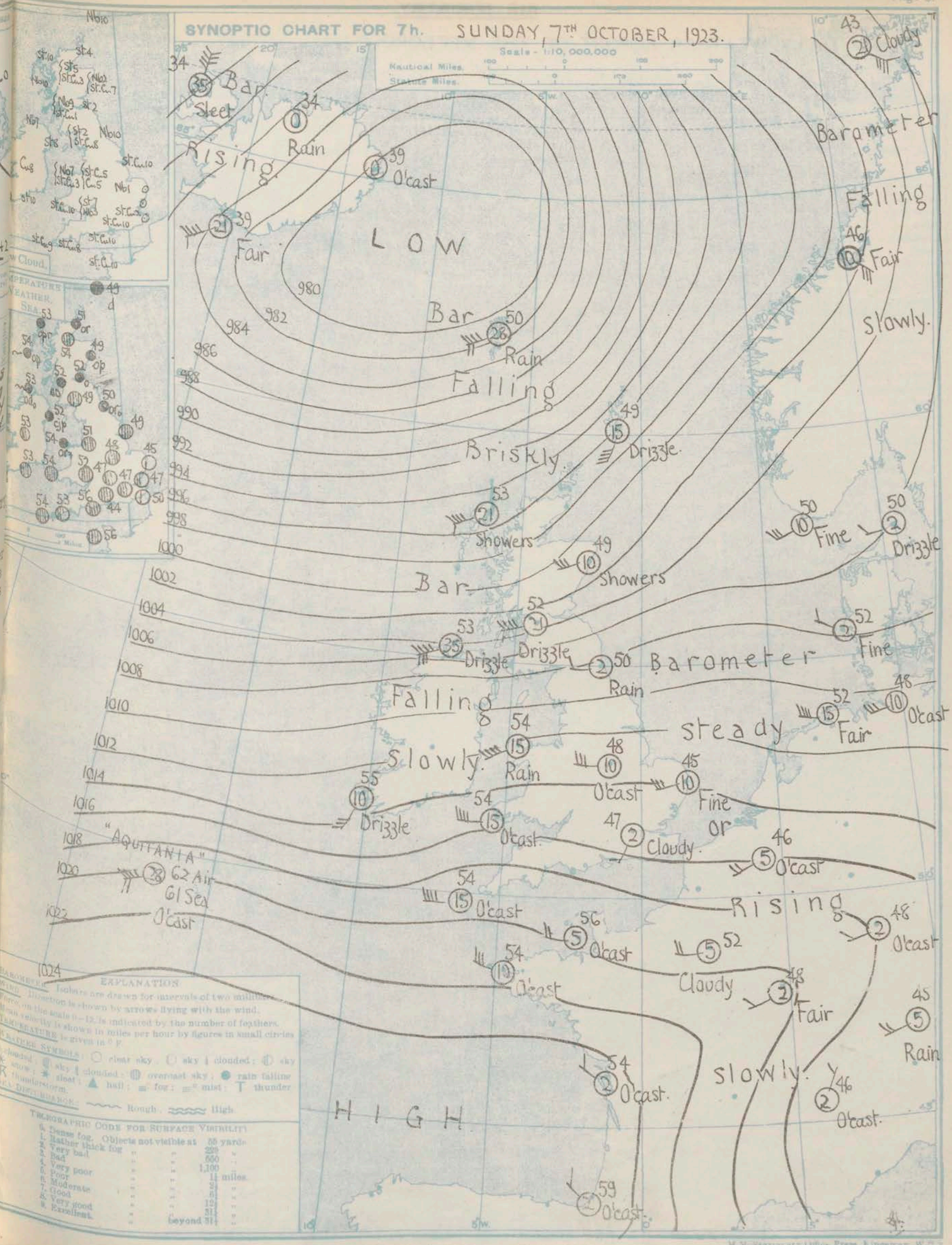
GENERAL INFERENCE.

A depression is centred East of Iceland whilst a secondary is approaching Scotland, the anticyclone off our S.W. Coasts continuing almost stationary. Over the Northern Districts changeable weather with some rain or showers is indicated and in the South variable skies with a risk of showers later. The main wind current will be from between S.W. and W. strong at times in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 7th October, 1923.	Further Outlook.
1. S.E. England 2. E. England	Wind W to SW light to moderate varying fair to cloudy, a risk of showers later; visibility moderate to good; rather mild.	
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S.W. to W moderate or fresh, cloudy, some showers: visibility moderate to good; rather mild to moderate temperature.	Unsettled. ----
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	Winds S.W. to W moderate or fresh, strong at times locally, dull, some rain or drizzle, cloudy, showers later; visibility moderate to good; rather mild to moderate temperature.	South Cone still flying.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Winds S.W. to W strong to high, squally, dull, some rain or drizzle then improving; visibility moderate to good rather mild to moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to W moderate to fresh, dull, some rain or drizzle then improving; visibility moderate to good; rather mild to moderate temperature.	

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.



EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: ○ clear sky, ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡ mist; T thunder; R thunderstorm.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY

0. Dense fog.	Objects not visible at	55 yards
1. 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 "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SUNDAY 4th OCTOBER 1923. No. 280

Stations.	Height above M.S.L. in feet.	Observations at 0100 G.M.T. 4th: 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	1000.1	0	W	1	bjp	46	92	6	4000	Cu Nb	2	A St	3
Stornoway	51	1000.2	-3	W	4	r	*	*	4	*	*	*	*	*
Wick	81	1001.1	0	SW	3	0	46	92	8	800	St	2	A St	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	1006.5	-1	WSW	4	ocr	53	94	4	4000	Nb	6	A St	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1005.4	-1	WSW	4	bc-	50	85	8	*	St Cu	3	Ci St	5
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1009.5	+2	W	1	b	49	85	4	-	-	0	-	0
Blacksod Point ...	10	1011.4	-1	W	5	o	54	85	6	-	*	-	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1013.1	+1	W'S	4	b	53	85	8	1500	St Cu	3	-	3
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1011.2	+1	WSW	4	c+	49	94	5	1600	St	8	-	8
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1013.4	+2	WSW	3	b	45	94	4	-	-	0	-	0
Gorleston	13	1013.3	+1	W'S	2	b	45	94	4	-	-	0	-	0
Valencia (Cahirciveen)	30	1015.2	-1	W	3	0+	54	92	8	*	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1016.4	+2	W	4	c	54	85	8	4000	St Cu	4	-	4
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	51	*	*	*	*	*	*	*
Croydon	244	1015.8	+1	WSW	3	b	49	92	8	-	-	0	-	0
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1015.6	+4	WNW	3	bc	43	95	6	~~4000~~ 2000	St	5	-	5
Scilly (St. Mary's) ...	131	1019.9	0	W'N	4	c	54	94	4	4000	St Cu	8	-	8
Falmouth (Pendennis)	200	1018.5	0	W	4	0+	53	85	8	4000	St Cu	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1017.5	+2	WNW	4	c	55	95	8	4000	St Cu	8	-	8
Southampton (Calshot)	12	1016.9	+1	SW'W	3	c+	51	85	4	4000	St Cu	3	A St	4
Dungeness	21	1016.5	+2	N	3	b-	45	94	8	-	-	0	A Cu	2
Jersey	25	*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—	1019.1	+1	NW	2	0	55	85	5	*	St Cu	9	-	9

Stations.	Observations at 0700 G.M.T. 4th: 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 0-8
Lerwick	994.1	-4	SSW	4	od	49	94	5	4000	Nb	10	-	10	3
Stornoway	994.3	-6	SW	5	opr	53	92	6	450	St	10	-	10	4
Wick	995.1	-8	SSW	4	or	51	94	8	800	St	4	A St	10	3
Castlebay	993.1	-3	WSW	5	opr	54	94	6	800	Nb	10	-	10	6
Nairn	995.9	*	SW	2	c	54	85	8	1500	St	8	-	8	*
Aberdeen	1000.6	-5	SW	3	opr	49	92	8	1500	St Cu	9	-	9	0
Malin Head	1003.2	-3	SW'W	4	od	53	94	4	4000	Nb	4	A St	10	4
Renfrew	1003.8	-3	WSW	5	al-	52	94	6	800	Nb	10	-	10	3
Edinburgh (Inchkeith)	1002.4	-3	SW	5	ojp	52	85	8	*	St	2	A St	9	3
Leuchars	1002.2	-3	SSW	5	o	52	85	4	2500	St Cu	10	-	10	*
Eskdalemuir	1004.0	-1	SW	6	ofr	49	92	4	1500	St Cu	10	-	10	*
Tynemouth	1008.2	-1	W	1	or	50	92	5	1500	Nb	10	-	10	0
Blacksod Point ...	1006.8	-2	N'W	5	mo	55	97	6	-	*	10	*	10	4
Donaghadee	1008.5	-2	WSW	3	ojp	52	85	8	800	St	8	-	8	3
Birr Castle	1011.6	*	SW	2	c-	53	85	6	2500	Cu	8	-	8	*
Holyhead	1012.4	-1	SW'W	4	or+	54	92	8	1500	Nb	10	-	10	3
Liverpool (Bidston) ...	1011.4	0	SW	3	o	51	85	4	2500	Cu	10	-	10	4
Chester (Shotwick) ...	1012.5	-1	WSW	3	o+	52	85	8	2500	St	10	-	10	*
Spurn Head	1011.8	+1	WSW	4	o	49	92	4	4000	St Cu	10	-	10	2
Birmingham (Edgbaston)	1014.4	0	SSW	4	c+	49	92	4	2500	Nb	8	-	8	*
Nottingham	1013.4	0	W	3	o+	48	92	4	4000	Nb	1	Ci St	10	*
Cranwell	1013.8	0	SW'W	3	c	49	94	6	4000	St Cu	2	Ci	8	*
Gorleston	1013.4	0	W'S	3	b	45	92	4	-	-	0	Ci Cu	1	0
Valencia (Cahirciveen)	1013.8	-3	SSW	3	odd	55	94	6	225	St	10	-	10	4
Roches Point	1014.5	-1	SW	1	o	53	94	6	800	St	10	-	10	0
Pembroke (St. Ann's H.)	1015.4	-1	W	4	o	54	92	8	4000	St Cu	10	-	10	4
Ross-on-Wye	1015.1	0	SW	3	o	52	85	8	2500	St	10	-	10	*
Leafield	1015.4	0	W'S	2	c+	45	94	6	*	-	0	A St	4	*
Andover	1016.6	0	-	0	b-	42	94	4	1500	St	8	Ci	9	*
S. Farnborough ...	1016.6	0	WSW	4	o	44	94	4	5400	St Cu	10	-	10	*
London (Kew Obsy.) ...	1016.8	+1	SSW	2	c	44	92	4	2500	St Cu	2	A Cu	4	*
Croydon	1016.3	+1	WSW	3	c+	49	92	4	5400	St Cu	4	A Cu	4	*
Clacton-on-Sea ...	1015.0	+1	W	3	bc	44	92	6	-	-	0	A Cu	4	0
Shoeburyness	1015.6	+1	WSW	3	b	48	85	6	-	-	0	Ci	3	*
Grain	1016.0	0	SW	4	b	44	94	6	-	-	0	Ci	2	0
Lympne	1016.5	+2	WNW	3	o	42	94	5	-	-	0	Ci	2	*
Scilly (St. Mary's) ...	1019.5	0	W	4	o	54	92	9	4000	St Cu	9	-	9	5
Falmouth (Pendennis)	1018.5	0	W	3	c+	53	92	8	4000	St Cu	8	-	8	0
Plymouth (Cattewater)	1018.0	0	W	4	o	54	85	4	1500	St Cu	10	-	10	1
Portland Bill	1017.0	0	WNW	4	o+	56	95	8	4000	St Cu	10	-	10	0
Southampton (Calshot)	1017.4	0	SW	3	o	51	92	4	4000	St Cu	4	A St	10	0
Dungeness	1016.8	+1	W	2	o	50	94	8	-	-	0	Ci	3	2
Jersey	1019.2	0	WNW	2	o	56	85	8	4000	St Cu	10	-	10	2
Guernsey	1019.4	+2	W	3	o-	54	94	8	4200	St Cu	10	-	10	2

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 5th-6th	Temperature. Max. Day 6th	Rainfall.† Night 17h.-9h. 5th-6th	Rainfall.† Day 9h.-17h. 6th	Sunshine. Sunrise to 17h. 6th	Sunshine. Sunrise to Sunset 6th
			°F.	°F.	mm.	mm.	hr.	hr.
Montrose	ozebc	bc	43	54	-	-	5.4	0.0
Berwick-on-Tweed	ogebc	bebcr	45	55	-	-	5.3	0.9
Llandudno	pcp	pebc	49	56	0.4	1.3	3.1	0.4
Colwyn Bay ...	c	c	48	56	-	-	4.4	0.3
Rhyl	c	bcp	45	54	2	2	3.5	0.0
Southport	pobc	bcpo	49	56	4	2	3.8	0.0
Blackpool	racp	cp	51	54	0.4	0.6	3.1	0.0
Ilkley	od, op	crbcb	41	54	0.8	5.3	2.3	0.1
Harrogate	pbc	b	44	52	0.2	4	3.4	0.3
Skegness	op	opcb	45	54	0.4	0.2	1.8	2.6
Aberystwyth ...	roc	b	49	56	3	-	2.4	0.3
Bath	ocbc	bcbcb	50	58	1	0.3	2.6	0.4
Leamington Spa ...	cp	cp	45	54	1	0.3	3.3	0.0
Lowestoft	o	o	46	56	0.3	-	0.9	2.8
Felixstowe	om	cbc	48	52	0.6	-	1.1	5.4
Southend	ooc	oco	46	60	2	-	1.8	4.0

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 5th-6th	Temperature. Max. Day 6th	Rainfall.† Night 17h.-9h. 5th-6th	Rainfall.† Day 9h.-17h. 6th	Sunshine. Sunrise to 17h. 6th	Sunshine. Sunrise to Sunset 6th
			°F.	°F.	mm.	mm.	hr.	hr.
Ilfracombe	oco	od	51	56	0.1	0.6	0.7	2.6
Bude	o	o	51	54	0.4	-	1.1	2.0
Paignton	co	beco	49	60	1	-	2.1	3.4
Torquay	c	c	46	59	0.2	-	2.2	3.4
Weymouth	c	co	51	58	2	-	2.0	1.1
Bournemouth ...	c	co	50	58	2	-	1.5	0.3
Portsmouth (S'thsea)	cpc	bcc	50	58	4	-	2.9	0.6
Littlehampton ...	bcp	bc	50	59	3	-	5.5	3.3
Worthing	cbc	bco	49	58	5	-	3.1	1.8
Brighton	c	bc	50	60	5	-	3.5	1.4
Eastbourne	roc	bcebc	48	61	0.5	4	2.8	2.8
Hastings	opco	ocbcb	44	59	0.2	1	1.9	2.2
Folkestone	r	o	42	56	0.8	0.8	2.4	3.4
Dover	oRoc	cbcc	48	58	1	6	2.6	6.2
Tunbridge Wells ...	obco	bcebc	45	59	2	-	2.6	3.4
Ramsgate	oro	orbco	46	*	1	3	1.2	5.4
Margate	or	ocbc	46	54	1	2	1.1	4.0
Deal	od	dco	46	53	-	3	1.3	5.5

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22600 MONDAY, 8TH OCTOBER, 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	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	991·8	-3	SW	4	o/r	53	85	6	4000	Nb	5	a.Cu	9	•
Stornoway	993·3	+1	W	6	oPR	53	85	6	450	CuNb	9	-	9	•
Wick	992·7	-2	W	3	cpG	56	75	8	2500	CuNb	7	-	7	•
Castlebay	998·3	0	WSW	5	opG	54	92	6	800	St	10	-	10	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	997·1	-3	SW	4	cr₀	55	85	8	1500	StCu	7	-	7	1
Malin Head	1002·6 (corrected in red from 997·6)	0	WSW	6	o	55	92	7	2500	St	7	a.St	9	•
Renfrew	1002·2	-1	WSW	4	o/r	56	85	7	1500	StCu	10	-	10	2
Edinburgh (Inchkeith)	999·3	-3	SW	6	b	55	85	7	-	St	9	-	9	•
Leuchars	999·2	-3	SW	6	opG	56	85	8	1500	Nb	10	-	10	5
Eskdalemuir	1003·6	-3	SW'W	7	ojp	51	92	6	800	St	10	-	10	2
Tynemouth	1005·2	-3	W	4	o	57	75	6	1500	Nb	10	-	10	•
Blacksod Point	1007·2	0	W	4	o-	55	97	7	-	*	*	*	10	•
Donaghadee	1007·6	0	WSW	1	c	56	65	8	800	St	7	-	7	•
Birr Castle	1008·9	*	W	3	o+	59	85	7	1500	Nb	10	-	10	•
Holyhead	1010·3	-3	SW	5	o	56	97	8	4000	StCu	10	-	10	1
Liverpool (Bidston)	1009·7	-2	SW	4	bc	58	65	7	[1000?]	-	0	a.St	6	•
Chester (Shotwick)	1010·6	-3	SW	5	c-	59	65	8	2500	St	2	a.Cu	8	1
Spurn Head	1010·6	-1	SW	4	or-	54	92	6	1500	St	10	-	10	•
Birmingham (Edgbaston)	1012·6	-2	SW	4	o+	56	75	7	2500	Nb	9	-	9	1
Nottingham	1011·2	-2	WSW	4	o	56	75	7	2500	StCu	10	-	10	•
Cranwell	1012·8	-1	SW	3	o/r	54	97	6	1500	StCu	8	Ci.St	10	2
Gorleston	1013·6	-4	WSW	3	o+	56	75	6	4000	Cu	4	a.St	10	•
Valencia (Cahirciveen)	1012·3	-1	WSW	3	odd	57	97	6	<150	St	10	-	10	1
Roches Point	1011·7	-2	SW	3	o	57	97	8	2500	St	10	-	10	•
Pembroke (St. Ann's H.)	1014·6	-3	WSW	5	orG₀	54	97	7	2500	Nb	10	-	10	•
Ross-on-Wye	1013·9	-2	SW'W	3	o+	56	75	8	4000	Cu	7	Ci.Cu	9	0
Leafield														
Andover	1015·5	-1	SW'W	4	o	57	75	8	2500	StCu	10	-	10	0
S. Farnborough	1015·6	-2	SW'W	4	o	58	85	8	2500	StCu	10	-	10	0
London (Kew Obsy.)	1015·5	-2	SW	3	o	58	75	8	2500	StCu	8	a.St	10	1
Croydon	1015·4	-2	WSW	4	o	57	75	7	2500	StCu	5	a.St	10	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Shoeburyness	1014·9	-2	WSW	4	o	58	65	7	4000	StCu	8	a.St	10	•
Grain	1015·5	-2	SW'W	4	o+	60	65	8	4000	StCu	7	a.Cu	9	0
Lympne	1015·5	-3	WSW	4	c	59	75	8	4000	StCu	6	a.Cu	8	5
Scilly (St. Mary's)	1018·0	-2	SW'W	4	od	57	92	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1018·0	-1	W	6	o	57	85	8	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1017·3	-2	W	5	o	56	85	7	2500	StCu	10	-	10	•
Portland Bill	1016·8	-2	W	4	c	57	75	8	-	-	0	a.St	8	•
Southampton (Calshot)	1016·5	-2	SW	4	c-	58	65	8	4000	StCu	7	-	7	0
Dungeness	1016·7	0	W	3	c+	59	85	8	-	-	0	Ci.Cu	7	•
Jersey	1019·2	0	W	5	o/r	58	75	8	4000	StCu	10	-	10	•
Guernsey	1019·5	-1	W	5	c+	55	92	8	2500	Cu	7	-	7	*

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	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	991·7	0	W	2	cr₀	48	97	7	4000	Nb	5	a.St	8	1
Stornoway	992·8	-1	W	6	oPR	50	92	6	450	St	10	-	10	5
Wick	993·4	+1	WSW	2	bc	49	92	8	4000	StCu	4	Ci.St	6	0
Castlebay	997·7	-1	W	5	c-	52	97	7	1500	Nb	7	-	7	6
Nairn	995·3	*	-	0	c	52	75	8	1500	St	7	-	7	•
Aberdeen	997·1	0	SW	3	o	54	75	7	2500	StCu	9	-	9	0
Malin Head	1001·8	-1	WSW	6	o	54	92	7	2500	St	7	a.St	9	6
Renfrew	1001·4	-1	WSW	5	bc-	53	75	6	4000	StCu	5	-	5	•
Edinburgh (Inchkeith)	999·4	+1	SW	6	o	54	75	7	-	St	6	Ci.St	10	4
Leuchars	998·5	0	W	6	c	53	65	8	4000	StCu	7	-	7	•
Eskdalemuir	1003·1	-1	WSW	6	c	52	85	6	2500	StCu	6	a.St	8	•
Tynemouth	1004·4	-1	W	1	o	55	86	6	1500	Nb	10	-	10	0
Blacksod Point	1007·3	+2	W	4	o	54	92	7	-	-	0	-	10	4
Donaghadee	1005·7	0	W	1	o	57	85	8	800	St	9	-	9	3
Birr Castle	1008·3	*	S	1	oR₀	54	92	6	1500	Nb	10	-	10	•
Holyhead	1008·2	-2	SW'W	4	orm	56	97	7	<150	St	10	-	10	3
Liverpool (Bidston)	1007·8	-1	SW'W	3	o+	57	85	7	2500 (red correction)	St	10	-	10	4
Chester (Shotwick)	1008·3	-2	NNE	3	o	58	85	8	1500	St	10	-	10	•
Spurn Head	1008·0	-2	SSW	4	o	55	85	7	1500	St	10	-	10	2
Birmingham (Edgbaston)	1010·2	-3	S	4	o	54	85	7	2500	Cu	6	a.St	10	•
Nottingham	1009·3	-2	WSW	3	o	56	85	6	4000	Nb	10	-	10	•
Cranwell	1009·7	-1	SW	4	o	54	97	7	2500	StCu	9	a.St	10	•
Gorleston	1012·4	-1	SW'W	3	o+	54	86	6	4000	Nb	10	-	10	0
Valencia (Cahirciveen)	1011·3	-1	WSW	3	or-	54	97	7	450	St	10	-	10	3
Roches Point	1010·5	-1	WNW	1	oroG	56	97	8	4000	Nb	10	-	10	0
Pembroke (St. Ann's H.)	1011·5	-3	SW	5	oRR	56	97	7	1500	Nb	10	-	10	6
Ross-on-Wye	1011·1	-3	SSW	4	or₀	55	92	7	2500	Nb	10	-	10	•
Leafield	1012·3	-4	WSW	4	od₀+	52	97	5	450	St	10	-	10	•
Andover	1014·2	-2	SW'S	3	or-	53	97	7	800	Nb	10	-	10	•
S. Farnborough	1013·9	-2	WSW	4	o/r	54	92	7	2500	StCu	10	-	10	•
London (Kew Obsy.)	1013·6	-3	SSW	2	o	56	75	6	2500	St	6	a.St	10	•
Croydon	1014·1	-2	SW	3	o	55	85	6	2500	StCu	6	a.St	10	•
Clacton-on-Sea	1012·8	-2	SW	3	o	55	85	6	5700	StCu	5	a.Cu	10	0
Shoeburyness	1013·5	-2	WSW	3	o	55	75	7	4000	StCu	8	a.St	10	•
Grain	1013·8	-1	SSW	4	o	55	75	7	2500	StCu	7	a.St	9	0
Lympne	1014·4	-2	W'S	4	c	52	85	7	2500	StCu	4	a.St	7	•
Scilly (St. Mary's)	1015·4	-2	WSW	5	oD	57	97	2	450	St	10	-	10	5
Falmouth (Pendennis)	1014·4	-4	W	5	od₀+	56	97	6	4000	St	10	-	10	0
Plymouth (Cattewater)	1014·6	-4	WSW	4	odd	56	97	5	<150	Nb	10	-	10	0
Portland Bill	1014·5	-4	WSW	5	o+	56	92	7	800	St	10	-	10	4
Southampton (Calshot)	1014·9	-2	SW	5	or₀	56	85	7	1500	Nb	7	a.St	10	3
Dungeness	1014·9	-2	W	4	bc-	56	85	8	-	-	0	a.Cu	6	4
Jersey	1018·5	-1	WSW	5	o	58	85	5	4000	StCu	10	-	10	3
Guernsey	1019·1	-2	W'S	5	or₀	56	92	8	2500	StCu	10	-	10	2

LONDON OBSERVATIONS.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
		24 Hours ended 0800 G.M.T. 8th								Yesterday.		To-day.
Kew (24 hours ended 0700)	18	owmcm	omcmo	omRbm	*	*	41	-	9	1·3	*	*
Croydon (24 hours ended 0700)	244	cmwo	om	oRrcb	*	*	48	-	10	7·5	*	*
Greenwich (Royal Obsy.)	148	o	o	o+cb	62	51	47	-	7	3·2	74	86
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1·5	*	*
Westminster (St. James' Pk.)	27	*	*	*	60	50	43	*	*	1·6	72	80
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*		*	*
Camden Square	110	oc	co	*	60	50	42	-	8	*	*	92
Kensington Palace	80	c	o	*	60	51 (red correction)	42	-	7	*	(At 18h)	87
Hampstead Observatory	450	*	*	*	58	47	42	0·3	8	-	75	88

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 7th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 7th 18 h. 30 m. to 8th 05 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10·45	01 32	14
δ Ursae Minoris	10·45	01 25	12

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, mainly a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
18h.	C, C₁	6	-	115°
18h.	C, C₁	6	-	140
6h.	C	5	-	70
07h.	C	6	-	90

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

8 & 9 October. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·8 6·9	11·41 11·40	5·14 5·11
Greenwich	6·14 6·15	11·48 11·47	5·22 5·19
Wick	6·35 6·37	12·0 11·59	5·25 5·22
Valencia	6·55 6·56	12·29 12·28	6·3 6·0

BEAUFORT NOTATION OF WEATHER.

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

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

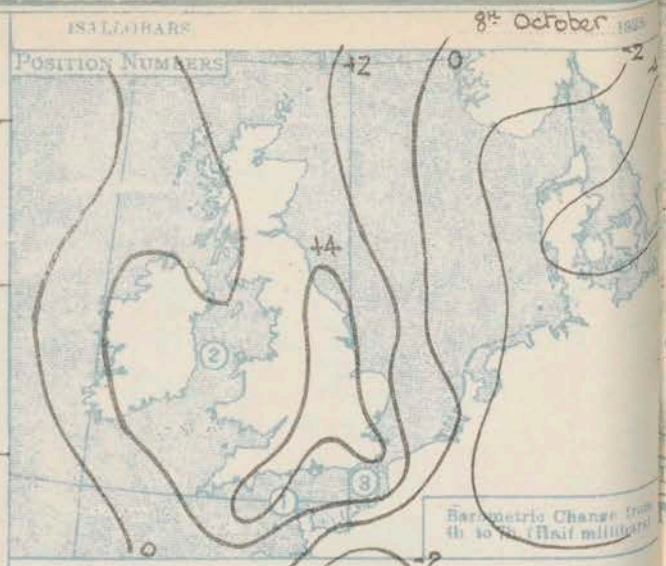
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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 1.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 7½	WEATHER. 18h.-18h. 7½	WEATHER. 18h. 7½ to 1h. 8	WEATHER. 1h.-7h. 8	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. 7½ Hours.
Lerwick	ormr	ormr	bc	cpr	54	44	•	4	0.4	<0800	<2100	1.5
Stornoway	p	p	p	c	54	44	•	4	7	<0800	–	1.2
Wick	o.cp	cpq/	orr bc	bcpq	57	42	•	1	4	<0800	2200	•
Castlebay	op.	op.c	cocbc	bcobc	54	46	•	2	1	–	–	1.0
Nairn	cirqg	c'g	oprgc	cbc	58	43	•	1	0.4	0900	<2100	2.3
Aberdeen	o.cir₀	cpr₀o	ocpro	oc	58	41	33	0.3	0.5	1100	2200	2.3
Malin Head	od₀m	oem	cobc	bcv	56	48	•	1	–	<0800	–	0.0
Renfrew	oDr₀	opbc	bcqb	bor₀	57	45	41	0.5	0.1	<0800	0830	0.9
Edinburgh (Inchkeith)	oo	p	pq/	pbc	57	46	44	0.2	0.1	1330	2200	1.8
Leuchars	oo	opfcq/	cy/bb	boc	57	39	28	0.1	–	1230	–	1.5
Eskdalemuir	odmir₀	oir₀.c	copocbc	r	54	40	36	2	Trace	<0800	<2100	0.0
Tynemouth	mq/	oom	cm	cm	57	40	41	Trace	–	<0800	–	•
Blacksod Point	rord.	oo	b-bc	c	55	45	•	–	0.1	–	–	•
Donaghadee	oo	oo	obc	o	60	47	•	–	–	–	–	•
Birr Castle	co	coir₀	coir₀	coz	59	46	36	0.4	Trace	1430	–	0.0
Holyhead	or.oo	o.or	orcbcbb	bbcc	57	52	47	2	0.2	<0800	<2100	0.6
Liverpool (Bidston)	o.c	oo	bcoc	–	58	50	45	1	–	<0800	–	2.0
Chester (Shotwick)	orr₀o	c.oo	orrcbc	cbc	60	49	44	1	0.1	0900	<2100	1.5
Spurn Head	orr	oo	orcb	bbcoc	55	50	•	3	1	<0800	<2100	0.2
Birmingham (Edgbaston)	c.or	c.o	orr	obcb	58	48	42	1	5	0900	<2100	0.7
Nottingham	or₀	oo	or₀	o	58	51	46	0.4	0.2	1100	2200	0.0
Cranwell	c.oirm	o.cmo	r	c	57	46	41	1	1	0900	<2100	0.3
Gorleston	c	opr₀.c	orr	omc	57	45	44	0.2	3	1430	2200	0.0
Valencia (Cahirciveen)	om.edm	or	c	om	57	52	45	5	0.5	<0800	<2100	0.0
Roches Point	oe.	or.r₀	rob	bo	59	51	•	4	0.4	1530	–	•
Pembroke (St. Ann's H.)	c.oqp	orr	b-bc	c	56	53	•	3	4	1230	<2100	0.0
Ross-on-Wye	c.o.c.	oo	gr₀o	ocbbco	57	51	40	0.3	2	1730	<2100	0.3
Lossiemouth		p	r	r	56	45	36	0.1	3	1100	<2100	0.5
Andover	o.c.o	oor.	orro	cbcbbc	58	48	43	Trace	8	1730	<2100	0.1
S. Farnborough	oo	opr	o	orbm	58	50	41	Trace	10	1330	<2100	0.5
London (Kew Obsy.)	orbmcm	omcm	omcrr	orbm	59	51	41	–	9	–	<2100	1.3
Croydon	cmro.	om	orr₀	or₀bm	59	52	48	–	10	–	<2100	2.5
Cleeton-on-Sea	bc.om	om.oq	ogr	ogrcbc	60	52	49	–	8	–	2200	4.1
Shoeburyness	r bc.co	oo	orrc	bcb	60	51	45	–	7	–	<2100	3.2
Grain	bcmco	opo c.o	oorr	oob	62	49	43	–	6	1430	2200	2.7
Lympne	o.c.	o.c.o	or	om	59	51	47	–	14	–	2100	4.3
Scilly (St. Mary's)	c.omd₀	ifid.	omrq	orq/	58	53	•	0.5	6	1100	<2100	0.3
Falmouth (Pendennis)	bo.c	c.omd	omd	omd	58	53	•	0.2	5	1330	2100	0.3
Plymouth (Cattewater)	oo	oddm	odrm	o	57	55	45	1	6	1430	<2100	0.3
Portland Bill	c	c	r	b-bc	58	56	•	–	6	–	<2100	•
Southampton (Calshot)	oo	oo	orm qq	c	59	51	47	Trace	7	1730	<2100	0.7
Dungeness	c	c	oq/r	rr	60	53	•	–	9	–	<2100	•
Jersey	opco	ooo	o	orco	60	53	•	Trace	16	0900	0230	1.3
Guernsey	cir₀mdd₀	cd₀o	oirir	ro	57	52	•	1	11	0900	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	7th 1000	Scotia	S'W	4	0	55	55	8
3	8th 0200	Brighton	W	5	r	60	58	6

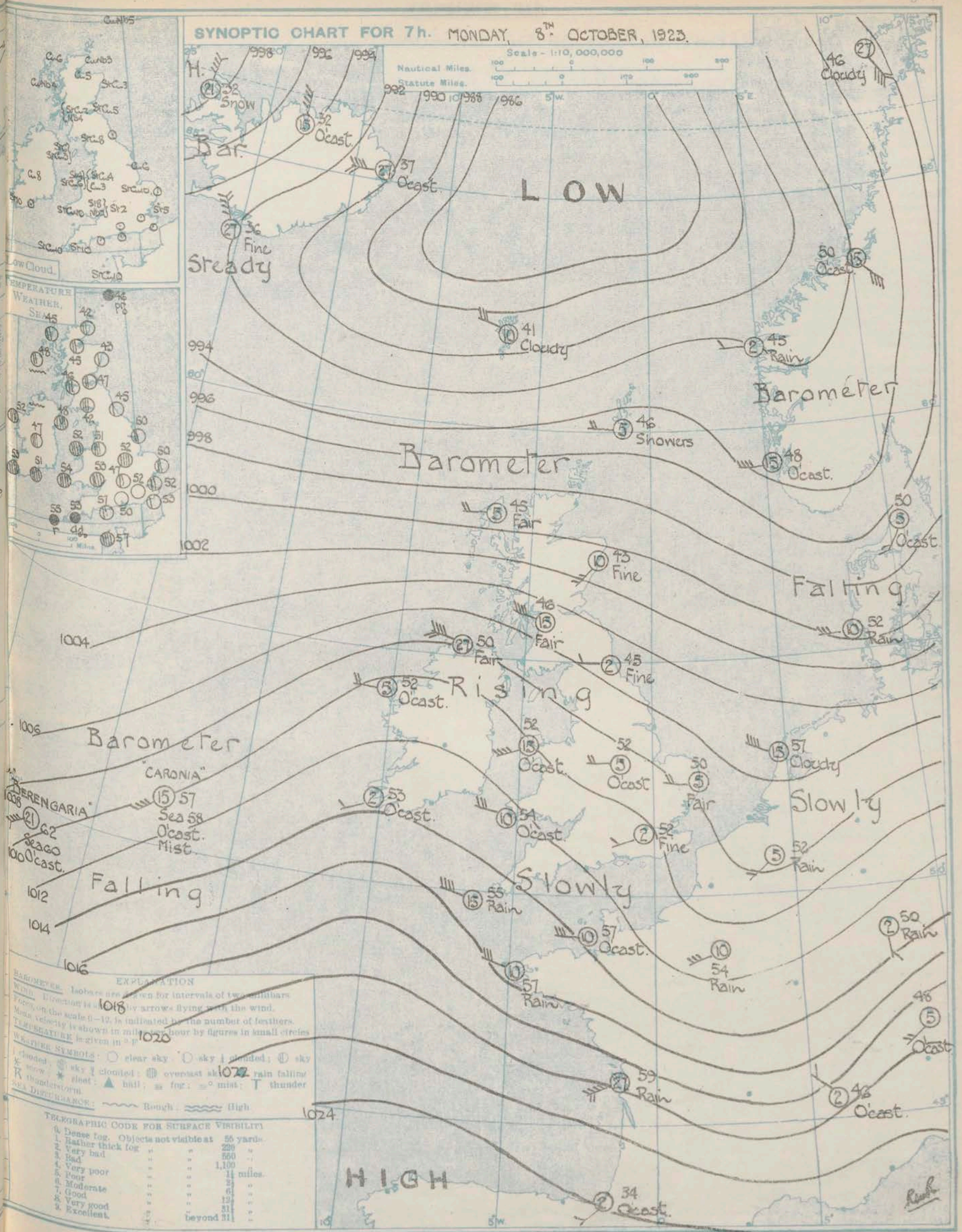
GENERAL INFERENCE.

There are indications of the development of a depression to the west of Ireland. Mainly fair weather today with westerly winds will be followed by dull to rainy weather with freshening south-westerly winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 8th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate W. wind, backing to S.W. and freshening later; fair at first, much cloud with some rain later; visibility moderate to good; rather mild.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind S.W., moderate at first, freshening later; fair at first, much cloud with some rain later; visibility moderate to good; rather mild.	---------
8. N.W. England 9. N. Midlands 10. N.E. England	As 1 - 3.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind W. backing to SW., moderate to fresh, becoming stronger later; mainly fair at first, with occasional local showers, becoming dull to rainy later; visibility moderate to good; rather mild.	South Cone still flying!
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Freshening S.W. wind; much cloud, some rain; visibility poor at times; rather mild.	

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. Monday, 8th October 1923. No. 281

Observations at 0700 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	997·4	+1	W	2	bc/pr	46	92	7	4000	CuNb	4	-	4
Stornoway	51	997·6	+3	W	4	PR	•	•	5	•	•	•	•	•
Wick	81	995·1	+3	WNW	2	b/r	43	92	8	7500	CuNb	3	-	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1004·8	+2	W	6	b	50	85	8	5700	St-Cu	3	-	3
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1000·3	+4	W	5	b/r	49	92	4	-	-	0	A.Cu	1
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1003·8	+1	W	2	0	51	75	6	800	Nb	9	-	9
Blacksod Point ...	10	1009·6	0	W	4	b-	51	86	7	x	x	x	x	4
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1007·7	+1	W'N	6	b-	53	85	8	-	-	0	-	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1005·8	-1	WSW	3	b	53	97	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•		•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1007·1	-2	WSW	3	bc/r	53	97	5	2500	Nb	5	-	5
Gorleston	13	1008·7	-3	SW	2	o/r	52	97	7	2500	Nb	10	-	10
Valencia (Cahirciveen)	30	1013·5	+1	S	2	0	54	97	8	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1010·2	0	W	3	b	54	97	8	-	-	0	-	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	56	•	•	•	•	•	•	•
Croydon	244	1009·0	-5	WSW	3	o/r	56	97	6	1500	Nb	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1009·5	-5 -7	WSW	4	o/r	54	97	4 5	450	Nb	10	-	10
Scilly (St. Mary's) ...	131	1013·4	0	WNW	5	o/r	56	97	7	4000	St-Cu	10	-	10
Falmouth (Pendennis)	200	1011·8	-3	W	5	odd	58	97	6	4000	St	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1009·4	-4	WSW	6	o/r	58	92	6	2500	Nb	10	-	10
Southampton (Ca. shot)	12	1009·5	-1	SW'W	3	o/r	57	97	7	1500	Nb	10	-	10
Dungeness	21	1008·0	-6	SW	5	o/R	56	97	6	800	St	10	-	10
Jersey	26	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1012·9	+4	W	6	o/r	57	97	8	800	Nb	10	-	10

Observations at 1700 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	Sun.
Lerwick	994·7	+2	W	2	bc/pr	46	92	8	4000	CuNb	5	-	8	1
Stornoway	994·8	+2	W	2	bc	45	92	7	4000	Cu	6	-	6	1
Wick	997·8	+3	WSW	3	bc	42	92	8	2500	CuNb	3	A.Cu	4	0
Castlebay	1004·6	+2	WNW	5	bc	48	92	8	2500	CuNb	4	A.St	6	6
Nairn	1000·9	•	W	2	bc-	46	85	8	7200	Cu	5	-	5	0
Aberdeen	1001·5	+3	SW	3	b-	43	85	8	2500	St-Cu	3	-	3	0
Malin Head	1006·3	+2	WNW	6	bc	50	85	8	5700	Cu	3	Ci-Cu	5	6
Renfrew	1004·9	+2	WNW	4	bc/r	46	85	8	1500	Nb	6	-	6	0
Edinburgh (Inchkeith)	1003·3	+4	WSW	4	bc/r	47	75	8	-	St-Cu	5	-	5	2
Leuchars	1002·7	+4	WSW	3	c-	44	85	8	4000	St-Cu	7	-	7	0
Eskdalemuir	1006·3	+3	S	3	c	42	85	8	2500	St-Cu	8	-	8	0
Tynemouth	1005·9	+4	W	1	b-	45	85	6	-	-	0	A.Cu	2	1
Blacksod Point ...	1010·5	+2	W	2	o	52	88	7	x	x	x	x	9	3
Donaghadee	1008·5	+1	W	2	o-	46	85	8	800	St	9	-	9	2
Birr Castle	1011·5	•	SW	1	c-	47	97	5	2500	Cu	8	-	8	0
Holyhead	1010·4	+3	W'S	4	o	52	85	8	1500	St-Cu	10	-	10	4
Liverpool (Bidston) ...	1009·0	+2	W	5	c+	51	85	6	2500	St-Cu	7	-	7	6
Chester (Shotwick) ...	1007·8	+3	W	4	bc-	50	85	7	1500	St	5	-	5	0
Spurn Head	1006·8	+3	WNW	5	bc-	50	92	6	4000	Cu	6	-	6	3
Birmingham (Edgbaston)	1010·7	+3	W	4	b	50	85	6	4000	St-Cu	3	-	3	0
Nottingham	1009·1	+4	W	2	o	52	75	5	2500	St-Cu	10	-	10	0
Cranwell	1008·7	+4	WNW	4	bc+	48	85	7	4000	St-Cu	6	-	6	0
Gorleston	1007·9	0	W	2	bc-	50	92	6	-	-	0	A.St	6	0
Valencia (Cahirciveen)	1013·9	+1	WSW	1	o	53	85	6	4000	St	10	-	10	4
Roches Point	1013·9	+2	WSW	1	o	51	97	7	-	-	0	A.St	10	0
Pembroke (St. Ann's H.)	1012·6	+2	WNW	3	o+	54	97	8	4000	St-Cu	10	-	10	4
Ross-on-Wye	1011·1	+2	SSW	3	o	53	85	7	2500	St	10	-	10	0
Leafield	1011·7	+4	WNW	2	bd+	47	97	6	-	St	2	A.Cu	5	0
Andover	1011·9	+4	W	2	o+	48	97	6	450	St	10	-	10	0
S. Farnborough ...	1010·8	+3	-	0	mmb	50	97	6	-	-	0	-	0	0
London (Kew Obsy.) ...	1010·6	+4	WSW	1	b	52	92	6	-	-	0	-	0	0
Croydon	1010·3	+4	W	2	b-	52	97	6	800	St	2	-	2	0
Clacton-on-Sea ...	1008·4	+3	W	2	bc/r	52	97	6	1500	St	6	-	5	0
Shoeburyness	1009·1	+3	NW	1	b-	53	85	7	-	-	0	-	0	0
Grain	1009·7	+3	W'N	4	b-	52	97	6	-	-	0	-	0	0
Lympne	1009·7	+3	NNW	3	mb-	52	85	5	1500	St	2	A.Cu	3	0
Scilly (St. Mary's) ...	1015·4	+2	WNW	4	o+	55	97	7	4000	St-Cu	10	-	10	5
Falmouth (Pendennis)	1014·6	+4	WNW	2	odd	53	97	6	4000	St	10	-	10	0
Plymouth (Cattewater)	1014·0	+3	WNW	3	o	56	85	7	2500	St	10	-	10	0
Portland Bill	1012·0	+4	W	3	bc	57	75	7	-	-	0	Ci-Cu	5	4
Southampton (Ca. shot)	1012·2	+3	W	2	b-	51	97	7	-	-	0	Ci	1	0
Dungeness	1009·8	+4	NW	2	b/r	53	97	8	-	-	0	Ci-Cu	3	4
Jersey	1014·3	+1	W	3	o/r	57	85	8	4000	St-Cu	10	-	10	3
Guernsey	1014·7	+2	N'W	3	o/r	56	97	8	4000	St-Cu	10	-	10	1

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	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	c.bcd	o.c	46	59	-	0·2	1·7	5·4
Berwick-on-Tweed	p.R.o.c	bcbc2	47	57	0·2	-	2·3	5·3
Llandudno	c.	c.o	52	59	3	-	1·9	3·1
Colwyn Bay ...	c	c	51	61	3	-	2·7	4·7
Rhyl	r.c.bc	bc.c.	50	60	1	-	1·9	3·5
Southport	r.p.c.	r.c.c.o	51	59	0·3	-	0·9	3·8
Blackpool	r.o	c.o.	52	53	1	-	0·9	3·1
Ilkley	od.op	o	46	56	2	-	0·1	2·3
Harrogate	o.c.bc	bc.c.o	46	59	4	-	1·1	3·7
Skegness	bc.op	p.o	43	58	0·1	0·4	0·4	1·8
Aberystwyth ...	o.c.	c.o.	53	57	-	-	1·0	2·7
Bath	o	or.o	46	57	0·3	1	0·3	2·6
Leamington Spa ...	-	-	43	57	0·3	-	0·6	3·3
Lowestoft	c.o	or.o.o	44	58	0·1	0·2	2·3	0·9
Felixstowe	c	oqr	46	59	1	-	3·7	1·1
Southend	c.o.c	c.o.c	44	66	-	-	2·9	1·8

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	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	o	odr	51	57	0·2	2	0·0	0·7
Bude	o.	r.	54	58	-	2	1·1	1·1
[illegible] ...								
Paignton	oq/c	c.odq	50	60	-	Trace	0·9	2·1
Torquay	c.o.bc	c.od.o	51	59	-	-	0·8	2·1
Weymouth	o.	c.o	53	61	0·2	-	0·6	2·0
Bournemouth ...	o	o	50	59	-	-	0·1	1·5
Portsmouth (S'thsea)	o.c	c.o	50	58	-	-	0·7	2·9
Littlehampton ...	o.c.	o.c	44	59	-	-	1·4	5·1
Worthing	o.bc	c.o	45	61	-	-	1·5	3·1
Brighton	c bc	o	49	60	-	-	2·2	3·5
Eastbourne	o.c.	c.o	48	61	-	-	2·5	2·8
Hastings	oc.o.bc	bc.c.o	46	61	Trace	-	3·4	1·9
Folkestone	b.	bc	45	60	-	-	5·6	2·4
Dover	bc.b.bc	bc.c.o	46	58	-	-	5·4	2·6
Tunbridge Wells ...	o.bc.	o.c	42	59	-	-	2·4	2·6
Ramsgate	b.bc.b	b.bc	43	7	-	-	5·8	1·2
Margate	b.bc	b.bc.o	46	61	-	-	6·0	1·1
Deal	bc	bc.c	46	60	-	-	5·8	1·3

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.2260.1 Tuesday, 9th October 1923. Page 1.

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	997·1	+4	SW	2	cpr₀	49	85	8	4000	CuNb	8	-	8	*
Stornoway	1000·7	+1	W	3	o+	49	75	7	800	St.	10	-	10	*
Wick	1000·0	+2	WNW	4	cpr₀	49	75	8	2500	CuNb	5	CiSt	7	*
Castlebay	1003·1	0	WSW	4	o+	50	92	8	1500	St.	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1003·0	+1	W	3	bc	54	55	8	2500	Cu	5	Ci	6	1
Malin Head	1005·7	-1	WSW	5	ojp	52	85	8	4000	Nb	2	A.St	10	*
Renfrew	1006·4	+2	W	4	o	53	65	8	4000	St.Cu	7	CiSt	9	1
Edinburgh (Inchkeith)	1005·0	+2	W	5	o	51	75	8	*	Cu	7	CiSt	10	*
Leuchars	1004·4	+1	W	4	o+ (corrected in red)	53	65	8	4000	St.Cu	5	A.St	9 (corrected in red)	0
Eskdalemuir	1007·0	+1	W'S	5	o	50	65	8	2500	St.Cu	10	-	10	1
Tynemouth	1006·8	+2	W	2	bc+	55	65	6	4000	Cu	3	A.Cu	5	*
Blacksod Point	1005·5	-4	S	2	mo+	53	85	6	*	*	*	*	10	*
Donaghadee	1009·2	0	WSW	2	c	54	75	8	1500	St	3	CiSt	8	*
Birr Castle	1010·5	*	SSW	2	o+	55	85	7 (8 corrected in red)	2500	Cu	9	-	9	*
Holyhead	1011·1	0	SW'W	4	o+	54	85	8	2500	St.Cu	5	A.St	10	!
Liverpool (Bidston)	1010·5	+1	WSW	5	o	54	75	7	2500	St.	10	-	10	*
Chester (Shotwick)	1010·7	0	NW'W	5	o+	57	65	7	4000	St.Cu	6	A.St	10	5
Spurn Head	1008·3	+1	W	4	bc	54	92	7	4000	St.Cu	6	-	6	*
Birmingham (Edgbaston)	1011·4	+1	WSW	4	c-	56	55	8	4000	Cu	5	A.St	8	1
Nottingham	1010·2	0	W	4	o	56	65	7	2500	Nb	5	A.St	10	*
Cranwell	1010·7	+1	WN (SW struck out, corrected in red)	4	o	53	92	8	2500	St.Cu	9	A.Cu	10	!
Gorleston	1010·3	+1	WNW	3	c+	53	65	7	4000	CuNb	7	-	7	
Valencia (Cahirciveen)	1010·4	-7	S	4	or₀r₀	57	97	6	450	St	10	-	10	2
Roches Point	1012·5	-2	SSW	2	or₀	55	97	6	1500	Nb	10	-	10	*
Pembroke (St. Ann's H.)	1014·4	+1	W	3	bc	56	85	7	5700	St.Cu	6	-	6	
Ross-on-Wye	1012·2	0	W'N	3	o⊕	59	65	8	4000	Cu	3	CiSt	9	1
Leafield	1012·6	0	W	3	o	56	65	8	4000	Cu	2	CiSt	10	*
Andover	1013·0	+1 (corrected in red)	W'N	5	o+	58	65	7	1500	St.	10	-	10	0
S. Farnborough	1011·5	+1	NW	3	mmo	57	85	6	1500	St.Cu	10	-	10	0
London (Kew Obsy.)	1012·5	+1	W	2	bc	58	65	7	4000	Cu	1	CiSt	4	1
Croydon	1012·4	+1	NW'N	3	o	58	65	7	4000	St.Cu	10	-	10	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012·1	+3	NW	3	o+	57	65	8	2500	St.Cu	8	A.St	10	*
Grain	1012·1	+2	NW	4	c+	59	65	7	2500	Cu	8	-	8	1
Lympne	1012·1	+1	NW	3	o	58	65	6	1500	St	5	CiSt	10	0
Scilly (St. Mary's)	1016·4	0	W	3	ffo	57	97	3	800	St.	10	-	10	*
Falmouth (Pendennis)	1015·3	0	W	4	c-	59	75	8	4000	St.Cu	8	-	8	*
Plymouth (Cattewater)	1015·6	+1	SW	3	o	57	85	7	4000	St.Cu	10	-	10	1
Portland Bill	1013·7	+2	W	3	o+	58	85	7	4000	St.Cu	10	-	10	*
Southampton (Calshot)	1013·8	+1	W'S	4	o	61	65	7	4000	St.Cu	4	CiSt	9	0
Dungeness	1012·6	+2	NW	3	c+	62	65	7	4000	Cu	3	CiSt	8	*
Jersey	1016·8	+1	W	4	o	59	85	8	1500	Nb	10	-	10	*
Guernsey	1016·4	-1	W	4	od₀d₀	57	92	7	1500	Nb	10	-	10	※

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	997·9	0	W	1	o	48	85	6	2500	St	3	ASt	10	0
Stornoway	994·8	-6	SW	3	opr₀	49	92	7	450	St	10	-	10	2
Wick	998·1	-3	SW	1	c/r	47	85	8	5700	StCu	6	ASt	8	0
Castlebay	994·3	-10	SSW	6	orr	51	97	6	450	Nb	10	-	10	7
Nairn	998·3	*	W	2	c+	48	85	8	1500	St	7	-	7	*
Aberdeen	1001·2	-4	SW	1	o+	50	75	5	1500	St	5	ASt	10	0
Malin Head	995·1	-9	S	6	orr	51	92	6	4000	Nb	7	ASt	10	5
Renfrew	1002·5	-6	SW	4	or₀r₀	49	92	5	1500	Nb	9	ASt	10	*
Edinburgh (Inchkeith)	1002·5	-4	SW	3	sd₀	50	75	7	-	StCu	4	ASt	10	1
Leuchars	1001·8	-4	SSW	2	o	49	75	6	-	-	0	ASt	10	*
Eskdalemuir	1004·5	-5	SSW	3	orr	45	97	6	1500	Nb	10	-	10	*
Tynemouth	1005·9	-2	W	1	o+	57	55	6	800	St	10	-	10	1
Blacksod Point	997·7	-3	S	7	mo+	57	92	6	*	*	*	*	10	8
Donaghadee	1004·0	-6	SW	3 (corrected in red)	orr	50	92	7	800	St	6	ASt	10	0
Birr Castle	1002·9	*	WSW	2	oRR	57	97	5	1500	Nb	10	-	10	*
Holyhead	1005·7	-7	S	5	orr	53	97	6	<150	Nb	10	-	10	3
Liverpool (Bidston)	1007·5	-4	SW	3	od₀+	51	92	6	1500	St	10	-	10	4
Chester (Shotwick)	1005·0	-4	SE	2	or₀r₀	52	92	6	1500	Nb	10	-	10	*
Spurn Head	1009·3	+1	W	3	o	52	92	6	2500	St	10	-	10	2
Birmingham (Edgbaston)	1011·1	-2	WSW	2	or₀r₀	52	75	6	1500	Nb	10	-	10	*
Nottingham	1009·6	-1	W	2	or₀+	53	75	6	2500	Nb	10	-	10	*
Cranwell	1010·9	-0	SW	2	or₀	51	92	7	2500	St	10	-	10	*
Gorleston	1011·9	+1	SW'W	1	o	52	75	6	2500	St	10	-	10	0
Valencia (Cahirciveen)	1007·4	-3	SW	6	o	59	92	6	800	St	10	-	10	6
Roches Point	1007·5	-6	SW	4	oGG	56	97	6	800	Nb	10	-	10	3
Pembroke (St. Ann's H.)	1010·5	-4	SSW	6	orr	54	97	6	1500	Nb	10	-	10	6
Ross-on-Wye	1011·3	-2	SW'S	2	or₀	53	85	6	1500	Nb	10	-	10	*
Leafield	1013·4	-1	WNW	3	or₀+	52	97	3	2500	St	10	-	10	*
Andover	1013·4	0	SW	2	orr	54	55	6	800 (450 struck out, corrected in red)	St	10	-	10	*
S. Farnborough	1013·1	+0	SW	2	od₀	54	85	5	1500	St	10	-	10	*
London (Kew Obsy.)	1012·8	0	SW	2	o+	56	75	6	1500	St	10	-	10	*
Croydon	1013·0	+1	WSW	3	o	55	65	6	2500	St	5	ASt	10	*
Clacton-on-Sea	1012·5	+1	W	2	o+	55	75	6	-	-	0	CiSt	10	0
Shoeburyness	1011·9	+0	-	0	mo+	54	75	6	2500	St	6	ASt	10	*
Grain	1013·2	+1	SW	2	o	54	75	6	1500	StCu	8	ASt	10	0
Lympne	1013·3	+1	W'N	2	o	53	85	6	2500	St	4	ASt	10	*
Scilly (St. Mary's)	1014·8	-2	WSW	4	FFo	57	97	1	450	St	10	-	10	5
Falmouth (Pendennis)	1013·7	-3	W	5	od₀+	57	97	3	450	St	10	-	10	0
Plymouth (Cattewater)	1014·4	-1	WSW	4	or₀d₀	56	97	6	220	St	10	-	10	1
Portland Bill	1013·1	0	WSW	5	oGr₀	57	92	7	2500	Nb	10	-	10	4
Southampton (Calshot)	1013·8	0	SW	3	o	57	85	7	2500	St	10	-	10	0
Dungeness	1013·5	+2	NW	3	o	57	97	6	2500	St	10	-	10	4
Jersey	1016·4	0	W	3	o/r	58	85	7	1500	Nb	10	-	10	3
Guernsey	1016·5	0	W	3	o	56	97	8	1500	StCu	10	-	10	1

LONDON OBSERVATIONS. (Weather: 24 hours ended 0700 G.M.T. 9th; Kew, Croydon: 24 hours ended 0700)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew	18	bcmbc	ocm	omrr.or	*	*	51	-	8	2·4	*	*
Croydon	244	bcm	ogm	omrro	*	*	51	-	4	4·1	*	*
Greenwich (Royal Obsy.)	149	bc	co	or	63	53	48	-	4	4·8	59	84
City (Bunhill Row)	80	*	*	*	*	*	*	*		3·3	*	*
Westminster (St. James' Pk.)	27	*	*	*	63	56	51		4	4·3	60	81
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	3·5	*	*
Camden Square	110	boc	co	*	63	50	51	*	8	*	75	84
Kensington Palace	80	oj	jo	*	63	51	51	-	8	*	At 15h	82
Hampstead Observatory	450	o	*	*	61	52	49	1	4	5·1	*	88

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 1800 G.M.T. 8th.

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

Kew Observatory			
Max.	Time.	Min.	Time.
0.4	18h 7th		
0.5	7h 8th	L0·3	1h 8th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 18h 30m. to 9th 5h 13m.

Stars	Exposure h. m.	Record h. m.	%
Polaris	10 45	NIL	0
δ Ursae Minoris	10 45	NIL	0

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 min.	Excess	Direc.
13h.	C₁C₂	6	-	100°
18h.	-	5	-	135°
21h.	C	5	-	125°
07h.	C	5	-	100°

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 9th–10th October 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·9 6·11	11·40 11·40	5·11 5·9
Greenwich	6·15 6·17	11·47 11·47	5·19 5·17
Wick	6·37 6·39	11·54 11·54	5·12 5·14
Valencia	6·54 6·56	12·18 12·18	6·0 5·58

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

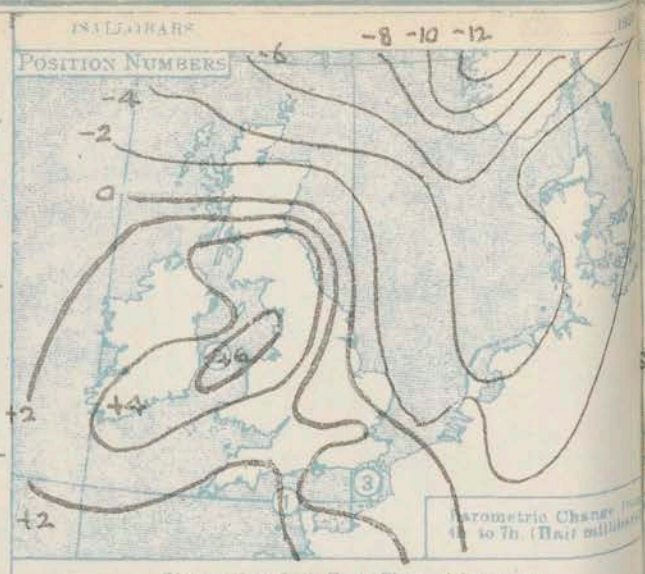
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 9th	Weather. 13h.-18h. 9th	Weather. 18h. 9th 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	cpr	oo	o	bcp	52	46	•	0·6	5	<0800	<2100	6·0
Stornoway	p	oo	r.d	p	51	44	•	0·5	6	—	<2100	2·5
Wick	bccp.	cp.o	oirq	cprq l	51	46	•	0·1	2	11.00	—	•
Castlebay	copo	orr	rro	oc	51	51	•	1	2	15.30	—	0·5
Nairn	bccdq	cq	orc	iRqc	51	45	•	0·2	8	11.00	<2100	2·8
Aberdeen	b.bc	comm	oorro	ob	56	44	43	—	6	—	<2100	5·0
Malin Head	bccov	orr	iR p	p.co	54	51	•	7	5	13.30	<2100	0·2
Renfrew	bcp.o	or.r.q	omrrq	obcq	54	44	46	0·2	4	16.30	<2100	2·8
Edinburgh (Inchkeith)	oo	oo	r	c	52	50	46	—	4	—	<2100	3·5
Leuchars	cbcbo	om	orro	obq	54	45	40	—	6	—	<2100	3·8
Eskdalemuir	co	oorm	ormo	oor.p	50	45	43	0·6	16	16.30	<2100	1·9
Tynemouth	bm	cim	r.r.	bbc	54	48	44	—	3	—	<2100	•
Blackrod Point	r-d	r-d	oo	p	54	48	•	9	1	—	•	•
Donaghadee	oo	omr	omd	bcqp	54	50	•	3	4	15.30	<2100	•
Birr Castle	co	oRR	opreq	co	58	49	44	4	4	14.30	<2100	0·4
Holyhead	oco	orrm	oiriRo	oo	55	52	52	3	4	15.30	<2100	1·4
Liverpool (Bidston)	ocp.	oo	rd		62	50	44	1	8	17.30	<2100	0·0
Chester (Shotwick)	bco	oorom	orrq	oq	58	51	49	0·2	8	16.30	<2100	1·8
Spurn Head	c	c	oorr	roqo	54	49	•	—	6	—	<2100	5·5
Birmingham (Edgbaston)	cy	cor.	or.r.rr	odo	56	50	48	Trace	8	16.30	<2100	2·6
Nottingham	c	oor.	o	rr	57	51	49	Trace	4	17.30	<2100	2·0
Cranwell	obco	oo	rr	r.8	56	49	46	Trace	10	—	<2100	4·3
Gorleston	c	co	omrr	oroc	58	46	44	—	4	—	2200	5·5
Valencia (Cahirciveen)	oor	orom	or	opo	59	54	50	5	0·5	11.00	<2100	0·0
Roches Point	or.m	or.do	dob	bcc	56	54	•	2	0·2	12.30	<2100	•
Pembroke (St. Ann's H.)	c	orr	oqpd	oqd	58	54	•	1	2	15.30	<2100	2·9
Ross-on-Wye	oc	ocor.	r.dqroq	oq	59	53	51	0·3	2	17.30	<2100	1·4
Leafield	oo	c	o.o.c	p	57	52	49	0·1	6	17.30	<2100	4·2
Andover	ombco	oomrr	omrr	ood.d	60	52	50	Trace	4	17.30	<2100	2·8
S. Farnborough	bbcco	oomm	orrm	oropq	60	52	51	—	6	—	<2100	2·2
London (Kew Obsy.)	bcmcbo	oom	omorr	oro.ov	58	53	51	—	8	—	<2100	2·4
Croydon	bom3	ozm	omr	oroo	59	53	51	—	4	—	<2100	4·1
Clacton-on-Sea	zccy	cyog	ogmr	ogrog	58	53	50	—	9	—	2200	5·0
Shoeburyness	bbcco	oom	omrr	cbc	60	52	49	—	4	—	<2100	4·6
Grain	bcmc	oo	obc	bc	59	53	48	—	6	—	2200	3·8
Lympne	bom	om	orm	o	61	53	50	—	11	—	<2100	4·6
Scilly (St. Mary's)	offe	ocf	omd	omd	58	56	•	0·2	0·4	<0800	<2100	0·0
Falmouth (Pendennis)	omdco	coofd	fromdq	omdqR	59	56	•	Trace	1	<0800	<2100	0·3
Plymouth (Cattewater)	oo	or.r.	ordm	odam	59	56	49	0·1	0·6	16.30	<2100	0·5
Portland Bill	bbc	oo	rd	co	59	54	•	Trace	2	17.30	<2100	•
Southampton (Calshot)	oo	oo	orr	oo	62	53	55	—	4	—	<2100	3·3
Dungeness	c	oo	rr	8pr	63	56	•	—	4	—	2200	•
Jersey	oc	odop					•	Trace		1430		
Guernsey	com	odo		omrm	58	55	•	0·1	1	12.30	2110	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	8th 1000	"Scotia"	W'S	3	C	55	55	8
3	9th 0200	"Arundel"	WSW	6	R	58	59	4

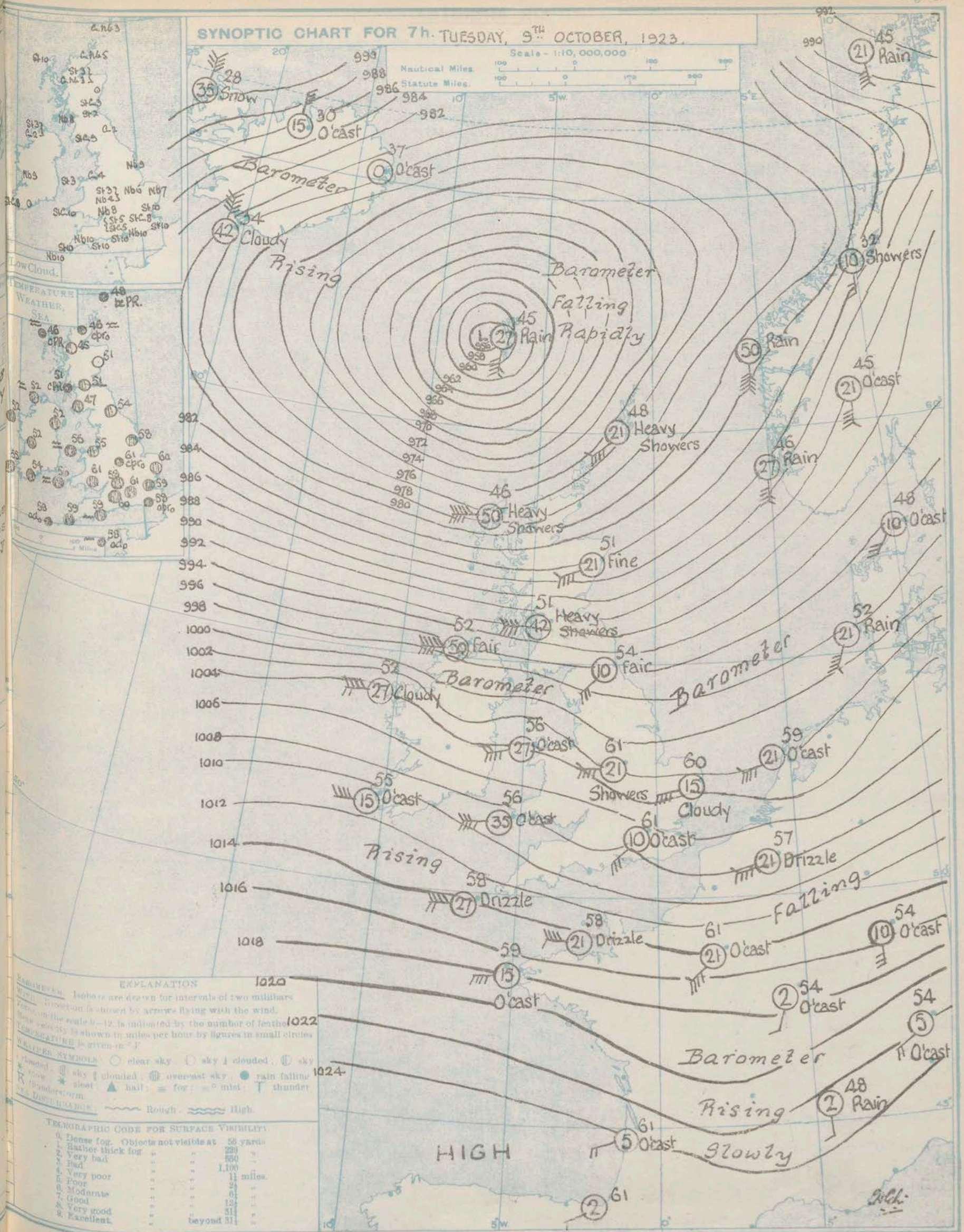
GENERAL INFERENCE.

The deep depression north of Scotland will move east but conditions are favourable for the development of fresh disturbances out on the Atlantic and generally unsettled weather is likely to be maintained with westerly winds, strong to a gale during most of today in the North.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Tuesday, 9th October, 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	Fresh or strong westerly wind, moderating; mainly cloudy, occasional slight rain; visibility moderate to good; mild.	Unsettled. ---------- ▽ South Cone still flying. ▽ South Cone hoisted 1500. 8-10-23. ▼ South Cone hoisted 0930. today. ----------
11. E. Scotland ▼ 12. S.W. Scotland ▽ 13. Isle of Man 14. N. & N.W. Scotland ▽ 15. Hebrides ▽ 16. Orkneys and Shetlands ▽	Wind west, strong to a gale, moderating; mainly cloudy, occasional rain; visibility good; rather mild.	
17. N.W. Ireland ▽ 18. N.E. Ireland	Wind west, strong to a gale, moderating; mainly cloudy, occasional rain; visibility good; mild.	
19. S.E. Ireland ▽ 20. S.W. Ireland ▽	As 1 - 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...Tuesday, 9th October 1923. No. 282.

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	984.4	-12	S	3	0	49	85	6	-	-	0	A St	10
Stornoway	51	982.4	-9	WSW	6	r	.	.	4	.	.	.	.	.
Wick	81	983.1	-15	SSW	4	or	50	85	8	800	St	4	A St	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	992.1	0	WSW	8	o/r	56	92	4	4000	Nb	6	A St	9
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	130	990.9	-10	SW	4	o/r	56	92	8	-	-	0	A St	10
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	996.4	-8	SW	1	o/r	51	92	6	800	St	10	-	10
Blacksod Point ...	10	999.8	+3	W	6	9	55	85	6	*	*	*	*	10
Donaghadee	85	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1001.1	-1	SW	5	o/r	54	94	4	1500	St Cu	10	-	10
Liverpool (Bidston) ...	139	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	1000.8	-4	SSW	5	orr	52	94	4	4000	Nb	10	-	10
Birmingham (Edgbaston)	526	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1002.6	-8	SW'W	4	or/o	55	94	6	800	Nb	10	-	10
Gorleston	13	1002.3	-4	SSW	4	orr	52	94	5	4000	Nb	10	-	10
Valencia (Cahirciveen)	30	1006.1	0	SW	5	or/o	54	94	4	*	St	10	-	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1004.0	0	SW	4	od	54	94	6	1500	St	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	58	*	*	*	*	*	*	*
Croydon	244	1007.1	-5	SW'W	4	orr	58	92	4	1500	St	10	-	10
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1008.6	-6	WSW	5	orr	55	94	5	800	Nb	10	-	10
Scilly (St. Mary's) ...	131	1013.6	-1	W'S	6	0	54	94	6	800	St	10	-	10
Falmouth (Pendennis)	200	1011.8	+1	W	6	od	58	94	6	4000	St	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1010.5	-1	WSW	5	o/r	58	92	4	2500	Nb	10	-	10
Southampton (Calshot)	12	1009.8	-2	SW	5	o/r	58	94	4	800	St	10	-	10
Dungeness	21	1008.6	-6	SW	6	o/RR	58	94	4	4000	Nb	10	-	10
*		*	*	*	*	*	*	*	*	*	*	*	*	*
Guernsey	—													

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	Sun. 0-9
Lerwick	975.8	-4	SW	3	bc PR	48	92	6	4000	Cu Nb	3	A Cu	5	4
Stornoway	976.8	-3	W	9	o PR	46	85	6	450	St	10	-	10	4
Wick	978.9	-4	WSW	8	c pr.	46	85	8	2500	Cu Nb	5	Ci	8	4
Castlebay	988.2	+1	W	8	bc	52	85	7	1500	St	6	-	6	7
Nairn	982.1	-	W	5	bc/r	45	85	8	1500	St	6	-	6	.
Aberdeen	985.6	-1	WSW	5	b	51	65	8	-	-	0	-	0	0
Malin Head	995.4	+4	W	9	bc.	52	85	4	4000	St	5	-	5	4
Renfrew	993.4	+3	W	8	c PR	51	45	5	1500	Nb	8	-	8	.
Edinburgh (Inchkeith)	988.5	+3	WSW	8	bc	51	65	4	*	St	2	A St	6	6
Leuchars	989.5	+3	WSW	4	b	49	45	8	2500	St Cu	3	-	3	.
Eskdalemuir ...	996.8	+4	WSW	6	c.	44	45	4	2500	St Cu	9	-	9	.
Tynemouth	995.1	+3	SW	3	bc	54	85	4	4000	Cu	2	Ci	4	2
Blacksod Point ...	1004.1	+3	W	6	c.	52	65	4	*	*	*	*	4	8
Donaghadee	999.8	+3	SSW	4	c.	52	45	8	1500	St Cu	4	-	4	4
Birr Castle	1005.4	-	W	4	o+	52	92	6	2500	Nb	9	-	9	.
Holyhead	1004.4	+4	W'S	6	o	56	45	4	1500	St	3	A Cu	10	5
Liverpool (Bidston) ...	1003.0	+4	WSW	4	bc/r	55	85	8	2500	Cu	4	A Cu	6	8
Chester (Shotwick) ...	1003.1	+4	W	4	o-	58	85	4	2500	St Cu	9	-	9	.
Spurn Head	999.6	-2	WSW	6	o-	58	94	4	4000	Nb	9	-	9	3
Birmingham (Edgbaston)	1004.3	+1	WSW	5	o-	59	94	4	800	Nb	4	A St	10	.
Nottingham	1001.2	0	W	5	c pr.	61	85	4	800	Nb	6	Ci	4	.
Cranwell	1001.3	0	WSW	4	o-	61	94	8	800	Nb	8	A Cu	9	.
Gorleston	1003.0	-2	W'S	4	c/r	60	85	4	4000	Nb	4	-	4	1
Valencia (Cahirciveen)	1011.4	+4	W	4	o	55	45	4	2500	St Cu	8	A St	9	4
Roches Point	1010.5	+5	W	1	c	54	85	8	-	-	0	A Cu	8	0
Pembroke (St. Ann's H.)	1008.2	+3	W	4	o	56	94	4	2500	St Cu	10	-	10	4
Ross-on-Wye	1006.1	+1	WSW	5	o	61	85	8	2500	Nb	8	Ci	10	.
Leafield	1006.2	+2	SW'W	5	c/r	58	97	6	2500	Nb	4	-	4	.
Andover	1008.2	0	WSW	5	od/c	60	92	8	800	St	9	-	9	.
S. Farnborough ...	1007.5	+1	WSW	5	o/r	60	94	4	1500	St	10	-	10	.
London (Kew Obsy.) ...	1006.4	0	SW	3	o	61	85	9	2500	St Cu	8	A St	10	.
Croydon	1007.6	+1	WSW	4	o	61	85	8	1500	St	10	-	10	.
Clacton-on-Sea ...	1005.2	0	SW	3	o	59	92	6	1500	St	10	-	10	1
Shoeburyness	1005.6	0	W	6	bc-	61	85	4	4000	Ci	2	Ci	4	.
Grain	1006.4	0	SW	6	bc	61	92	6	1500	St Cu	5	-	5	0
Lympne	1007.6	-2	W	5	o	58	97	6	800	St	10	-	10	.
Scilly (St. Mary's) ...	1013.2	0	W	6	od	58	94	5	2500	Nb	10	-	10	5
Falmouth (Pendennis)	1012.0	+1	W	5	o/r	59	94	4	4000	St	10	-	10	0
Plymouth (Cattewater)	1011.5	0	W	5	od	59	94	6	225	Nb	10	-	10	0
Portland Bill	1009.5	-2	WSW	4	o	59	92	6	800	St	10	-	10	6
Southampton (Calshot)	1009.6	0	SW'S	5	or	59	92	4	800	Nb	10	-	10	5
Dungeness	1008.3	0	SW	5	o/r	58	94	4	1500	St	10	-	10	5
Guernsey	1014.4	+2	W	5	od	58	94	6	800	Nb	10	-	10	6

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	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	bcb	bcca	40	55	-	-	5.6	1.7
Berwick-on-Tweed	bcc	bccv	44	54	1	-	5.8	2.3
Llandudno	cb	or	50	57	-	0.3	2.0	1.0
Colwyn Bay ...	c	cr	49	56	-	1	3.1	2.7
Rhyl	pcbc	co	50	57	-	-	2.2	1.7
Southport	ococ	cor	49	55	1	0.3	0.6	0.9
Blackpool	or	co	50	55	0.2	1	0.6	0.9
Ilkley	cbcbc	bc	45	56	-	-	2.7	0.4
Harrogate	c	co	45	54	-	-	3.4	1.1
Skegness	b	b	48	57	1	-	5.4	0.4
Aberystwyth ...	rcc	b	53	57	9	-	4.5	1.0
Bath	oc	ocg	49	60	3	-	0.8	0.3
Leamington Spa ...	cbo	o	45	58	4	-	3.3	0.6
Lowestoft	b	bco	50	56	3	-	4.3	2.3
Felixstowe	bc	og	51	58	7	-	5.2	3.7
Southend	bc	co	50	60	6	-	4.8	2.9

Stations.	Weather. Forenoon.	Weather. Afternoon.	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	obcc	ocod	55	59	11	Trace	2.5	0.0
Bude	rro	orr.	55	60	14	1	0.2	1.1
*								0.8
Paignton	oc	o	54	62	4	-	1.3	0.8
Torquay	c	c	53	61	3	-	0.7	0.6
Weymouth	bco	o	52	63	6	0.2	1.3	
Bournemouth ...	bco	o	52	61	10	-	2.7	0.1
Portsmouth (S'thsea)	bbc	co	54	61	7	-	4.0	0.7
Littlehampton ...	bc	o	52	61	8	-	5.1	1.4
Worthing	obc	co	52	61	9	-	5.1	1.5
Brighton	bbcc	bco	54	61	11	-	3.8	2.2
Eastbourne	bbcc	co	54	61	16	-	5.6	2.5
Hastings	bcc	cbcco	53	61	16	-	6.5	3.4
Folkestone	bc	bc	54	60	15	-	4.0	5.6
Dover	bbc	com	55	60	13	-	4.4	5.4
Tunbridge Wells ...	bbc	bcco	52	60	13	-	5.4	5.4
Ramsgate	bbc	bc	43	*	78	-	5.2	5.8
Margate	bc	co	53	57	6	-	5.4	6.0
Deal	cbc	bcco	53	60	8	-	3.5	5.8

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 2. ‡ See footnote page 1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22602 WEDNESDAY, 10th OCTOBER....1923.

Observations at 1800 G.M.T.... 9th

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	964·2	−3	SW	10	or-	50	85	5	4000	Nb	10	-	10	•
Stornoway	964·3	+8	W	9	o/r	51	75	6	450	St.	10	-	10	•
Wick	977·8	0	W	10	opr	47	85	8	800	St	6	Ci	9	•
Castlebay	995·6	+6	w	8	mnbc	53	85	7	1500	St	6	-	6	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	987·5	+3	WSW	6	b+	55	55	8	1500	Cu	1	-	1	1
Malin Head	1001·7	+5	W	9	bc	54	75	6	4000	Cu	4	Ci.Cu	6	•
Renfrew	998·1	+6	W	7	c	55	65	8	2500	St.Cu	6	Ci	8	0
Edinburgh (Inchkeith)	991·2	+1	W	10	bc	54	55	7	*	Cu.Nb	3	Ci	6	•
Leuchars	992·8	+3	W	8	cjp	55	55	8	2500	Nb	7	-	7	0
Eskdalemuir	1000·7	+7	W	7	o	52	55	7	2500	St.Cu	9	-	9	2
Tynemouth	1000·1	+4	W	6	b	55	55	7	1500	Cu.Nb	2	-	2	•
Blacksod Point	1009·2	−1	W	7	o+	55	65	8	*	*	*	*	10	•
Donaghadee	1004·4	+3	W'N	6	bc	57	65	8	450	Cu	4	-	4	•
Birr Castle	1011·4	*	SW	4	c-	56	65	8	4000	St.Cu	6	A.Cu	8	•
Holyhead	1009·2	+3	W	5	o	56	65	7	1500	St.Cu	4	A.Cu	9	1
Liverpool (Bidston)	1007·6	+4	WSW	7	c-	55	65	7	2500	Cu.Nb	4	Ci.Cu	7	•
Chester (Shotwick)	1008·6	+5	W'N	7	c-	60	55	8	2500	Cu	2	A.Cu	7	5
Spurn Head	1004·0	+5	W'N	9	c	55	75	7	4000	St.	4	Ci.St	7	•
Birmingham (Edgbaston)	1009·8	+5	WSW	6	bc-	58	55	8	4000	Cu	4	-	4	2
Nottingham	1007·5	+5	W	6	b-	59	55	8	2500	Cu	1	Ci	2	•
Cranwell	1007·4	+4	WNW	6	bc	58	75	8	2500	Cu	4	Ci.St	6	2
Gorleston	1007·0	+4	NW	3	c-	63	55	6	4000	Cu	5	A.Cu	7	•
Valencia (Cahirciveen)	1016·5	+4	W'S	4	c	56	75	7	2500	St.Cu	2	A.Cu	8	•
Roches Point	1015·0	+4	W	3	c	59	65	8	4000	St.Cu	5	Ci.Cu	7	•
Pembroke (St. Ann's H.)	1014·0	+4	W	6	c	55	85	7	4000	St.Cu	7	-	7	•
Ross-on-Wye	1011·6	+4	WNW	6	bc-	61	55	9	4000	Cu	5	A.Cu	5	1
Leafield	1010·3	+4	W	7	bcjp	58	85	8	-	Cu	2	Ci.Cu	6	*
Andover	1011·7	+3	W	6	bc-	63	65	8	2500	Cu	4	A.Cu	5	0
S. Farnborough	1010·9	+6	W	5	c	66	65	7	2500	Cu	4	Ci.Cu	7	0
London (Kew Obsy.)	1010·2	+5	W	4	c	64	55	8	4000	St.Cu	3	Ci.Cu	7	1
Croydon	1010·1	+4	W'N	5	c	64	65	8	2500	Cu	5	A.Cu	8	2
Cloton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1008·7	+4	NW	5	bc+	64	75	9	1500	Cu.Nb	3	Ci.Cu	6	*
Grain	1008·7	+3	WSW	6	c	67	55	8	4000	Cu	4	A.Cu	8	1
Lympne	1009·9	+1	WNW	6	c	67	65	8	1500	Cu	3	A.Cu	7	0
Scilly (St. Mary's)	1018·0	+4	W	4	b-	59	92	7	4000	St.Cu	3	-	3	•
Falmouth (Pendennis)	1016·6	+3	WNW	5	bc/r	61	65	8	5700	Cu	4	-	4	•
Plymouth (Cattewater)	1016·1	+4	WNW	5	b	61	65	7	4000	St.Cu	1	-	1	0
Portland Bill	1013·8	+2	WSW	4	b	61	65	7	-	-	0	-	0	•
Southampton (Calshot)	1012·6	+3	W'N	6	b	63	55	8	2500	Cu	1	A.Cu	2	0
Dungeness	1009·8	+2	WSW	5	c+	63	85	7	4000	Cu	5	Ci.Cu	8	•
Guernsey	1016·6	+1	W.	6	odc	59	97	8	2500	St.	10	-	10	•

Observations at 1800 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. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	974·3	+18	NW	10	or	48	92	5	4000	Nb	9	-	9	9
Stornoway	994·1	+9	WNW	6	cPR-	46	92	6	800	Nb	8	-	8	5
Wick	988·5	+15	WNW	9	opr	46	92	8	800	St	6	Ci.St	10	7
Castlebay	1001·7	+5	w	7	bc	51	85	7	1500	Cu.Nb	6	-	6	7
Nairn	994·2	*	W	7	cR	45	85	7	2500	Nb	8	-	8	•
Aberdeen	994·1	+9	W	5	b-	49	65	8	-	-	0	-	0	3
Malin Head	1006·2	+4	W	8	oPR	51	92	7	4000	Nb	4	A.St	9	8
Renfrew	1003·5	+7	W	6	bjp	50	65	8	1500	Nb	3	-	3	•
Edinburgh (Inchkeith)	998·5	+12	W	8	bpG	49	75	8	-	Cu.Nb	3	-	3	6
Leuchars	997·8	+6	W	6	b	48	75	8	2500	St.Cu	2	-	2	•
Eskdalemuir	1005·3	+5	W	6	bc/r	45	85	7	1500	St.Cu	3	Ci.St	6	•
Tynemouth	1002·9	+4	W	6	b/r	53	65	7	1500	St	3	-	3	6
Blacksod Point	1011·7	0	SW	5	o	51	75	7	*	*	*	*	10	7
Donaghadee	1008·5	+4	W	4	bc+	51	75	8	450	St	5	-	5	5
Birr Castle	1014·4	*	SW	2	c	51	75	6	2500	St.Cu	8	-	8	•
Holyhead	1012·2	+3	W	6	o	54	75	8	4000	St.Cu	1	Ci.St	9	6
Liverpool (Bidston)	1011·2	+3	W	6	bc	53	65	8	2500	St	2	A.St	6	7
Chester (Shotwick)	1011·9	+3	W	6	c	54	65	8	2500	St	4	A.Cu	8	•
Spurn Head	1007·9	+4	W'S	8	bc	54	85	7	-	-	0	Ci.St	5	6
Birmingham (Edgbaston)	1013·5	+5	WSW	6	bc	53	75	8	2500	St.Cu	2	A.Cu	4	•
Nottingham	1011·9	+3	W	3	b-	53	65	7	2500	St.Cu	1	A.Cu	2	•
Cranwell	1011·6	+5	W'N	3	b-	51	85	7	4000	St	2	Ci.Cu	8	•
Gorleston	1011·0	+4	W	3	o+	56	85	6	-	-	0	A.Cu	9	1
Valencia (Cahirciveen)	1017·3	0	WSW	4	o	54	75	7	2500	St.Cu	2	A.St	10	5
Roches Point	1017·0	+3	W	3	c	54	85	8	4000	St.Cu	10	-	10	0
Pembroke (St. Ann's H.)	1016·7	+5	W	6	c	55	85	7	4000	St.Cu	7	-	7	5
Ross-on-Wye	1015·7	+3	W	4	bc	54	65	8	4000	Cu	2	A.Cu	4	•
Leafield	1015·2	+5	W	3	b-	50	92	?	4000	St	2	-	2	•
Andover	1016·6	+7	WSW	3	c	53	85	8	2500	Cu	6	A.St	7	•
S. Farnborough	1015·8	+6	W	3	o	55	85	7	-	-	0	Ci.Cu	9	•
London (Kew Obsy.)	1015·0	+7	SW	3	bc	56	75	8	4000	St.Cu	5	-	5	•
Croydon	1015·0	+6	W'S	4	bc-	55	75	7	-	-	0	A.Cu	5	•
Cloton-on-Sea	1012·9	+5	W	2	bc	56	65	7	2500	St	4	A.Cu	5	0
Shoeburyness	1014·1	+5	WNW	3	bm+	55	75	6	4000	St	2	-	2	•
Grain	1014·1	+6	SW	4	bc-	54	75	7	4000	St	3	A.Cu	4	0
Lympne	1015·0	+8	WNW	4	o	55	75	7	2500	St.Cu	9	-	9	•
Scilly (St. Mary's)	1020·6	+2	W'N	4	bc+	55	92	7	4000	St.Cu	3	Ci.Cu	5	3
Falmouth (Pendennis)	1020·7	+4	WNW	2	b	55	85	8	5700	St.Cu	3	-	3	0
Plymouth (Cattewater)	1019·4	+4	WNW	2	b-	55	75	7	-	-	0	A.Cu	3	0
Portland Bill	1017·7	+4	WNW	4	b-	57	65	7	-	-	0	Ci.Cu	2	6
Southampton (Calshot)	1017·5	+6	W	3	bc	55	75	7	-	-	0	A.Cu	6	0
Dungeness	1015·0	+7	W	4	o+	57	85	7	4000	St.Cu	7	A.Cu	10	5
Guernsey	1020·2	+5	W'N	5	bc+	56	97	6	2500	St	5	-	5	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.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 10th								YESTERDAY.		TO-DAY.
Kew	18	odcy	cy.bc	bcbopq	*	*	47	Tr	Tr	2·9	*	*
Croydon } 24 hours ended 0700	244	odcbc	cy.bc	bcopq	*	*	48	Tr	Tr	2·4	*	*
Greenwich (Royal Obsy.)	149	o.bc	bc	c.od	68	52	42	-	-	2·8	55	83
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2·3	*	*
Westminster (St. James' Pk.)	27	*	*	*	66	53	49	-	-	2·6	52	81
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	1·6	*	*
Camden Square	110	o.c.	c.b	*	67	52	46	-	0·3	*	*	83
Kensington Palace	80	bc	c	*	66	52	47	-	0·2	*	70 At 18h.	86
Hampstead Observatory	450	*	*	*	64	50	44·4	-	0·3	3·7	*	87

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1·0	18h 8m	<0·3	0-6h
0·3	7h. 9m		8h

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9th 18h. 30m. to 10th 5h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10 45	3. 5	29
δ Ursæ Minoris	10 45	2. 42	25

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.				
07h.				

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

10th & 11th October, 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·11 / 6·13	11·40 / 11·40	5·9 / 5·6
Greenwich	6·14 / 6·16	11·41 / 11·41	5·14 / 5·15
Wick	6·59 / 6·31	11·59 / 11·59	5·19 / 5·15
Valencia	6·08 / 7·0	12·25 / 12·28	5·58 / 5·58

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bp 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 o indicates slight; repetition of letters indicates continuity.
R = heavy rain. ro = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

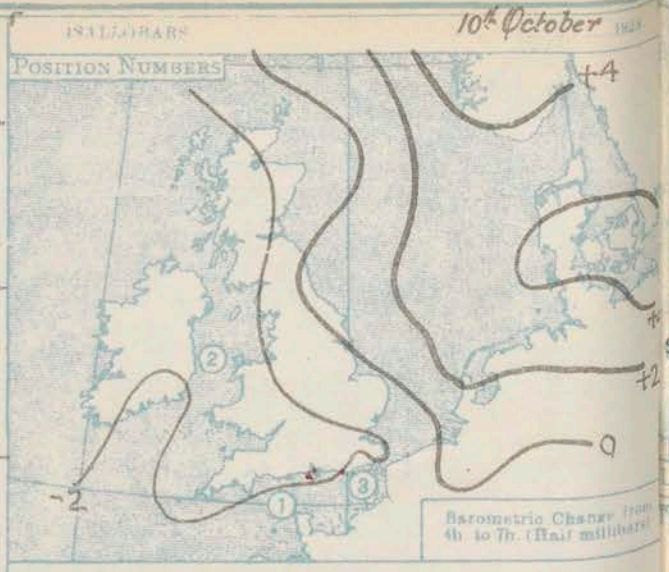
* Information for these columns not usually received.

‡ The barometric change is expressed to half millibars.

§ For code see [illegible]

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-15h. 9h	Weather. 15h.-18h. 9h	Weather. 18h. to 1h. 9h/10h	Weather. 1h.-7h. 10h	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall. Day. 7h.-18h. mm.	Rainfall. Night. 18h.-7h. mm.	Rainfall. Precipitation began.	Rainfall. Precipitation began.	Sun. 9h Hours.
Lerwick	omrq	omrq	bc	bcpr	50	42	•	8	2	<0800	<2100	0·0
Stornoway	p	p	p	p	51	45	•	1	4	–	–	0·0
Wick	cpPq	opq	bcpq	bcpc	50	42	•	3	0·5	<0800	<2100	•
Castlebay	opco	cmopc	obo	~~[illegible]~~ opco	54	50	•	0·2	0·3	–	–	4·7
Nairn	iRcq	cqiR	iRcq	iRcq	52	43	•	3	2	0900	<2100	2·8
Aberdeen	bq	po bq	b	b or bc	55	43	32	Trace	–	1330	–	9·5
Malin Head	copq	coPR	coPR	oPR	58	49	•	2	2	0900	<2100	5·5
Renfrew	cqpo	epbcq	b.p.q.o	orr R	57	47	44	0·4	11	<0800	<2100	6·9
Edinburgh (Inchkeith)	c	p	p	To To	54	48	45	0·1	4	<0800	<2100	2·4
Leuchars	bopq	cpq bcq	bq.b	b.oo	56	44	35	0·2	–	<0800	–	7·0
Eskdalemuir	oy	cop	bcq bcor	r	53	42	41	3	5	1430	<2100	2·8
Tynemouth	bq	cpq	b-bcq	b.bcmq	56	50	46	Trace	–	1730	–	•
Blacknod Point ...	c	c	oo	oo	57	47	•	–	–	–	–	•
Donaghadee	bcq	bcq	bc	oo	57	48	•	–	–	–	–	•
Birr Castle	co	copr	c.o	c.o	57	48	44	0·1	–	16·30	–	3·5
Holyhead	oco	oco	ocbco	oo	57	52	51	–	–	–	–	2·6
Liverpool (Bidston) ...	ocq	coq	c.o	c.o	56	51	45	–	–	–	–	3·1
Chester (Shotwick) ...	oocq	ocqq	cq.bc.o	oo	60	50	45	–	–	–	–	4·1
Spurn Head	cq	c	oo	oo	60	48	•	–	–	–	–	6·6
Birmingham (Edgbaston)	obc	bcc	bc.b	bcq	60	48	44	–	–	–	–	6·7
Nottingham	c	b-bc	b	c	62	48	41	–	–	–	–	6·7
Cranwell	oc	c	b-bc	b.bc.co	61	47	42	–	–	–	–	7·4
Gorleston	cq	c	b	b.bcco	65	49	45	–	–	–	–	5·7
Valencia (Cahirciveen)	oc	co	oo	oor	56	52	48	–	2	–	0430	1·4
Roches Point	c	co	oo	or To	59	52	•	–	1	–	0230	•
Pembroke (St. Ann's H.)	cq	c	oo	oo	57	54	•	–	0·1	–	–	3·8
Ross-on-Wye	cobcqy	bcy	bc.b	bc.o	62	51	47	–	–	–	–	7·2
Leafield	c	b-bc	oo	oo	61	47	38	–	–	–	–	6·7
Andover	ocbc	bcc	c.o	oo	65	50	45	–	Trace	–	0630	4·7
S. Farnborough ...	ocbcc	c	o.b.	b.opo	66	50	44	–	–	–	–	4·3
London (Kew Obsy.) ...	odcy	cybc	bc.b	b.opy	65	53	47	Trace	Trace	0900	0630	2·9
Croydon	odpc	cybc	bco	opr.o	65	52	48	Trace	Trace	0900	0630	2·4
Clacton-on-Sea ...	ogcbc	bc	bc	bc.c.oq	66	51	47	–	–	–	–	5·1
Shoeburyness	bcbcy	bcybm	bmbcq	c.o	67	51	46	–	–	–	–	2·9
Grain	bcoc	cycbc	bc.c.o	oo	67	51	46	Trace	–	<0800	–	2·7
Lympne	odo	co	oo	omrd	67	50	46	Trace	0·3	0900	0430	3·2
Scilly (St. Mary's) ...	omdbc	bc	bc	c.oifr	60	54	•	0·4	3	<0800	0130	6·4
Falmouth (Pendennis)	codbc	bc	bc	c.omd	61	52	•	0·1	0·3	<0800	0330	7·2
Plymouth (Cattewater)	odmb	bbc	b.	b.orbm	61	54	41	Trace	3	<0800	0330	5·0
Portland Bill	bbc	b-bc	b-bc	p	61	55	•	–	0·5	–	0630	•
Southampton (Calshot)	c	c	cbc	c	65	52	48	Trace	–	<0800	–	4·6
Dungeness	c	c	oo	p	62	53	•	–	Trace	–	0430	•
Guernsey	odoo	ocbc	bcbbc	bc.o.d	60	51	•	0·2	1	<0800	0330	•



Observations from Cross Channel Steamers.

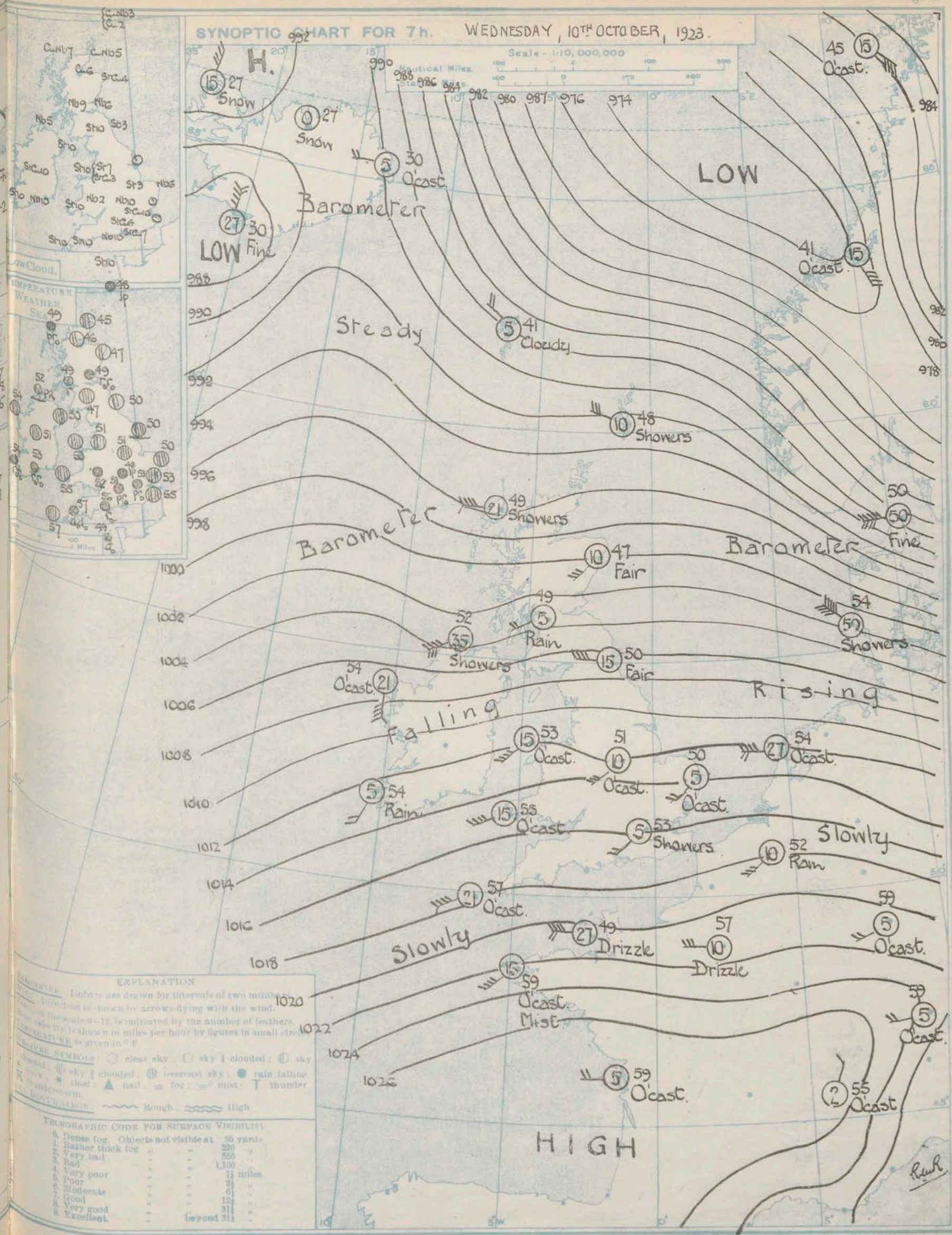
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	9th 1010	Scotia	W'S	7	c	55	55	7/8
3	10 0200	Brighton	W	5	co-	57	53	5
1	9th 1200	Ibex	WNW	7	co-	59	58	

GENERAL INFERENCE.

The depression to the northwest of Scotland is likely to move east causing much cloud and intermittent rain with fresh to strong southwesterly winds veering to west and reaching gale force in exposed places later.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Wednesday, 10th. October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind SW., fresh to strong, veering to West and reaching gale force in exposed places later; much cloud, intermittent rain; visibility poor at times; mild.	Unsettled. ---------
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	Wind SW., fresh to strong, veering to west and reaching gale force in exposed places later; much cloud, intermittent rain; visibility poor at times; mild at first, becoming rather colder later.	▼ South Cone hoisted 0945 G.M.T. today. ▽ South Cone still flying.
19. S.E. Ireland 20. S.W. Ireland	As 1 - 6.	

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. WEDNESDAY, 10th OCTOBER 1923. No. 283.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	990·9	+8	W	9	b,	46	85	7	2500	St	2	–	2
Stornoway	51	999·2	+3	W	4	PR	•	•	5	•	•	•	•	•
Wick	81	996·9	+4	W	3	bcpc	43	92	8	2500	CuNb	4	–	4
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1006·8	−1	WSW	6	oPR	51	92	8	4000	Nb	4	ASr	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1003·9	+3	WSW	7	b/r	50	75	8	–	Sr	2	–	2
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1008·1	+4	W	3	b,	50	75	7	–	–	0	–	0
Blacksod Point ...	10	1010·8	−2	W	6	o	53	85	6	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1014·0	−1	SW'W	5	o+	53	85	8	2500	StCu	10	–	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1012·0	+3	WSW	4	o	50	97	7	2500	Sr	10	–	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1014·4	+4	SW'W	3	b,	48	92	7	–	–	0	–	0
Gorleston	13	1015·8	+1	W'S	3	b,	50	75	7	4000	Sr	2	–	2
Valencia (Cahirciveen)	30	1016·6	0	S	1	o	54	85	8	–	Sr	10	–	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1017·0	0	W	5	o	54	85	8	1500	Sr	10	–	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	186	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	54	•	•	•	•	•	•	•
Croydon	244	1018·1	+1	W'S	3	o	52	85	7	–	–	–	ASr	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1019·2	+4	W'N	4	o	50	85	7	2500	Sr	10	–	10
Scilly (St. Mary's) ...	131	1020·2	0	WSW	3	b,	55	97	8	4000	SrCu	3	–	3
Falmouth (Pendennis)	200	1020·0	−1	WSW	4	bc+	55	92	8	3700	SrCu	6	–	6
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1016·1	0	W	4	bc+	57	65	7	–	–	–	ACu	4
Southampton (Calshot)	12	1019·1	0	WSW	4	bc-	54	75	8	4000	SrCu	5	–	5
Dungeness	21	1018·4	+3	WSW	4	o	54	85	8	–	–	–	ASr	10
Guernsey	25	1021·9	+1	W	3	o	55	92	6	–	–	–	ASr	10
... ...	—													

STATIONS.	Observations at 0700 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. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	992·7	+1	WNW	3	bcjf	48	85	7	4000	CuNb	5	–	5	2
Stornoway	995·2	−2	W	5	cpc	49	85	6	1500	CuNb	7	–	7	4
Wick	996·4	−1	W	3	c	45	92	8	2500	Nb	5	CiSt	7	3
Castlebay	998	−4	WSW	5	c+	52	97	7	1500	Nb	7	ASr	8	6
Nairn	998·0	•	W	2	bcfr	46	92	8	4000	Cu	6	–	6	•
Aberdeen	1000·0	−1	SW	3	bc+	47	75	8	5700	StCu	4	–	4	0
Malin Head	1003·8	−3	WSW	7	oPR+	52	97	7	4000	Nb	5	aSt	10	7
Renfrew	1004·4	−2	WSW	2	or	49	92	6	2500	Nb	9	ASr	10	•
Edinburgh (Inchkeith)	1003·3	−1	SW	5	o6c	49	92	7	–	Nb	6	aSt	10	3
Leuchars	1002·4	−2	WSW	5	o	47	85	8	4000	St	6	aSt	10	•
Eskdalemuir	1007·1	−1	SW	5	o/r	47	92	7	1500	St	10	–	10	•
Tynemouth	1006·8	0	W	4	bc	50	85	6	800	St	3	Ci	6	1
Blacksod Point ...	1007·4	−2	SW	5	o	54	85	7	<150	StCu	10	–	10	5
Donaghadee	1009·2	−2	SW	1	o+	50	85	8	800	St	10	–	10	2
Birr Castle	1010·7	•	SW	3	o+	51	85	6	2500	StCu	10	–	10	•
Holyhead	1012·3	−2	SW'W	4	o	53	85	8	1500	St	10	–	10	4
Liverpool (Bidston) ...	1011·8	−1	SW	3	o	51	75	7	1500	St	10	–	10	5
Chester (Shotwick) ...	1012·6	−1	WSW	3	o	53	75	7	2500	Sr	10	–	10	•
Spurn Head	1011·8	0	SW	4	o	50	92	6	–	–	–	ASr	10	6
Birmingham (Edgbaston)	1014·6	−1	SSW	3	o	50	85	8	2500	St	4	aSt	10	•
Nottingham	1012·6	−1	SW	3	o	51	85	6	2500	St	3	CiSt	10	•
Cranwell	1013·5	−1	SW'W	4	o	50	97	8	4000	St	6	aSt	10	•
Gorleston	1015·3	0	SW	2	o+	50	85	6	2500	Nb	6	aSt	10	0
Valencia (Cahirciveen)	1012·2	−3	SSW	2	o6c	54	92	7	450	St	10	–	10	4
Roches Point	1013·6	−1	SE	1	o6c	53	97	6	4000	Nb	10	–	10	0
Pembroke (St. Ann's H.)	1015·0	−2	W'S	4	o	55	92	7	2500	St	10	–	10	5
Ross-on-Wye	1014·9	−2	SW	2	ojp	52	85	7	2500	Nb	2	aSt	10	•
Leafield	1015·6	−2	SW'W	2	ojp	49	97	6	5700	Nb	10	–	10	•
Andover	1017·2	−2	SW	3	or	52	92	7	800	St	10	–	10	•
S. Farnborough ...	1016·9	−2	WSW	4	opr	53	92	7	4000	StCu	4	aCu	10	•
London (Kew Obsy.) ...	1017·0	−1	SW	2	opr	53	85	8	2500	StCu	10	–	10	•
Croydon	1017·1	−2	SW'W	3	o	53	75	7	–	–	0	aSt	10	•
Clacton-on-Sea ...	1015·8	−1	SW	4	o	53	85	6	–	–	–	ASr	10	1
Shoeburyness	1016·8	+1	SW	2	o+	53	85	7	4000	Cu	2	ASr	9	•
Grain	1017·0	−1	S	4	o	53	85	6	–	–	0	aSt	10	0
Lympne	1017·4	−3	W	3	od	51	92	6	1500	St	6	aSt	10	•
Scilly (St. Mary's) ...	1017·4	−3	WSW	5	off	57	97	5	2500	St	10	–	10	5
Falmouth (Pendennis)	1018·1	−2	W	5	od	57	97	6	2500	St	10	–	10	0
Plymouth (Cattewater)	1016·7	−3	SW	3	ODD	55	92	5	<150	Nb	10	–	10	0
Portland Bill	1017·5	−3	WSW	5	o6	56	92	6	4000	Nb	10	–	10	4
Southampton (Calshot)	1017·2	−2	WSW	3	or	56	85	7	2500	StCu	7	aSt	10	0
Dungeness	1017·5	−1	W	3	o/r	55	92	7	–	–	0	aSt	10	4
Guernsey	1019·5	−1	W	6	od	59	97	4	450	St	10	–	10	4

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 8th-9th	Temperature. Max. Day. 9th	Rainfall.† Night 17h.-9h. 8th-9th	Rainfall.† Day 9h.-17h. 9th	Sunshine. Sunrise to 17h. 9th	Sunshine. Sunrise to Sunset. 8th
			°F.	°F.	mm.	mm.	hr.	hr.
Montrose	bcq bqb	bqb	47	57	5	trace	9·1	5·6
Berwick-on-Tweed	PRbc	bcbcv	47	56	3	–	7·8	5·8
Llandudno	cbc	bccb	52	58	3	–	3·7	2·0
Colwyn Bay ...	c	c	52	57	4	–	2·9	3·1
Rhyl	cbc	bcc	52	58	5	–	3·6	2·2
Southport	cbcc	cbc	50	56	12	–	2·6	0·6
Blackpool	cq	bcc	50	57	11	–	0·9	0·6
Ilkley	opbcb	bcb	47	56	6	–	5·8	2·3
Harrogate	b	b	47	55	4	–	7·2	3·4
Skegness	bc	c	50	60	7	–	6·1	5·4
Aberystwyth ...	roc	b	53	57	15	–	2·7	4·7
Bath	ocbcb	bbcco	54	62	4	–	4·7	0·8
Leamington Spa ...	c	c	50	62	7	–	6·7	3·3
Lowestoft	occ	bco	50	65	7	–	5·8	4·3
Felixstowe	ocb	b	53	66	9	–	4·9	5·2
Southend	oc	cbc	53	65	7	–	2·6	4·8

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 8th-9th	Temperature. Max. Day. 9th	Rainfall.† Night 17h.-9h. 8th-9th	Rainfall.† Day 9h.-17h. 9th	Sunshine. Sunrise to 17h. 9th	Sunshine. Sunrise to Sunset. 8th
			°F.	°F.	mm.	mm.	hr.	hr.
Ilfracombe	ocbcc	co	55	60	2	–	4·2	4·5
Bude	doco	b	55	60	2	–	5·1	0·2
Paignton	coq	bcco	57	66	Trace	–	6·9	1·3
Torquay	cocb	bcc	57	66	0·1	–	6·7	0·8
Weymouth	obc	bcc	57	64	2	–	5·3	1·3
Bournemouth ...	oc	bbc	55	65	2	–	4·5	2·7
Portsmouth (S'thsea)	ob	bbc	56	64	4	–	4·1	4·0
Littlehampton ...	ocbc	bc	56	66	5	–	4·3	5·1
Worthing	oc	bcc	56	64	5	–	3·8	5·0
Brighton	roocb	bbco	57	65	9	–	3·5	3·8
Eastbourne	oc	bcc	56	63	8	–	3·2	5·6
Hastings	odoo	ocbco	56	64	8	trace	2·2	6·5
Folkestone	bc	bc	53	68	8	–	2·5	4·0
Dover	ocbc	bccoc	56	69	7	–	2·8	4·4
Tunbridge Wells ...	obc	bcco	54	67	7	–	3·7	5·4
Ramsgate	bbcb	bbc	52	*	10	–	4·5	5·2
Margate	bcoc	bcco	54	66	9	–	3·3	5·4
Deal	orc	bc	53	69	8	–	4·2	3·5

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,603 Thursday, 11th October, 1923. Page 1.

Observations at 1800 G.M.T. 10th (first group); Observations at 1800 G.M.T. 10th (second group)

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	991.0	-2	W	3	cbp	50	85	7	4000	StCu	8	-	8	•	987.3	-4	W	3	bPR	45	85	6	4000	Nb	9	-	9	2
Stornoway	993.3	-2	W	6	cpr$_0$	52	65	6	1500	CuNb	8	-	8	•	993.6	0	WNW	5	bcPR	44	85	6	800	Nb	10	-	10	4
Wick	993.4	-2	W	4	cpr$_0$	51	85	8	2500	CuNb	7	-	7	•	991.9	-2	WSW	3	bcjp	39	92	8	2500	CuNb	4	-	4	0
Castlebay	998.5	-1	WNW	5	c+	53	85	8	1500	St	8	-	8	•	997.6	0	W	5	b+	47	92	8	2500	Cu	3	-	3	6
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	*	WSW	2	c/r	42	85	8	4000	Cu	7	-	7	•
Aberdeen	996.7	-4	SW	4	b	58	65	8	2500	Cu	2	-	2	1	995.9	+1	WSW	3	bpr$_0$	47	75	8	4000	StCu	1	-	1	0
Malin Head	?1002.3	-2	WSW	7	oR	50	97	7	4000	Nb	8	ACu	9	•	1001.4	-0	W	6	o-	51	85	8	5700	StCu	9	-	9	6
Renfrew	1002.1	-1	W	4	o/r	50	92	7	1500	Nb	10	-	10	2	1000.5	-1	W	3	o/r	48	85	7	1500	StCu	7	ASt	10	•
Edinburgh (Inchkeith)	999.9	-3	SW	5	c-	52	85	7	-	St	3	C.St	8	•	998.2	-2	WSW	5	ogg	49	85	7	-	CuNb	3	ASt	9	3
Leuchars	999.1	-4	WSW	6	o+	54	75	8	-	-	0	ASt	9	0	997.3	-2	SW	3	c-	48	75	8	2500	St	5	ASt	8	•
Eskdalemuir	1004.1	-2	SW'W	6	o/r	49	85	7	1500	St	10	-	10	2	1001.4	-2	WSW	4	o/r	48	85	7	1500	StCu	9	ASt	10	•
Tynemouth	1004.1	-2	W	5	bc	55	75	7	1500	CuNb	4	ACu	6	•	1001.2	-3	W	3	o	54	75	6	800	St	4	ASt	10	1
Blacksod Point	1006.4	0	W	5	o	53	85	7	*	*	*	*	10	•	1006.5	0	W	5	o	53	75	7	*	*	*	*	10	5
Donaghadee	1005.9	-2	SW'W	4	o+	55	75	8	800	StCu	4	C.St	10	•	1004.3	-1	WSW	4	c-	52	75	8	800	St	5	-	8	3
Birr Castle	1008.9	*	SW	1	or$_0$r$_0$	52	97	6	2500	Nb	10	-	10	•	1008.9	*	WSW	3	o/r	49	92	5	2500	Nb	10	-	10	•
Holyhead	1009.1	-4	SSW	4	or$_0$r$_0$	53	92	7	1500	Nb	6	ASt	10	1	1007.2	-2	SW	4	o	53	97	8	2500	StCu	10	-	10	3
Liverpool (Bidston)	1008.9	-3	SW'W	3	opr$_0$	54	75	7	2500	St	10	-	10	•	1006.5	-2	SW'W	2	od$_0$d	51	92	6	1500	St	10	-	10	3
Chester (Shotwick)	1009.7	-4	SW	3	od$_0$	55	75	7	1500	St	4	ASt	10	5	1007.0	-2	W	4	og$_0$g$_0$	53	85	7	1500	St	10	-	10	•
Spurn Head	1008.8	-4	WSW	5	o	54	92	6	-	-	0	ASt	10	•	1005.6	-3	WSW	4	o	51	97	7	2500	St	10	-	10	1
Birmingham (Edgbaston)	1011.3	-4	SW	4	or$_0$r$_0$	50	92	7	4000	Nb	10	-	10	2	1007.6	-4	SW	3	orr	50	97	5	2500	Nb	10	-	10	•
Nottingham	1010.1	-3	SW	4	or$_0$r$_0$	53	85	6	2500	Nb	10	-	10	•	1006.4	-4	SW	3	og$_0$g$_0$	51	92	6	2500	Nb	10	-	10	•
Cranwell	1011.1	-3	SW'W	3	or$_0$r$_0$	52	97	7	1500	Nb	10	-	10	2	1007.1	-4	SW'W	3	od$_0$d	50	97	5	1500	St	10	-	10	•
Gorleston	1013.4	-1	SW'S	3	or$_0$t	52	92	6	4000	Nb	10	-	10	•	1008.3	-3	SW'S	2	orr	50	97	6	4000	Nb	10	-	10	0
Valencia (Cahirciveen)	1010.9	+1	NW'N	2	o/r	53	92	8	800	St	2	ASt	10	2	1012.4	0	WSW	4	o	54	85	7	1500	St	5	ASt	10	3
Roches Point	1008.1	-7	WSW	3	odd	58	97	5	800	Nb	10	-	10	•	1011.6	+4	WNW	2	o	54	97	8	4000	StCu	10	-	10	1
Pembroke (St. Ann's H.)	1011.6	-4	SSW	2	oDD	53	97	4	800	Nb	10	-	10	•	1010.6	-0	WNW	3	o/r	54	97	6	800	St	10	-	10	6
Ross-on-Wye	1011.5	-4	W'S	1	odt	52	92	5	800	Nb	10	-	10	1	1007.3	-5	WSW	5	od$_0$	60	85	8	2500	Nb	10	-	10	•
Leafield	1012.0	-5	WSW	2	orr	51	97	3	-	St	10	-	10	※	1007.2	-8	W	6	odd	58	97	3	4000	St	10	-	10	•
Andover	1012.6	-6	SW	4	odd	58	97	5	450	St	10	-	10	1	1010.1	-2	WSW	5	od	60	92	6	450	Nb	10	-	10	•
S. Farnborough	1012.5	-5	SW	4	or$_0$r$_0$	59	92	5	450	Nb	10	-	10	1	1009.8	-1	SW	5	od$_0$	60	92	5	800	Nb	10	-	10	•
London (Kew Obsy.)	1012.6	-5	SSW	3	odd$_0$	58	92	5	1500	Nb	10	-	10	1	1009.4	-2	SW	4	o/r	60	85	6	1500	Nb	10	-	10	•
Croydon	1012.5	-7	SW	4	odd$_0$	57	92	6	450	St	9	ASt	10	2	1009.8	-1	SW'W	5	od$_0$	61	85	6	800	St	9	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.2	-3	NW	2	od$_0$d	53	92	3	800	St	10	-	10	0
Shoeburyness	1013.3	-4	SSW	1	or$_0$	57	85	7	1500	St	10	-	10	•	1008.3	-6	WSW	5	od$_0$	61	85	8	1500	Nb	10	-	10	•
Grain	1013.1	-6	SSW	4	o	58	85	7	1500	StCu	10	-	10	0	1009.3	-2	SW	7	o	61	85	7	800	St	10	-	10	0
Lympne	1013.3	-7	SW	4	or$_0$r$_0$	55	97	2	<150	Nb	10	-	10	1	1010.7	-1	W	6	o/r	58	97	6	450	St	10	-	10	•
Scilly (St. Mary's)	1017.1	0	WSW	6	imo	58	97	4	1500	St	10	-	10	•	1015.5	-1	W'S	6	od$_0$	58	97	5	1500	St	10	-	10	6
Falmouth (Pendennis)	1015.7	-2	W	6	od$_0$	58	97	6	2500	St	10	-	10	•	1014.8	-1	W	6	od$_0$d$_0$	59	92	6	2500	St	10	-	10	1
Plymouth (Cattewater)	1015.1	-2	WSW	5	odd$_0$	58	97	6	<150	Nb	10	-	10	1	1014.2	-1	SW	5	od$_0$d$_0$	59	97	6	<150	St	10	-	10	3
Portland Bill	1015.0	-4	WSW	6	odd	59	92	6	2500	Nb	10	-	10	•	1012.0	-4	WSW	8	od$_0$d$_0$	59	92	6	2500	Nb	10	-	10	7
Southampton (Calshot)	1013.7	-6	SW'S	6	od-	59	97	5	225	St	10	-	10	1	1011.8	-2	SW	6	od$_0$	59	92	7	450	St	10	-	10	4
Dungeness	1014.8	-5	WSW	3	odd$_0$	57	97	6	2500	St	10	-	10	•	1010.1	-5	WSW	7	or$_0$r$_0$	59	97	6	1500	St	10	-	10	8
Guernsey	1018.9	-3	W'S	6	o	60	97	7	1500	St	10	-	10	•	1018.3	0	W	7	od$_0$d$_0$	59	97	5	800	St	10	-	10	5

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 HOURS ENDED 0900 G.M.T. 11th. Humidity 15h. G.M.T.: YESTERDAY; 9h. G.M.T.: TO-DAY.)

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew	18	oomd	omdPr	omozom	•	•	43	0.3	4	0.0	•	•
Croydon (24 hours ended 0700)	244	or$_0$dd	omdd	oidrrc	•	•	43	0.1	7	0.0	•	•
Greenwich (Royal Obsy.)	149	od	od	odr	62	51	48	1	7	0.0	85	88
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•
Westminster (St. James' Pk.)	27	•	•	•	62	52	50	5		0.0	88	82
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	0.0	•	•
Camden Square	110	oro	or	•	61	51	43	1	5	•	•	88
Kensington Palace	80	dmr	dmr	•	62	51	43	1	5	•	88 At 18h	93
Hampstead Observatory	450	•	•	•	53	43	46	3	4	0.0	*	92

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 10th

South Kensington Max.	Time.	Min.	Time.
1.0	18h. 9th	<0.3	0-7 10th
0.6	9h 10th		

Kew Observatory Max.	Time.	Min.	Time.
0.4	19h 9th	<0.3	4h. 10th
0.5	9h. 10th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 18h 30m to 11th 5h 15m

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10.45	0.0	0
δ Ursae Minoris	10.45	0.0	0

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	-		-	-
18h.	-			-
01h.	-	-	-	-
07h.	-	-	-	-

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

11th + 12th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.13 6.15	11.40 11.40	[illegible] 5.11
Greenwich	6.19 6.21	11.47 11.47	5.15 5.17
Wick	6.41 6.44	11.59 11.59	5.17 5.14
Valencia	7.0 7.2	12.26 12.26	5.55 5.53

BEAUFORT NOTATION OF WEATHER

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

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

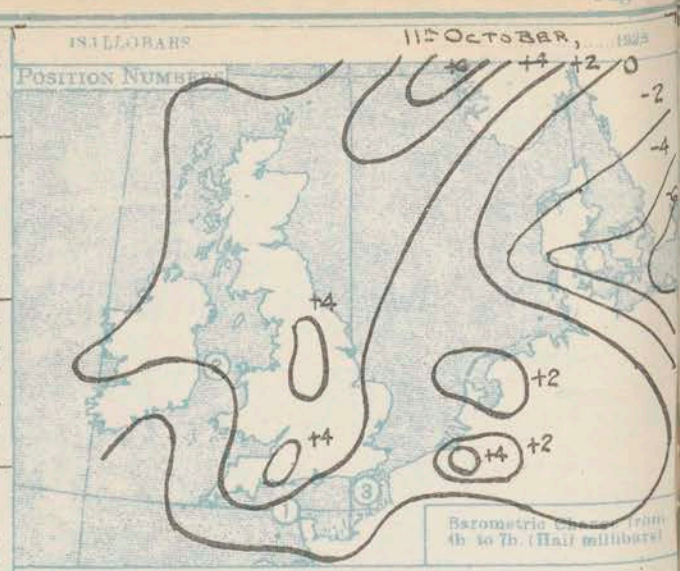
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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 4.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10h.	13h.-18h. 10h.	18h. 10h. to 1h. 11h.	1h.-7h. 11h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 11th. Hours.
Lerwick	c	gpr	cpr	bcp	51	41	•	3	2	<0800	<2100	2.0
Stornoway	p	p	p	cpkr	53	40	•	4	4	–	–	0.9
Wick	cpoq	ehroq	cprq	cpr	53	39	•	3	2	<0800	<2100	•
Castlebay	ombc	opbco	bc	bc	53	45	•	!	0.1	–	–	4.9
Nairn	cpbc	bciRc	irc	iRcg	53	39	•	2	4	11.00	<2100	4.5
Aberdeen	bbcb	bcpro	b	b	58	40	34	0.1	–	17.30	–	7.0
Malin Head	coir	iRco	PR bc	bcPR	54	45	•	3	1	<0800	<2100	0.0
Renfrew	oprflq	or PR	op	oirc	52	42	36	5	2	<0800	<2100	0.0
Edinburgh (Inchkeith)	o	p	c	bq	52	43	41	2	Trace	<0800	<2100	0.0
Leuchars	oiroq	oiboc	cbopb	bb	57	39	29	0.6	0.1	<0800	2200	0.2
Eskdalemuir	orr	orr ir	opcbr	opc	49	39	36	12	3	<0800	<2100	0.0
Tynemouth	q	cmq	bbcmq	bbc	56	43	40	–	–	–	–	•
Blacksod Point	c	c	r-d	p	56	42	•	–	1	–	–	•
Donaghadee	o	pq	oq	cp	56	41	•	Trace	1	15.30	0230	•
Birr Castle	ororo	coir	ocp ro	oc	53	44	40	3	1	<0800	<2100	0.0
Holyhead	roiro	oroo	oo	oo	54	50	43	2	–	<0800	–	0.0
Liverpool (Bidston)	po	r-d	orq		55	48	44	2	1	11.00	0230	0.0
Chester (Shotwick)	oroodo	oddrom	orcro	oo	55	43	45	1	0.2	0900	<2100	0.0
Spurn Head	o	oo	oopd	codo	54	47	•	–	0.3	–	2400	0.0
Birmingham (Edgbaston)	oro	orrr	orr	orrc	52	47	42	7	4	0900	<2100	0.0
Nottingham	roro	rorb	ro	oo	54	48	43	2	0.3	0900	<2100	0.0
Cranwell	iro	rorm	orbco	oo	53	45	40	1	0.5	0900	<2100	0.0
Gorleston	r	r-d	orr	oroc	54	43	46	7	5	1100	<2100	0.0
Valencia (Cahirciveen)	oro	oo	od	o	55	51	47	7	3	<0800	<2100	0.0
Roches Point	oddm	rorb	or	ro	58	50	•	4	1	<0800	<2100	•
Pembroke (St. Ann's H.)	odd	qqr	orr	c	58	49	•	2	3	–	<2100	0.0
Ross-on-Wye	poirod	orridq	idpcom	r occ	61	49	45	2	2	<0800	<2100	0.0
Leafield	r	r-d	r-d		59	?	45	5	4	1100	<2100	0.0
Andover	oddm	orrn	odmorr	orro	61	48	48	0.1	3	<0800	<2100	0.0
S. Farnborough	orom	oroodm	oro	odro	62	49	48	0.5	4	<0800	<2100	0.1
London (Kew Obsy.)	oomd	omdDrm	omoroop	orro	62	51	48	0.3	4	<0800	<2100	0.0
Croydon	oroodo	omdo	oidr	oroo	62	51	48	0.1	7	<0800	<2100	0.0
Clacton-on-Sea	ogpogr	ogrmd	ogmd	ogdrog	55	51	49	6	4	1100	<2100	0.0
Shoeburyness	oiro	oirddoid	oid	orrom	62	51	50	2	3	0900	<2100	0.0
Grain	oiro	oo	oor	rro	62	51	49	Trace	4	<0800	2400	0.0
Lympne	orofm	frogm	om	ormar	59	50	48	2	5	<0800	0330	0.0
Scilly (St. Mary's)	oifom	omid	om	omr	59	51	•	0.2	3	<0800	2400	0.0
Falmouth (Pendennis)	omd	omdq	omdq	omrr	59	51	•	1	6	<0800	<2100	0.0
Plymouth (Cattewater)	oddm	oddm	orr	or	59	51	45	1	5	<0800	<2100	0.0
Portland Bill	r	r-d	r-d	r-d	60	52	•	1	5	<0800	<2100	•
Southampton (Calshot)	odd	oddqm	odqDD	odoqr	60	51	50	2	2	<0800	<2100	0.0
Dungeness	dd	droro	qdd	r-d	59	52	•	3	4	<0800	<2100	•
Guernsey	om	omndo	odo	omdd	60	53	•	0.2	3	1330	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility
2	10th 1000	SCOTIA	SSW	4	∞	55	55	7
3	11th 0220	ARUNDEL	WSW	6	R	58	59	7

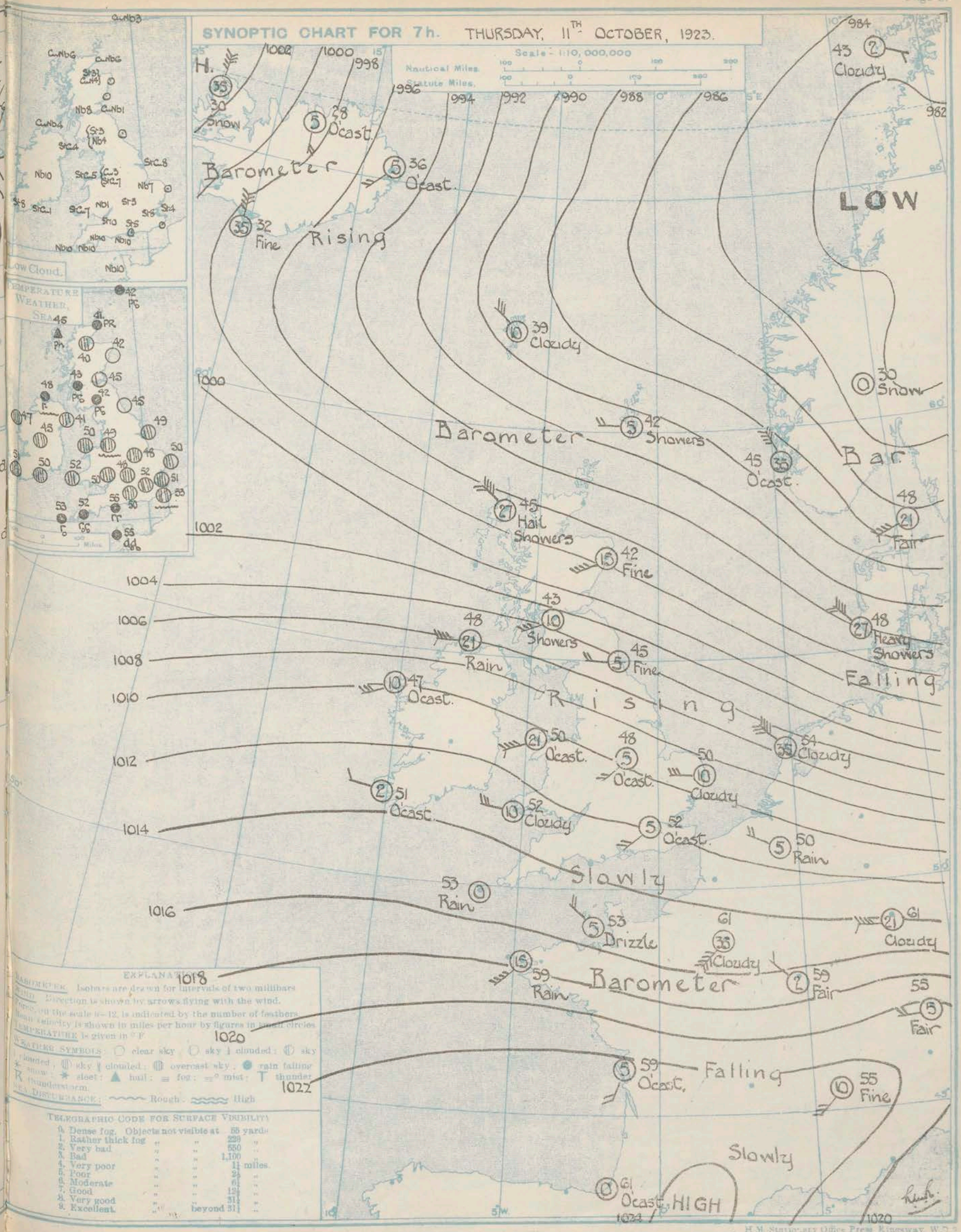
GENERAL INFERENCE.

A large depression is centred over Scandinavia while an anticyclone extends from the Azores to Southern France. Secondary depressions are indicated near the mouth of the Channel and northwest of Ireland. The weather is likely to remain very unsettled with westerly winds of varying strength.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 11th October, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽ 3. E. Midlands 4. W. Midlands	Light or moderate W. to SW. winds, stronger later; mainly cloudy, some rain; visibility poor at times; mild.	Unsettled. ----------
5. S.W. England ▽ 6. South Wales ▽	Wind between W. and NW., backing to SW., fresh at times; mainly cloudy, some rain; visibility poor at times; mild.	
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 W. to SW., strong at times; cloudy, some rain; visibility mainly good; mild.	▽ South Cone still flying. -------
17. N.W. Ireland ▽ 18. N.E. Ireland ▽	As 7 - 10.	
19. S.E. Ireland ▽ 20. S.W. Ireland ▽	As 5 - 6.	

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Thursday, 11th October 1923. No. 284

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 Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	989.1	+1	NW	2	bc	43	85	7	4000	CuNb	1	A.St	4
Stornoway	51	995.7	+2	W	4	PH	•	•	5	•	•	•	•	•
Wick	91	991.8	+1	W	3	bcp	40	92	8	2500	CuNb	6	-	6
Castlebay	27	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	~~993.7~~ 1003.7	+3	W	6	bcPR	48	75	8	5700	Nb	4	-	4
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	998.4	+1	WSW	6	bjr	47	75	8	-	-	0	-	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1001.9	+1	W	3	bc	48	85	6	1500	CuNb	3	A.St	4
Blacksod Point	10	1008.9	+2	NW	5	bc-	48	65	7	*	*	*	*	6
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1007.8	+1	W'S	6	o	54	~~97~~ 75	~~7~~ 8	2500	St.Cu	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1004.2	+1	WSW	5	od₀	51	92	7	2500	St	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1007.0	0	WSW	4	o	51	92	7	2500	StCu	7	A.St	9
Gorleston	13	1007.7	0	WSW	3	or₀	51	92	7	2500	Nb	10	-	10
Valencia (Cahirciveen)	30	1012.3	0	W	3	o/r	52	92	8	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1012.0	0	WSW	5	orr	53	85	7	2500	Nb	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	54	•	•	•	•	•	•	•
Croydon	244	1010.5	+2	NW	2	orr	53	92	6	800	Nb	10	-	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1010.0	-1	WNW	3	o	53	92	6	800	St	10	-	10
Scilly (St. Mary's)	131	1014.8	-1	W'S	7	or₀r₀	58	97	6	1500	St	10	-	10
Falmouth (Pendennis)	200	1013.8	-1	W	4	or₀r₀	59	97	6	1500	St	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1011.0	-2	W	5	orr	56	92	6	1500	Nb	10	-	10
Southampton (Ca.shot)	12	1011.2	0	W'N	3	oD-	55	97	7	800	~~St~~ Nb	10	-	10
Dungeness	21	1010.0	+1	W	5	oD	58	97	6	4000	Nb	10	-	10
Guernsey		1015.9	-2	W	7	o/r	59	97	4	1500	St	10	-	10

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	Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	991.0	+1	W	2	bcpr	42	85	8	4000	CuNb	3	Ci	4	1
Stornoway	997.3	+5	NW	6	bcph	45	85	7	4000	CuNb	6	-	6	5
Wick	994.6	+3	WNW	4	cPR	41	92	8	2500	CuNb	6	Ci	8	3
Castlebay	1003.5	+5	W	5	bc	47	85	8	2500	Cu	4	-	4	5
Nairn	999.6	•	W	2	c/r	40	92	8	1500	CuNb	7	-	7	•
Aberdeen	997.0	+3	WSW	4	b	42	75	8	-	-	0	-	0	0
Malin Head	1006.2	+2	W'N	5	bcPR	48	75	8	5700	CuNb	4	-	4	6
Renfrew	1004.4	+3	WSW	3	cpr₀	43	92	7	1500	Nb	8	-	8	•
Edinburgh (Inchkeith)	1000.6	+1	WSW	6	b	45	85	8	-	CuNb	1	-	1	4
Leuchars	1000.5	+3	W	5	b	42	75	8	-	-	0	-	0	•
Eskdalemuir	1005.1	+3	W	5	cpr₀	42	85	8	1500	Nb	7	-	7	•
Tynemouth	1003.8	+3	W	2	b-	45	85	7	-	-	0	-	0	1
Blacksod Point	1010.7	+1	SW'W	3	o	47	75	9	*	*	*	*	10	4
Donaghadee	1008.8	+3	W	2	c-	41	92	8	1500	StCu	4	A.St	7	2
Birr Castle	1011.8	•	W	1	o+	45	92	6	2500	Nb	10	-	10	•
Holyhead	1010.8	+3	W'S	5	o	50	75	8	1500	St.Cu	5	A.St	10	4
Liverpool (Bidston)	1009.1	+2	W	6	o/r	49	75	8	2500	StCu	10	-	10	6
Chester (Shotwick)	1009.4	+4	W'N	5	ojp	49	75	7	1500	St	6	Ci.St	10	•
Spurn Head	1007.5	+3	W	5	c	49	92	7	4000	StCu	8	-	8	4
Birmingham (Edgbaston)	1010.7	+2	WSW	4	c/r	48	85	7	-	-	0	A.St	8	•
Nottingham	1009.2	+4	SW	2	o	48	85	6	1500	Nb	7	Ci.St	10	•
Cranwell	1008.8	+2	W'N	3	o	46	97	7	4000	StCu	9	-	9	•
Gorleston	1008.8	+1	W	3	c-	50	85	6	-	-	0	A.Cu	8	1
Valencia (Cahirciveen)	1013.5	+1	WNW	1	o	51	85	7	2500	St	8	A.St	10	3
Roches Point	1013.8	0	WNW	1	o	50	92	8	2500	StCu	1	A.St	9	0
Pembroke (St. Ann's H.)	1012.6	+1	WNW	3	c	52	85	8	2500	StCu	7	-	7	5
Ross-on-Wye	1011.5	+2	W'S	2	o	50	75	8	2500	Nb	1	A.St	10	•
Leafield	1011.6	+3	W	3	o/r	48	92	6	<150	St	3	A.St	10	•
Andover	1013.0	+1	SW'W	3	o/r	51	97	8	800	St	10	-	10	•
S. Farnborough	1012.0	+2	WSW	2	o	50	97	6	1500	St	5	A.St	10	•
London (Kew Obsy.)	1012.0	+2	SW	2	o/r	52	92	7	2500	St	8	A.Cu	10	•
Croydon	1011.8	+2	WSW	4	o	51	92	7	-	-	0	A.St	10	•
Clacton-on-Sea	1010.0	+4	W	3	o	51	92	7	1500	St	4	A.Cu	9	1
Shoeburyness	1011.4	+1	NW	1	mmo	52	85	6	2500	StCu	7	A.St	10	•
Grain	1011.2	+2	WSW	4	o	52	92	7	2500	St	6	A.St	10	0
Lympne	1011.7	+3	WNW	3	or₀r₀	50	97	7	1500	Nb	8	A.St	10	•
Scilly (St. Mary's)	1014.8	0	-	0	or₀	53	97	6	4000	Nb	10	-	10	3
Falmouth (Pendennis)	1014.4	+1	W	2	or₀r₀	52	97	7	5700	Nb	10	-	10	0
Plymouth (Cattewater)	1015.1	+2	-	0	orr	52	92	7	<150	Nb	10	-	10	0
Portland Bill	1012.4	+4	NW	4	orr	55	75	6	2500	Nb	10	-	10	5
Southampton (Ca.shot)	1013.5	+2	SW	3	or₀r₀	51	92	8	-	-	0	A.St	10	0
Dungeness	1011.5	+2	W	4	o/r	53	92	8	-	-	0	A.St	10	6
Guernsey	1015.6	+1	NW'N	2	odd₀₀	53	97	5	1500	Nb	10	-	10	0

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

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	er₀bc	bcbbc	46	55	-	0.1	4.3	9.1
Berwick-on-Tweed	3ccv	po₀r₀d30	47	~~51~~ 54	-	0.3	1.6	7.8
Llandudno	ro	r	52	55	0.4	1	0.0	3.7
Colwyn Bay	cr	cr	51	55	?	2	0.0	2.9
Rhyl	op	opo	52	56	0.3	-	0.0	5.6
Southport	ro	rr	52	54	0.5	1	0.0	2.4
Blackpool	or	do	52	53	1	2	0.0	0.9
Ilkley	omd₀	mod₀	48	56	1	0.1	0.2	5.8
Harrogate	c	co	47	55	-	-	1.6	7.2
Skegness	o	odr	47	55	-	1	0.0	6.1
Aberystwyth	ror	o	52	55	1	4	0.0	1.4
Bath	oa	rod	52	63	Trace	0.3	0.0	4.7
Leamington Spa	or	or	47	54	-	5	0.0	6.7
Lowestoft	[illegible]	[illegible]	45	53	-	1	0.0	5.8
Felixstowe	omr	o-r	51	~~[illegible]~~ 62	-	4	0.0	5.1
Southend	o	om	50	60	0.2	2	0.0	2.6
Ilfracombe	od	od	54	60	4	1	0.0	4.2
Bude	o	d	55	60	3	0.3	0.0	~~0.2~~
Paignton	odqmf	odqpdq	53	61	1	Trace	0.0	6.5
Torquay	dom	dom	55	61	0.4	-	0.1	6.4
Weymouth	do	o	54	62	1	0.2	0.0	5.5
Bournemouth	o	o	52	60	2	1	0.0	4.5
Portsmouth (S'thsea)	rodf	do	54	61	3	1	0.0	4.1
Littlehampton	ocpr	ocp	51	60	2	1	0.0	4.3
Worthing	dr	o	51	59	2	2	0.0	3.8
Brighton	rdro	rddo	53	61	2	2	0.0	3.5
Eastbourne	r	do	53	61	1	3	0.0	3.2
Hastings	[illegible]	ooos	50	59	2	2	0.0	2.2
Folkestone	[illegible]	[illegible]	51	64	1	1	0.0	~~5.5~~ 2.5
Dover	ois	[illegible]	50	60	1	1	0.0	2.5
Tunbridge Wells	oro	o	50	60	1	1	0.0	3.7
Ramsgate	oz	[illegible]	51	[illegible]	-	1	0.0	[illegible]
Margate	oor	o.o	52	61	-	1	0.0	3.3
Deal	os	[illegible]	51	61	-	1	0.0	[illegible]

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. No. B. 22604 FRIDAY, 12TH OCTOBER 1923.

Observations at 1300 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	993·2	+1	W	4	bc	46	75	8	4000	Cu	4	-	4	*
Stornoway	1000·8	+3	NW	4	bc-	48	75	7	4000	Cu	4	A.Cu	6	*
Wick	997·8	+2	WNW	6	bcph	45	75	8	2500	CuNb	5	-	5	*
Castlebay	1004·5	+0	W	4	bc	48	85	8	2500	Cu	4	-	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001·8	+3	WSW	4	b	49	65	8	2500	Cu	1	-	1	0
Malin Head	1006·8	0	W	5	bcPR	52	75	8	5700	CuNb	3	A.Cu	5	*
Renfrew	1006·3	0	W	5	c+	53	85	8	2500	StCu	5	A.St	8	1
Edinburgh (Inchkeith)	1003·8	+3	W	6	b	50	65	8	*	Cu	1	-	1	*
Lauchars	1003·3	+2	W	6	b	52	55	8	4000	Cu	1	-	1	0
Eskdalemuir	1006·9	+2	W	5	bc	49	55	8	2500	Cu	5	-	5	1
Tynemouth	1006·8	+3	W	3	b+	53	65	7	4000	Cu	3	-	3	*
Blacksod Point	1009·5	0	W	4	bc-	54	65	9	*	*	*	*	6	*
Donaghadee	1009·6	0	W	3	b-	53	65	8	1500	Cu	3	-	3	*
Birr Castle	1012·1	*	S	1	c-	52	75	8	4000	St.Cu	7	-	7	*
Holyhead	1011·5	-1	W'S	4	0	52	65	8	2500	Cu	3	CuSt	9	0
Liverpool (Bidston)	1010·8	+1	W	5	c-	50	65	8	2500	CuNb	4	CuSt	7	*
Chester (Shotwick)	1011·3	+1	WNW	4	0	53	65	8	2500	St	3	A.St	10	5
Spurn Head	1009·6	0	W	4	0+	51	92	6	-	-	0	A.St	10	*
Birmingham (Edgbaston)	1011·6	+1	~~S~~W	4	0	51	65	7	4000	Cu	1	A.St	10	2
Nottingham	1010·7	+1	WNW	4	0	52	65	6	2500	St.Cu	2	A.St	10	*
Cranwell	1011·3	0	W	3	0	52	85	8	2500	St.	4	A.St	10	1
Gorleston	1011·1	+1	W	3	0+	53	65	6	2500	Nb	4	A.St	10	*
Valencia (Cahirciveen)	1013·0	-2	S	1	mo	53	85	6	1500	St.	8	A.St	10	2
Roches Point	1012·6	-1	W	1	0	52	92	8	2500	St.Cu	5	A.St	10	*
Pembroke (St. Ann's H.)	1013·4	0	WNW	2	or-	53	75	8	2500	Nb	10	-	10	*
Ross-on-Wye	1012·2	-1	W	2	0	53	75	9	4000	St.Cu	8	A.St	10	1
Leafield	1012·6	-2	W	3	c	52	85	6	*	St	6	A.Cu	8	*
Andover	1013·2	+1	SW'W	3	or	52	92	7	1500	St.	10	-	10	2
S. Farnborough	1013·0	0	WSW	3	or	53	97	7	800	Nb	10	-	10	2
London (Kew Obsy.)	1012·6	-2	SW	2	0	55	85	7	2500	Nb	2	A.St	10	2
Croydon	1012·9	-1	W'S	3	0/r	53	85	7	1500	St.	7	A.St	10	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012·7	+1	W'S	2	mmo	55	75	6	2500	Cu	1	A.St	10	*
Grain	1012·6	0	WSW	4	0	55	75	8	4000	St	10	-	10	0
Lympne	1013·3	-3	W'N	3	or	52	97	7	450	Nb	7	A.St	10	1
Scilly (St. Mary's)	1014·7	0	-	0	or	53	97	6	4000	Nb	10	-	10	*
Falmouth (Pendennis)	1013·6	-2	-	0	odd	52	97	6	2500	St.	10	-	10	*
Plymouth (Cattewater)	1013·9	-2	-	0	orr	55	97	6	2150	Nb	10	-	10	2
Portland Bill	1013·2	-2	W	4	or	55	85	6	2500	Nb	10	-	10	*
Southampton (Calshot)	1013·5	-2	WSW	3	orr	54	92	8	1500	Nb	6	A.St	10	1
Dungeness	1013·1	-3	W	3	or	53	97	6	1500	St.	10	-	10	*
Guernsey	1014·9	-3	-	0	0+	53	97	3	450	St.	10	-	10	*

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	State of ground
Lerwick	994·2	+3	W	6	cpr	45	85	7	4000	CuNb	4	ASt	7	5
Stornoway	1000·2	+2	SW	3	opr	44	92	6	450	St	10	-	10	3
Wick	998·9	+1	WNW	2	bc/h	40	92	8	2500	CuNb	3	CuSt	5	0
Castlebay	1000·7	-4	WNW	4	PR	47	97	8	800	Nb	10	-	10	4
Nairn	1001·3	*	W	1	bc-	42	85	8	4000	Cu	5	-	5	*
Aberdeen	1002·7	+1	W	2	b	44	75	7	4000	StCu	1	-	1	0
Malin Head	1004·1	-3	SW'W	5	bc	49	75	8	5700	StCu	4	-	4	5
Renfrew	1005·6	-2	SW	2	bcr	45	85	7	1500	St	6	-	6	*
Edinburgh (Inchkeith)	1003·6	+0	WSW	5	b	47	85	7	*	St	3	-	3	3
Lauchars	1003·7	+1	W	3	b-	43	75	8	4000	Cu	1	-	1	*
Eskdalemuir	1007·3	0	WSW	2	c/r	41	85	7	2500	StCu	6	CuSt	7	*
Tynemouth	1007·4	+2	W	1	b-	47	75	6	-	-	0	-	0	1
Blacksod Point	1006·5	-2	W	5	bPR+	50	85	6	*	*	*	*	10	3
Donaghadee	1008·4	-1	SW	2	b-	46	85	8	800	Cu	2	-	2	0
Birr Castle	1009·4	*	WSW	2	bc-	48	85	8	2500	Cu	2	Cu	5	*
Holyhead	1009·7	-3	SW'S	3	bc	50	75	8	2500	Cu	6	-	6	1
Liverpool (Bidston)	1009·5	-1	W'S	2	b-	47	75	7	2500	StCu	3	-	3	3
Chester (Shotwick)	1010·2	-0	SW	3	b-	46	85	6	2500	St	2	Cu	3	*
Spurn Head	1009·6	0	SW	4	bc-	49	92	7	*	-	0	Cu	4	2
Birmingham (Edgbaston)	1010·9	-1	W	2	c	47	75	6	-	-	0	ASt	5	*
Nottingham	1010·4	-1	W	1	c	46	75	6	2500	StCu	4	CuSt	7	*
Cranwell	1011·0	0	WSW	2	c	45	97	7	2500	St	5	ASt	7	*
Gorleston	1011·5	0	WSW	1	bc-	48	75	6	2500	St	5	-	5	0
Valencia (Cahirciveen)	1010·5	-2	SW'W	3	c	52	92	7	1500	St	7	ACu	8	4
Roches Point	1010·8	-2	WSW	2	c-	51	92	8	2500	StCu	2	ASt	8	0
Pembroke (St. Ann's H.)	1011·8	-1	W	3	c	52	85	8	4000	StCu	7	-	7	5
Ross-on-Wye	1011·2	-2	-	0	o-	50	75	9	2500	St	8	ASt	9	*
Leafield	1012·2	-1	SW	2	o+	49	97	?	4000	St	10	-	10	*
Andover	1011·3	-2	-	0	o/r	50	97	7	1500	St	10	-	10	*
S. Farnborough	1011·7	-2	WSW	2	o/r	49	97	7	1500	StCu	10	-	10	*
London (Kew Obsy.)	1011·8	-1	WSW	1	o/r	52	85	5	5700	StCu	4	ASt	10	*
Croydon	1011·9	-1	SW'S	2	o/r	49	92	6	4000	St	7	ASt	10	*
Clacton-on-Sea	1011·6	-1	WSW	2	0	53	85	4	1500	Cu	2	ASt	10	0
Shoeburyness	1011·7	-1	WSW	1	o/r	52	85	6	2500	StCu	8	ASt	10	*
Grain	1011·7	-1	SW	3	o/r	51	92	6	1500	St	10	-	10	0
Lympne	1012·5	-0	WSW	1	or	48	97	6	450	Nb	10	-	10	*
Scilly (St. Mary's)	1012·7	-2	-	0	or	52	97	6	4000	Nb	10	-	10	2
Falmouth (Pendennis)	1011·9	-1	-	0	orr	52	97	7	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1012·2	-2	-	0	o-	54	97	5	4150	St	10	-	10	0
Portland Bill	1013·2	0	W	3	orr	53	92	6	2500	Nb	10	-	10	4
Southampton (Calshot)	1012·1	-2	WSW	1	or	51	97	8	1500	St	6	ASt	10	0
Dungeness	1012·4	-2	W	1	or	51	97	6	2500	St	10	-	10	4
Guernsey	1013·0	-2	NE	1	odd	53	97	3	450	St	10	-	10	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.	Humidity. 15h. G.M.T. %	Humidity. 21h. G.M.T. %
		24 HOURS ENDED 0900 G.M.T. 12th								YESTERDAY.	TO-DAY.	
Kew	18	00	or m	omom	*	*	48	0.1	0.5	0.0	*	*
Croydon } 24 hours ended 0700	244	or	orr m	omo	*	*	44	1	0.5	0.0	*	*
Greenwich (Royal Obsy.)	149	0	or	or	55	48	49	1	11	0.0	90	99
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	55	50	48	1.1		0.0	84	93
Regent's Pk. (Botanic Gdns.)	—	*	*	*	*	*	*	*	*	0.0	*	*
Camden Square	110	0	oor o	*	55	50	49	4	10	*	*	94
Kensington Palace	80	0	or	*	55	50	49	0.2	10	*	At 18h 100	
Hampstead Observatory	450	*	*	*	53	48	45	4	10	0.0	98	99

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 11th

South Kensington Max.	Time.	Min.	Time.
1.0	9h. 11th	0.3	22h. 10th
0.6	22h. 10th		

Kew Observatory Max.	Time.	Min.	Time.
0.4	18h 10th	0.3	1h 11th
0.5	9h 11th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 18h 30m to 12th 05h 15m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	10.45	0.0	Nil
δ Ursæ Minoris	10.45	0.0	Nil

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per 4 sec.	Strength.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

12th & 13th OCTOBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.15 / 6.17	11.40 / 11.39	5.4 / 5.1
Greenwich	6.21 / 6.22	11.47 / 11.46	5.13 / 5.10
Wick	6.44 / 6.45	11.53 / 11.53	5.14 / 5.11
Valencia	7.2 / 7.4	12.25 / 12.27	5.53 / 5.50

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

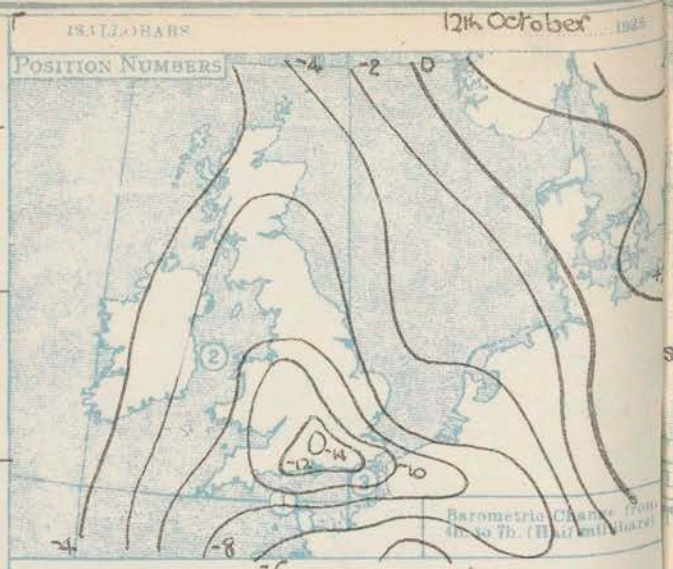
SEA DISTURBANCE.

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

* For explanation see Introduction.
* Information for 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. 11.15	Weather. 18h.-18h. 11.15	Weather. 18h. 11.15 to 1h. 12.15	Weather. 1h.-7h. 12.15	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. 11.15 Hours.
Lerwick	bcp	cpr	bcq	c	44	42	•	1	0.2	<0800	03.30	4.8
Stornoway	p	p	c	b	43	39	•	4	1.4	–	–	0.0
Wick	bcrhp	bcrhp	bbc	b	46	37	•	1	–	<0800	–	•
Castlebay	bcpbc	bcopP	OP	opc	51	45	•	3	5	–	–	5.9
Nairn	opbc	bcpg	bg	d	43	39	•	1	1	11.00	22.00	6.0
Aberdeen	bbq	bqb	b	bbc	50	39	28	–	–	–	–	3.3
Malin Head	bcPR	pobc	bcir	corir	52	45	•	0.4	2	<0800	22.00	6.5
Renfrew	cobc	cbcvb	oo	obo	53	43	36	0.1	0.6	<0800	04.30	4.6
Edinburgh (Inchkeith)	b	b	bcb	c	51	43	43	–	Trace	–	24.00	3.1
Leuchars	bbqy	b-bc	bb	borc	53	38	21	–	0.5	–	05.30	9.9
Eskdalemuir	opocqy	bcopc	cjpbc	bccor	50	33	28	0.2	1	<0800	04.30	8.5
Tynemouth	bbc	b-bc	bbc	bbc	55	41	38	–	–	–	–	•
Blacksod Point	c	p	b	b	55	42	•	0.5	3	–	–	•
Donaghadee	bc	bc	bc	c	54	41	•	0.4	–	14.30	–	•
Birr Castle	co	cobc	cpr	cobr	54	43	35	–	0.6	–	–	4.4
Holyhead	oo	ocbc	bcobo	cpro	54	49	45	–	Trace	–	04.30	3.2
Liverpool (Bidston)	ocq	b-bc	o	o	53	42	35	–	–	–	–	2.9
Chester (Shotwick)	oid:o	occ	bbom	cuoom	54	34	27	Trace	–	<0800	–	2.2
Spurn Head	c	ocbc	bbc	bcobo	53	41	•	–	–	–	–	0.1
Birmingham (Edgbaston)	oo	oo	co	bco	52	43	35	–	Trace	–	06.30	0.2
Nottingham	oo	c	cbom	omrl	50	34	29	–	–	–	–	0.5
Cranwell	oo	oc	bx	mbbco	52	34	26	–	–	–	–	0.4
Gorleston	co	ocbcz	o	oFf	53	45	41	–	–	–	–	0.0
Valencia (Cahirciveen)	opom	opc	ovb	obo	53	49	44	1	1	11.00	<2100	0.0
Roches Point	ro0	dc	oco	o	54	49	•	1	–	0900	–	•
Pembroke (St. Ann's H.)	opo	c	ov	orr	54	49	•	0.3	8	<0800	04.30	0.0
Ross-on-Wye	ov	ov	ojom	ogor	55	46	42	–	2	–	05.30	0.0
Leafield	c	oo	r-m	r-m	59	43	45	–	0.1	–	06.30	0.0
Andover	oor	orro	oo	oorm	53	49	43	3	10	11.00	03.30	0.0
S. Farnborough	oir	rrir	om	orrm	53	48	43	2	7	<0800	01.30	0.0
London (Kew Obsy.)	oo	oiom	omom	[illegible]	55	50	48	0.1	3	14.30	03.30	0.0
Croydon	or	oroom	omo	orrm	54	49	47	1	5	11.00	04.30	0.0
Clacton-on-Sea	og	ogm	ogm	ogr	54	50	48	–	0.4	–	06.30	0.0
Shoeburyness	oo	r-d	o	orrc	53	49	48	0.2	3	14.30	02.30	0.0
Grain	oo	ocrro	oiro	orrmo	55	49	43	1	3	14.30	05.30	0.0
Lympne	oro	oiro	omr	ormg	50	47	45	5	8	<0800	03.30	0.0
Scilly (St. Mary's)	omr	omr	omr	omrq	54	52	•	7	27	<0800	<2100	0.0
Falmouth (Pendennis)	oromd	omoor	orr	oromr	53	51	•	5	26	<0800	<21.00	0.0
Plymouth (Cattewater)	orr	orr	ord	orrm	55	50	44	4	23	<0800	<21.00	0.0
Portland Bill	r-d	r-m	r-d.	r-d	56	53	•	5	11	<0800	<2100	•
Southampton (Calshot)	orr	orrro	odd	odrrm	54	51	50	4	10	<0800	<2100	0.0
Dungeness	or	orr	on	rr	54	50	•	5	7	12.30	<2100	•
Guernsey	omdod	omodo	pmorr	ocoq	53	52	•	15	10	<0800	<2100	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	11th 10h	Scoria	NNW	4	c	51	54	7
1	11th 12h	Ibex	W	3	orr	53	58	5
3	12th 2h	Brighton	NNE	2	orr	54	58	6

GENERAL INFERENCE.

There is a depression over the Hebrides and a secondary over S.W. England. The secondary is likely to move east and become deeper causing a severe westerly gale in the Channel. Rain is probable today in all districts but later on the winds will become northerly and the weather finer and colder.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Friday, 12th October, 1923.
1. S.E. England ▽	Southerly wind veering to NW. or N. later, fresh to strong, a gale on the south coast; dull, rainy, improving later; visibility poor at times; mild today, colder later.
2. E. England ▽	
3. E. Midlands	Southerly wind, veering to NW. or N. later, fresh to strong; dull, rainy, improving later; visibility poor at times; mild today, colder later.
4. W. Midlands	
5. S.W. England ▽	Wind indefinite at first, becoming northerly, fresh to strong later; much cloud and rain, improving later; visibility poor at times; mild then colder.
6. South Wales △	
7. North Wales △	Fresh to strong northerly winds; much cloud and rain, improving later; visibility moderate to good; colder.
8. N.W. England △	
9. N. Midlands	Wind indefinite, light or moderate, becoming northerly, fresh to strong later; much cloud and rain; visibility poor at times; colder.
10. N.E. England	
11. E. Scotland	Light S. to S.W. winds today, freshening northerly wind tomorrow; much cloud and rain; visibility poor at times; becoming rather colder.
12. S.W. Scotland △	
13. Isle of Man △	
14. N. & N.W. Scotland △	Wind indefinite, at first, becoming northerly, fresh to strong later; much cloud, some rain; visibility poor at times; rather cold.
15. Hebrides △	
16. Orkneys and Shetlands	
17. N.W. Ireland △	Wind northerly, fresh to strong; rain at first, fair periods later; visibility mainly good; colder than of late.
18. N.E. Ireland △	
19. S.E. Ireland △	
20. S.W. Ireland △	

Further Outlook.

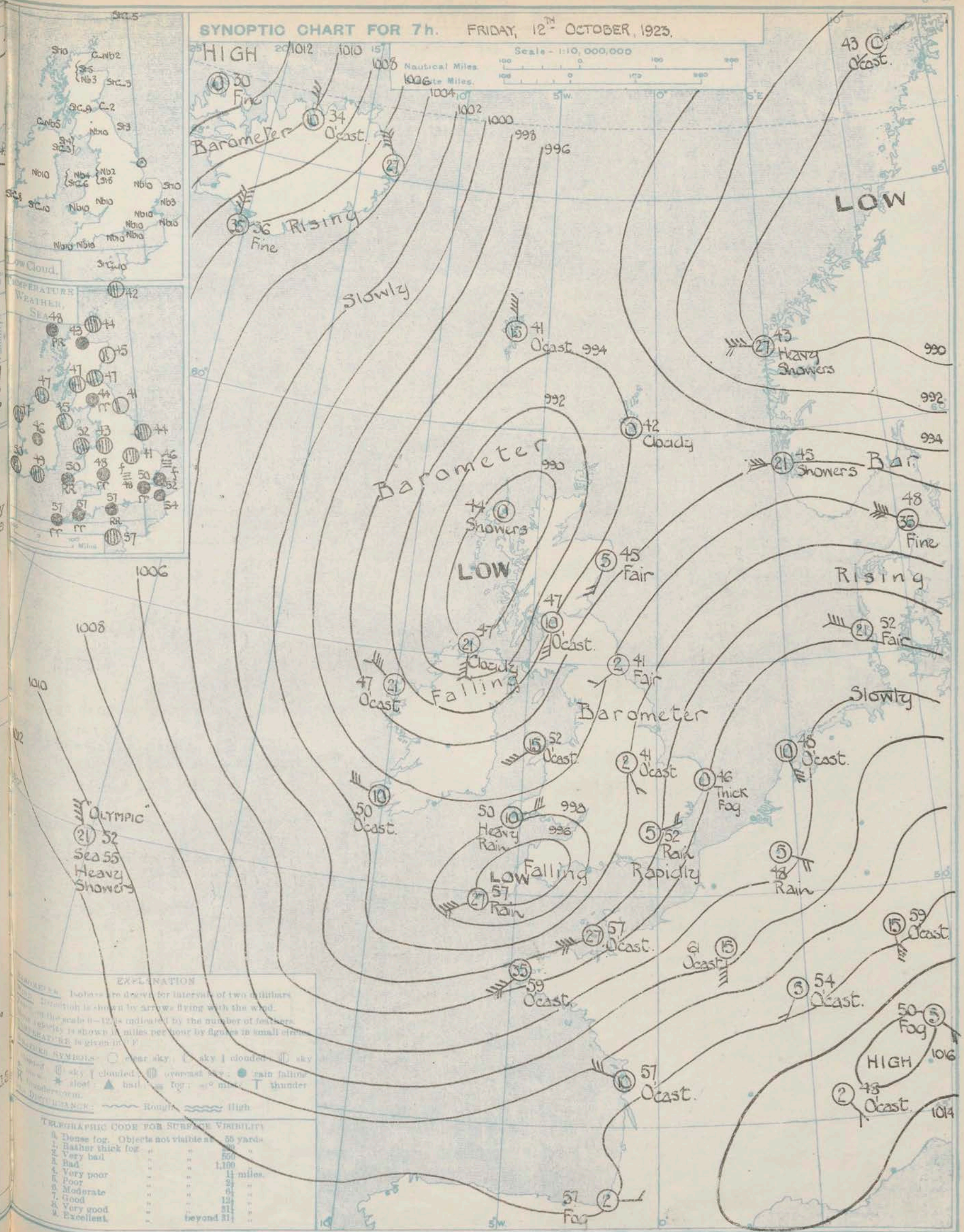
None issued.

▽ South Cone still flying.

△ North Cone hoisted 10.15 today.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0945. GMT. G. C. Simpson, F.R.S., Director.

† For Guide 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, 12TH OCTOBER 1923. No. 285

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	993.3	0	WNW	5	bc	44	85	7	4200	StCu	4	-	4
Stornoway	51	995.9	-5	-	0	0	.	.	5	.	.	.	.	.
Wick	81	993.8	-3	SW	1	b	39	92	8	-	-	0	CiSt	3
Castlebay	37	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	71	998.2	-6	S'E	4	b/r	48	85	9	5400	Nb	2	-	2
Renfrew	36	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	190	1000.5	-4	WSW	4	bc	47	75	8	-	-	0	ASt	4
Leuchars	36	.	.	.	.	.	.	.	.	.	.	.	.	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	118	1004.6	-3	SW	1	b	43	86	7	-	-	0	-	0
Blacksod Point ...	10	999.9	-4	SW	4	bc	49	85	7	-	-	-	-	6
Donaghadee	35	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	175	.	.	.	.	.	.	.	.	.	.	.	.	.
Holyhead	26	1005.3	-3	SW'S	4	c+	51	75	9	2500	StCu	8	-	8
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	26	1007.5	-3	WSW	3	b	42	97	7	-	-	0	-	0
Birmingham (Edgbaston)	525	.	.	.	.	.	.	.	.	.	.	.	.	.
Nottingham	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	237	1008.5	-3	SW'S	3	b	40	97	6	-	-	0	-	0
Gorleston	13	1010.2	-1	SW	1	~~0bc~~	45	92	6	2500	St	~~5~~ 10	-	~~5~~ 10
Valencia (Cahirciveen)	30	1005.0	-5	-	0	o+	52	85	9	-	St	10	-	10
Roches Point	32	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	149	1007.4	-4	WSW	3	o	52	85	9	4000	StCu	10	-	10
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.
Wrexfield	356	.	.	.	.	.	.	.	.	.	.	.	.	.
Andover	295	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	18	.	.	.	.	.	51	.	.	.	.	.	.	.
Croydon	244	1009.2	-5	SSW	2	0	50	92	7	1500	Nb	2	ASt	10
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	20	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	350	1009.6	-5	SW	2	0	48	97	7	2500	St	10	-	10
Scilly (St. Mary's) ...	131	1009.9	-5	ESE	3	orr	53	94	6	4000	Nb	10	-	10
Falmouth (Pendennis)	200	1004.3	-5	ESE	3	orr	52	97	8	5400	Nb	10	-	10
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	19	1008.0	-4	-	0	orr	53	92	7	2500	Nb	10	-	10
Southampton (Calshot)	12	1008.7	-4	SE	2	odd	52	92	7	1500	St	10	-	10
Dungeness	21	1010.3	-2	W	1	o	52	92	9	-	-	0	ASt	10
Guernsey	—	1009.2	-4	W'S	5	odd	58	94	2	800	Nb	10	-	10

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	994.8	-2	-	0	c	42	85	7	5400	StCu	5	ASt	7	0
Stornoway	989.0	-4	-	0	oFR	44	97	6	450	St	10	-	10	1
Wick	991.9	-5	SSW	1	0	44	97	8	2500	CuNb	2	ASt	10	0
Castlebay	988.5	-5	ESE	2	bc	47	85	8	2500	StCu	6	-	6	3
Nairn	991.1	.	-	0	cd	43	92	8	1500	St	8	-	8	.
Aberdeen	994.1	-5	SSW	2	bc	45	85	7	4000	StCu	3	Ci	4	0
Malin Head	993.4	-5	SSW	5	c/r	44	85	8	~~7200~~ 4000	CuNb	5	CiCu	8	5
Renfrew	993.6	-6	S	3	o/r	47	92	6	1500	StCu	9	ASt	10	.
Edinburgh (Inchkeith)	995.5	-6	SSW	2	c/r	47	85	8	-	Cu	2	Ci	8	1
Leuchars	994.6	-6	SSW	2	c/r	46	85	7	2500	StCu	5	Ci	7	.
Eskdalemuir	995.7	-6	SSE	4	orr	44	97	6	800	Nb	10	-	10	.
Tynemouth	997.0	-6	SW	1	bc+	41	92	6	1500	St	3	CiSt	5	0
Blacksod Point ...	995.9	-3	NW	5	o	47	75	7	-	-	-	-	10	4
Donaghadee	996.1	0	WSW	1	c+	45	92	8	800	St	7	-	7	2
Birr Castle	996.6	.	S	1	obr	46	97	6	1500	Nb	~~10~~ 9	-	~~10~~ 9	.
Holyhead	996.8	-8	SW'S	4	o	52	85	8	1500	StCu	10	-	10	-
Liverpool (Bidston) ...	997.6	-7	SSE	2	o	43	92	6	2500	St	10	-	10	2
Chester (Shotwick) ...	998.2	-10	SSE	3	o	43	97	6	5400	StCu	6	ASt	10	.
Spurn Head	1001.0	-5	SSW	3	o	44	92	6	-	-	0	ASt	10	2
Birmingham (Edgbaston)	1000.1	-8	S	3	orr	43	97	4	1500	Nb	10	-	10	.
Nottingham	999.9	-7	SSE	1	o	41	97	6	2500	Nb	10	-	10	.
Cranwell	1001.9	-8	SSE	2	o	41	97	6	4000	StCu	6	~~ASt~~	10	.
Gorleston	1003.7	-4	-	0	FFo	46	97	1	220	St	10	-	10	0
Valencia (Cahirciveen)	998.9	-3	WNW	3	o/r	50	75	8	1500	StCu	8	ASt	9	4
Roches Point	998.1	-5	WNW	1	o	49	92	8	4000	StCu	10	-	10	0
Pembroke (St. Ann's H.)	998.3	-7	ENE	3	oRR	50	97	7	1500	Nb	10	-	10	5
Ross-on-Wye	998.6	-10	SE	1	orr	48	97	5	800	Nb	10	-	10	.
Wrexfield	999.7	-14	S	2	fso	48	97	2	-	-	-	-	-	
Andover	999.3	-11	ESE	3	orr	50	97	5	450	Nb	10	-	10	.
S. Farnborough ...	999.8	-9	ESE	3	orr	50	97	5	800	Nb	10	-	10	.
London (Kew Obsy.) ...	1000.6	-9	E'N	2	orr	50	92	5	800	Nb	10	-	10	.
Croydon	1001.5	-8	SE'S	2	orr	50	97	6	800	St	10	-	10	.
Clacton-on-Sea ...	1002.9	-5	S	2	or+	52	85	6	1500	Nb	3	ASt	10	1
Shoeburyness	1001.6	-7	SE	3	orr	51	92	5	1500	St	10	-	10	.
Grain	1001.9	-10	ESE	3	oRR	50	97	5	800	St	10	-	10	0
Lympne	1001.8	-10	S'E	3	orrf	51	97	1	<150	Nb	10	-	10	.
Scilly (St. Mary's) ...	996.0	-8	SW	6	orr	57	97	6	4000	Nb	10	-	10	6
Falmouth (Pendennis)	995.6	-4	WSW	7	orr	57	97	6	4000	Nb	10	-	10	1
Plymouth (Cattewater)	996.8	-9	SW	7	orr	56	97	6	450	Nb	10	-	10	5
Portland Bill	999.9	-12	SW	7	oRR	54	92	6	2500	Nb	10	-	10	6
Southampton (Calshot)	999.7	-5	SSW	6	orr	57	97	6	220	Nb	10	-	10	3
Dungeness	1002.2	-2	SSW	2	orr	54	97	6	2500	Nb	10	-	10	3
Guernsey	1002.9	-6	W'S	6	o/r	57	92	8	2500	StCu	10	-	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11TH OCTOBER.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 19h.-11h. °F.	Temperature. Max. Day. 11h. °F.	Rainfall.† Night 17h.-9h. 10h.-11h. mm.	Rainfall.† Day 9h.-17h. 11h. mm.	Sunshine. Sunrise to 17h. 11h. hr.	Sunshine. Sunrise to Sunset. 10h. hr.
Montrose	bbc	bcb	40	54	0·2	-	9·5	4·3
Berwick-on-Tweed	prbv	bv	43	54	0·1	-	9·4	1·6
Llandudno	o	cbbc	49	55	-	-	2·5	0·0
Colwyn Bay ...								
Rhyl	c	cbc	49	54	0·4	-	2·6	0·0
Southport	ocbcb	bcb	47	54	0·3	-	4·6	0·0
Blackpool	c	cbc	50	54	1	-	4·1	0·0
Ilkley	orbc	bc	43	52	15	-	3·7	0·2
Harrogate	oc	cbcc	42	52	4	-	3·6	1·6
Skegness	-	-	46	52	1	-	0·2	0·0
Aberystwyth ...	roc	b	50	54	6	-	1·0	0·0
Bath	or	ro	51	55	4	1	0·0	0·0
Leamington Spa ...	cb	cbbc3	46	54	5	-	0·0	0·0
Lowestoft	o	o	49	54	7	-	0·0	0·0
Felixstowe	o	ogm	51	54	6	-	0·0	0·0
Southend	o	oro	50	55	4	3	0·0	0·0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 19h.-11h. °F.	Temperature. Max. Day. 11h. °F.	Rainfall.† Night 17h.-9h. 10h.-11h. mm.	Rainfall.† Day 9h.-17h. 11h. mm.	Sunshine. Sunrise to 17h. 11h. hr.	Sunshine. Sunrise to Sunset. 10h. hr.
Ilfracombe	odr	od	52	55	10	2	0·0	0·0
Bude	rr	rorod	48	60	7	5	0·0	0·0
Paignton	oraor	orm	52	55	4	3	0·0	0·0
Torquay	r	r	52	55	3	3	0·0	0·0
Weymouth	dr	r	51	56	5	6	0·0	0·0
Bournemouth ...	r	r	50	54	2	6	0·0	0·0
Portsmouth (S'thsea)	or	or	51	54	4	5	0·0	0·0
Littlehampton ...	oqp	or	51	55	3	4	0·0	0·0
Worthing	odro	odro	51	53	4	5	0·0	0·0
Brighton	r	r	52	55	4	5	0·0	0·0
Eastbourne	or	r	51	55	8	5	0·0	0·0
Hastings	mod	orm	51	54	4	4	0·0	0·0
Folkestone	or	or	50	53	6	3	0·0	0·0
Dover	oidoic	odirm	52	55	7	3	0·0	0·0
Tunbridge Wells ...	or	or	50	53	7	3	0·0	0·0
Ramsgate	od	dr	50	*	8	1	0·0	0·0
Margate	o	or	52	55	7	1	0·0	0·0
Deal	ror	r	51	56	7	3	0·0	0·0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22605 Saturday, 13th October 1923. Page 1.

Observations at 1800 G.M.T. 12th (first group of columns) | Observations at 1800 G.M.T. 12th (second group of columns)

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.	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	Sea. 0-9
Lerwick	994.2	0	W	1	b	50	75	8	5700	StCu	2	–	2	•	993.9	0	E	1	b	45	75	8	5700	StCu	1	ASt	3	0
Stornoway	987.8	-1	S	1	bc	49	75	7	4000	Cu	6	–	6	•	987.4	0	NE	6	o	46	97	7	800	St	10	–	10	5
Wick	999.6	-2	ESE	2	o/r	48	85	8	4000	Cu	4	ASt	9	•	987.1	-2	E	2	o	49	85	8	4000	Cu	4	ASt	10	0
Castlebay	984.3	-2	SE	4	bc	49	92	8	4000	Cu	6	–	6	•	985.2	+2	NE	4	oPR	52	92	8	1500	Nb	10	–	10	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	986.4	•	–	0	oBG	42	92	7	1500	Nb	10	–	10	•
Aberdeen	999.5	-4	SSW	3	bc	52	75	6	2500	Cu	5	-	5	0	988.9	-3	SW	2	or₀	46	92	6	1500	Nb	10	-	10	0
Malin Head	986.1	-4	WSW	6	cPR	46	92	8	4000	CuNb	7	–	7	•	982.2	-5	W'S	6	cPR	46	92	7	4000	Nb	8	–	8	6
Renfrew	989.1	-4	S	3	o/r	50	85	6	1500	Nb	9	–	9	2	986.4	-3	SE	2	o/r	43	92	6	1500	Nb	9	–	9	•
Edinburgh (Inchkeith)	983.6	-6	S	2	c	51	75	8	–	Cu	5	ASt	8	•	987.4	-2	WSW	3	o/r	48	75	7	–	CuNb	3	–	3	1
Leuchars	989.0	-5	S	3	c	51	75	7	4000	StCu	7	–	7	0	986.4	-3	–	0	o	43	97	7	4000	StCu	9	–	9	•
Eskdalemuir	990.7	-5	S'W	3	o/r	48	85	8	1500	StCu	9	–	9	2	987.6	-3	SW	3	b-	41	85	7	2500	StCu	1	–	1	•
Tynemouth	992.9	-6	S	1	o	49	85	5	1500	St	10	–	10	•	983.4	-3	W	1	o/r	46	92	4	1500	Nb	10	-	10	0
Blacksod Point	994.7	-2	W	5	o	54	75	8	•	•	•	•	10	•	993.1	-2	NW	6	o	48	75	8	•	•	•	•	10	6
Donaghadee	991.6	-3	SW'W	4	bc-	51	75	8	800	StCu	5	–	5	•	988.7	-2	W	4	bcr	43	85	8	800	StCu	5	–	5	3
Birr Castle	995.1	*	SW	2	c-	51	65	8	4000	StCu	7	–	7	•	993.9	*	W	3	cr	45	75	~~8~~ 7	2500	Cu	8	–	8	•
Holyhead	992.4	-3	W	5	c	52	75	8	2500	Cu	7	–	7	2	991.5	-1	WSW	6	bc	49	75	8	4000	Cu	6	–	6	4
Liverpool (Bidston)	~~992.4~~ 991.4	-5	SE	1	opr₀	50	85	6	1500	Nb	10	–	10	•	990.7	+0	W	5	bc/r	48	75	8	2500	Cu	2	ASt	4	5
Chester (Shotwick)	991.9	-7	SE	2	or₀f	50	92	5	2500	Nb	7	ASt	10	1	991.0	0	W	5	b	47	75	7	2500	StCu	3	–	3	•
Spurn Head	991.3	-5	ESE	3	or₀r₀	48	97	7	2500	St	10	–	10	•	989.0	-3	W'S	2	o	49	97	7	2500	St	10	–	10	1
Birmingham (Edgbaston)	993.3	-6	E	2	or₀r₀	48	97	4	1500	Nb	10	–	10	2	991.9	~~-5~~ +1	WSW	4	bc/r	47	85	6	2500	CuNb	5	–	5	•
Nottingham	991.3	-10	E	2	or₀r₀	48	97	6	1500	St	10	–	10	•	990.7	0	WNW	3	or	48	92	5	1500	Nb	10	–	10	•
Cranwell	992.0	-12	NE'N	2	orr	47	97	5	800	Nb	10	–	10	2	990.5	+0	WSW	2	or	46	97	6	800	St	10	–	10	•
Gorleston	990.[illegible]	-3	S'W	5	or-	55	92	6	2500	Nb	10	–	10	•	989.1	-1	NW'N	3	o/r	48	97	6	4000	Nb	10	–	10	1
Valencia (Cahirciveen)	997.7	+1	WNW	5	b+	51	65	9	2500	Cu	3	–	3	1	1000.2	0	WNW	5	bc	50	65	9	2500	StCu	5	–	5	4
Roches Point	996.8	-2	NW	4	bc-	52	75	8	4000	Cu	4	–	4	•	997.6	+1	NW	3	b-	47	85	8	4000	StCu	1	–	1	0
Pembroke (St. Ann's H.)	995.2	-1	WNW	4	c	51	75	8	4000	StCu	7	–	7	*	996.6	+1	NW	6	c	51	65	8	4000	StCu	7	–	7	5
Ross-on-Wye	992.6	-3	NW	1	or-	50	97	7	1500	Nb	10	–	10	2	995.6	+2	W	3	b-	47	75	9	4000	CuNb	1	–	1	•
Leafield	991.5	-3	NNW	3	orr	48	97	4	1500	St	10	–	10	*	993.1	+2	W	1	bc/r	46	97	4	4000	CuNb	3	ACu	4	•
Andover	990.2	-5	SW'S	6	orr	~~45~~ 57	97	~~5~~ 85	450	Nb	10	–	10	2	993.7	+5	W	4	b-	49	92	8	800	StCu	2	–	2	•
S. Farnborough	990.3	-8	SSW	6	orr	57	97	5	450	Nb	10	–	10	2	993.3	+4	NW	3	o/r	49	97	7	1500	StCu	9	–	9	•
London (Kew Obsy.)	990.0	-9	SSW	4	orr	57	92	6	1500	Nb	10	–	10	2	992.9	+6	SW	2	c/r	51	92	4	4000	Nb	5	ACu	8	•
Croydon	991.3	-9	SWS	6	orr	56	92	6	800	Nb	10	–	10	2	992.9	+7	W'S	2	o/r	49	92	5	1500	StCu	8	Ci	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	990.1	+4	NW	4	c-	50	92	6	450	Nb	5	ASt	7	2
Shoeburyness	991.9	-11	SSW	6	bcror₀	57	85	7	800	St	6	–	6	•	991.5	-2	–	0	bc/r	49	85	7	2500	St	3	ACu	6	•
Grain	992.3	-10	SSW	6	orr	58	85	7	800	Nb	10	–	10	2	992.2	+6	WSW	4	c/r	49	92	7	800	Nb	6	Ci	8	0
Lympne	993.3	-8	SWW	8	o	56	85	7	800	St	8	ASt	10	1	992.2	-1	NW'N	4	o/r	50	97	6	800	St	8	ASt	9	•
Scilly (St. Mary's)	997.6	+2	NW	5	c-	54	85	8	4000	Cu	8	–	8	•	999.4	+2	NW	6	bc-	51+	75	8	4000	Cu	5	–	5	6
Falmouth (Pendennis)	996.0	+4	NW	5	c/r	53	85	8	5700	StCu	7	–	7	•	999.1	+3	W	3	cr₀	50	75	8	4000	CuNb	7	–	7	0
Plymouth (Cattewater)	994.8	+3	NW	5	o/r	55	85	8	1500	Nb	10	–	10	2	997.5	+5	WNW	4	bcr	50	75	8	1500	Nb	6	–	6	1
Portland Bill	990.1	-10	SW	9	oRR	58	92	6	2500	Nb	10	–	10	•	994.3	+6	WNW	6	c/r	53	65	7	4000	Cu	8	–	8	7
Southampton (Calshot)	991.8	-8	S'W	8	orr	57	97	6	450	Nb	10	–	10	!	994.3	+6	W'S	4	c-	52	85	7	2500	StCu	6	ASt	7	0
Dungeness	994.2	-8	SSW	9	o/r	59	85	7	4000	Cu	5	CiSt	10	•	992.2	+2	NW	4	o/r	52	97	7	4000	StCu	10	–	10	6
Jersey																												
Guernsey	996.3	-3	WSW	6	ood	57	97	6	800	Nb	10	–	10	*	997.8	+5	WNW	4	c	53	85	8	2500	CuNb	4	Ci	7	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 0900 G.M.T. 13th								Yesterday.		To-day.
Kew	18	omrr	omrc₀n	or₀bcp	•	•	56	14	0.1	0.1	•	•
Croydon (24 hours ended 0700)	244	orr mq	or r₀ q	ombo	•	•	54	14	-	0.0	•	•
Greenwich (Royal Obsy.)	149	or	or	ocb	54	41	35	11	-	0.0	100	74
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•
Westminster (St. James' Pk.)	27	•	•	•	58	43	39	//		0.0	90	74
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	0.0	•	•
Camden Square	110	or	orc	•	54	42	38	12	1	•	•	49
Kensington Palace	80	or	or o	•	54	41	35	11	1	•	At 18h 93	73
Hampstead Observatory	450	•	•	•	56	39	34	14	Tr	0.0		80

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.7 2.2	18h 11th 9h 12th	<0.5	1-6h 12th

Kew Observatory			
Max.	Time.	Min.	Time.
0.7	21h 11th 8h 12th	<0.5	1h. 12th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 18 h. 30 m. to 13th 5 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	10 45	9 5	87
δ Ursae Minoris	10 45	8 54	85

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.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

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

13th & 14th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.17 6.19	11.39 11.39	5.1 4.59
Greenwich	6.22 6.24	11.46 11.46	5.10 5.8
Wick	6.46 6.48	11.58 11.58	5.11 5.8
Valencia	7.4 7.6	12.27 12.27	5.50 5.46

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

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

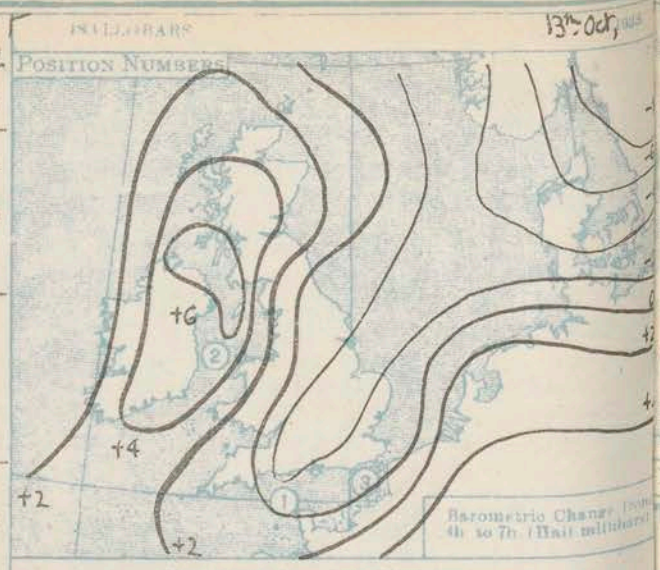
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 12M	Weather. 13h.-18h. 12M	Weather. 18h. 12M to 1h. 13h	Weather. 1h.-7h. 13h	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. 12M Hours.
Lerwick	b	b	ep r	bp	52	41	•	--	1	–	1200	3.8
Stornoway	c	oo	p	p	50	41	•	1	5	–	*	3.4
Wick	oid₀	oo	ep r	ofr c	49	43	•	Trace	9	0900	<2100	•
Castlebay		chpsh	hoc	hrsh	53	45	•	3	6	–	–	4.6
Nairn	orro	rorom	oiRo	orrg	47	40	•	4	9	<0800	<2100	0.0
Aberdeen	b.bc	coro	rorr	orrr	52	40	33	Trace	13	1530	<2100	6.2
Malin Head	coPR	coPR	PR r	pr bc	49	44	•	2	1	0900	<2100	4.2
Renfrew	oRm	opeir	oRc	c	51	39	34	6	3	<0800	<2100	2.2
Edinburgh (Inchkeith)	c	r-a	bcb	c	51	40	34	1	-	1330	•	0.5
Leuchars	c	copro	obr	bxoa	53	31	14	1	Trace	1430	0430	3.5
Eskdalemuir	orrhro	oprio	bbcpb	bbc	49	33	29	13	0.1	<0800	-	1.1
Tynemouth	orfm	oif ir	bm	bbcmm	49	35	33	2	-	1430	-	•
Blacksod Point ..	p	p	p	p	54	40	•	3	3	–	-	•
Donaghadee	beq	cp	ocr	ocp	53	41	•	Trace	3	<0800	2200	•
Birr Castle	cobr₀	co	iRco	iRco	52	41	34	0.2	6	<0800	-	6.8
Holyhead	oRo	ocbc	bccoir	oro	53	46	44	5	1	<0800	2400	4.6
Liverpool (Bidston) ...	p	opbc	rcl		50	43	34	2	2	1330	0430	0.2
Chester (Shotwick) ...	oomorgmorrpcbc		bbc	coopRg	51	42	35	2	1	1230	0230	0.6
Spurn Head	rord	oo	opb	c	50	41	•	4	1	<0800	<2100	0.0
Birmingham (Edgbaston)	orrm	rrbc	bcob	bcrp	50	39	36	11	0.6	0900	0230	0.0
Nottingham	mrro	rair	pcb	b	50	40	35	5	0.1	0900	<2100	0.0
Cranwell	oorm	orpco	cbp	c	49	40	35	8	0.3	0900	<2100	0.0
Gorleston	lfrrq	oqrro	b	bq	56	39	36	12	-	<0800	-	0.0
Valencia (Cahirciveen)	cpbcb	bcp.v	rco	o	51	45	42	1	2	0900	2200	6.3
Roches Point	ocbc	bcb	bw	bw	53	44	*	–	Trace	–	-	*
Pembroke (St. Ann's H.)	obc	c	c	cP	54	45	•	7	1	<0800	0130	5.8
Ross-on-Wye	otr	oPocb	brbc	pbcv	53	42	35	10	1	<0800	0230	1.2
Leafield	rord	c	bbc		51	?	30	14	0.4	-	<2100	0.5
Andover	orrm	oRmbc	b	bccbr	57	39	31	16	1	<0800	0630	0.0
S. Farnborough ...	orrmq	rrcom	ob	bcb b	57	38	36	15	0.1	<0800	0630	0.5
London (Kew Obsy.) ...	omrr	omrom	orm b	bcp	58	45	36	17	0.1	<0800	<2100	0.1
Croydon	orrmq	orrrrqmomb		bbo	57	41	34	17	-	<0800	-	0.0
Clacton-on-Sea ...	ogr	ogrqc	cogr	ogbc	56	46	46	15	0.2	<0800	<2100	0.0
Shoeburyness	orrogrq	orrqcb	bcb	bcb	58	45	34	11	-	<0800	-	0.0
Grain	orr	orrc	crcbc	bbcob	58	43	38	8	0.1	<0800	<2100	0.0
Lympne	ofrq	orrom	mcbc	bcw	57	38	35	8	Trace	1530	-	0.0
Scilly (St. Mary's) ...	orqc	oqbc	bcq	bcq	54	48	•	5	-	<0800	-	4.6
Falmouth (Pendennis)	omrc	ercp	bcpbc	bcpr	54	46	-	6	0.3	<0800	0330	2.6
Plymouth (Cattewater)	orrm	orcbc	bcpb	bcpwc	54	44	?	12	Trace	<0800	<2100	2.0
Portland Bill	rord	r-a	bbc	bbc	58	50	•	15	-	<0800	-	•
Southampton (Calshot)	orrq	orrocb	bbc	b	58	43	43	12	-	<0800	-	0.0
Dungeness	prm	r-a	c	bbc	59	45	•	5	-	1530	-	•
Guernsey ...	oididm	odobc	bbc	c	59	49	•	4	1	1400	2100	*

Districts. Forecasts for the 24 hours commencing 15h G.M.T. Saturday, 13th October, 1923.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between W. and N.W., veering; moderate inland, fresh or strong on coasts, squally; fine or fair apart from local showers of rain or hail; cool, ground frost at night locally; visibility good or very good.	Withheld. ----
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 N.W. and N. moderate or fresh; fair or cloudy, local showers of rain or hail; rather cold with ground frost at night locally; visibility good.	

S.C.R



Observations from Cross Channel Steamers.

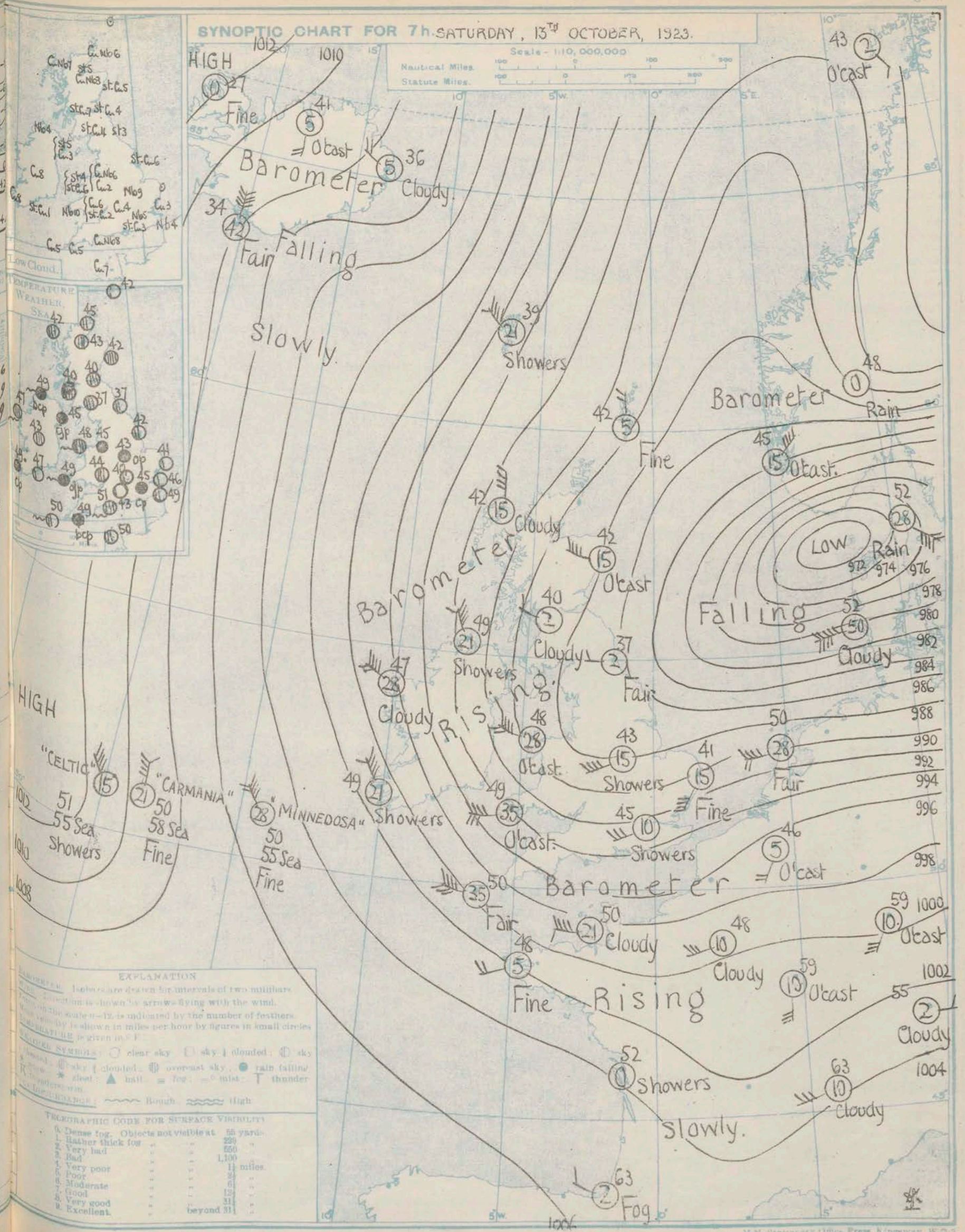
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
3	12th 0200	BRIGHTON	NNE	2	rr	54	58	6
2	" 1000	SCOTIA	W	3	bcv	52	55	9
3	13th 0200	ARUNDEL	W	6	bv	50	54	9

GENERAL INFERENCE.

The depression off the Hebrides last night has moved eastwards to Denmark and in its rear cold northerly winds are spreading over the British Isles. Weather will be mainly fair with local showers of rain or hail.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Guide see opposite page



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Saturday, 13th October.....1923. No. 286.

STATIONS.	Height above M.S.L. in feet.	Observations at 0100 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.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 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.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	54	992.0	-1	N	3	bc pr	46	92	6	4000	Cu	6	-	6	991.2	-1	N	2	bf	42	83	8	-	-	0	A St	2	1
Stornoway	51	991.5	+3	NE	3	PR	•	•	3	•	•	•	•	•	993.2	+3	N	4	c	42	72	7	4000	Cu	7	-	7	3
Wick	81	987.3	+2	E	3	pr	46	97	3	2500	St Cu	6	A St	10	989.6	+3	N	3	c	45	75	6	2500	Cu	6	-	6	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	+3	NNW	4	bc	46	85	8	4000	St Cu	5	-	5	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	990.3	•	NNW	2	pr	43	92	8	1500	St	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	988.1	+3	WNW	4	fr	42	94	8	2500	St Cu	3	A St	10	0
Mull Head	71	987.5	+5	N'W	6	bc r	49	85	3	5500	Ns	4	-	4	993.1	+6	N'W	6	bc pr	49	75	3	5500	Ns	4	Ci Cu	5	7
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	989.4	+5	NW	1	c	40	94	8	2500	St Cu	7	Ci Cu	8	•
Edinburgh (Inchkeith)	190	986.3	-1	WSW	2	3	42	85	7	4	St Cu	1	-	1	988.5	+3	NW	2	0+	41	92	8	•	St Cu	4	A St	9	1
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	988.0	+4	NW	2	0	39	92	8	4000	St Cu	6	A St	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	985.3	+2	NE'N	1	c	34	92	6	1500	St Cu	4	Ci	7	•
Tynemouth	118	988.3	-1	SW	1	bc	40	92	6	4000	St Cu	4	-	4	984.2	0	W	1	bc	37	92	6	800	St	3	Ci	5	0
Blacksod Point ...	10	995.7	+2	NW	8	0	49	?	5	2	*	*	*	10	999.4	+2	NW	6	c	47	75	8	*	*	*	*	7/8	7/8
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	989.1	+5	WSW	3	fr	43	92	8	800	St	8	-	8	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	•	SW	2	c	43	97	6	2500	Cu	5	-	8	•
Holyhead	26	984.2	-3	WSW	6	c	47	85	8	1500	St Cu	5	-	8	989.7	+6	WNW	6	0	48	85	8	1500	St Cu	10	-	10	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	988.0	+2	WNW	5	c+	43	94	7	1500	Cu Ns	8	-	8	6
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	987.9	+1	NW	5	0 Pr	44	92	6	800	Ns	9	-	9	•
Spurn Head	26	987.0	0	SW	4	b	42	97	7	-	-	0	-	0	987.2	-2	SW	4	bc	42	97	7	4000	St Cu	6	-	6	2
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	989.6	-2	SW	3	bc	41	92	8	2500	Cu Ns	4	-	4	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	987.6	-1	WSW	4	pr	43	85	6	1500	Ns	9	A Cu	10	•
Cranwell	237	990.5	-1	SW'W	4	b	41	92	7	-	-	0	-	0	988.3	-2	SW	3	0c+	40	97	8	4000	Cu	4	-	4	•
Gorleston	13	992.6	+1	WSW	2	b-	44	85	7	-	-	0	-	0	992.1	-1	SSW	4	bc	41	92	7	-	-	0	Ci St	2	1
Valencia (Cahirciveen)	30	1003.0	0	W	4	bf r	50	92	5	*	St	2	-	2	1002.3	+2	NNW	5	pr	49	75	8	2500	Cu	8	-	8	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	999.6	+4	NNW	3	b	47	85	8	4000	St Cu	1	-	1	0
Pembroke (St. Ann's H.)	149	993.0	-6	W	8	c	49	92	6	4000	St Cu	8	-	8	1004.6	+1	W	7	fr	49	75	6	2500	Ns	10	-	10	6
Ross-on-Wye	279	•	•	•	•	•	•	•	•	•	•	•	•	•	992.1	0	WSW	2	c	49	75	9	4000	Cu	8	-	8	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•	991.9	+2	SW'S	4	bc-	40	97	8	4000	Cu	4	-	4	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•	994.2	-2	WSW	5	b/r	43	92	9	1500	St Cu	3	-	3	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	993.3	0	SW	4	b/r	43	92	9	1500	St Cu	3	-	3	•
London (Kew Obsy.) ...	18	•	•	•	•	•	45	•	•	•	•	•	•	•	993.2	0	SW	3	pr	45	85	8	1500	Ns	5	A St	8	•
Croydon	204	995.7	0	WSW	3	b	43	85	8	-	-	0	-	0	993.6	-2	SW'W	4	b+	45	75	8	2500	St Cu	9	-	9	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	992.4	-1	SW	4	b	46	85	7	2500	Cu	3	-	3	2
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	993.0	-1	WSW	6	b-	46	75	8	5500	Cu	1	-	1	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	993.5	-1	SW'S	3	b-	45	75	8	4000	St Cu	2	-	2	0
Lympne	350	995.4	+3	WNW	3	bc	42	97	7	-	-	0	A St	4	994.8	-1	W	4	bc	42	85	8	2500	Cu	3	A St	4	•
Scilly (St. Mary's) ...	131	1000.9	0	WNW	6	b	50	85	8	4000	Cu	2	-	2	1000.8	0	WNW	7	bc+	50	85	8	4000	Cu	5	-	5	6
Falmouth (Pendennis)	200	999.1	0	NW	4	b/r	48	75	8	5500	Cu	2	-	2	999.1	0	WNW	4	bc pr	49	75	8	5500	Cu	5	-	5	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	994.6	0	W	6	c pr	50	75	7	2500	Cu Ns	8	-	8	1
Portland Bill	19	994.9	+2	WNW	6	b-	51	65	3	-	-	0	-	0	994.4	-4	W	7	c+	51	65	8	2500	Cu Ns	8	-	8	6
Southampton (Cu. shot)	12	996.5	+1	SW'W	4	b-	46	85	8	-	-	0	-	0	994.9	-1	SW'W	5	bc	48	75	8	2500	St Cu	6	-	6	0
Dungeness	21	993.1	+3	NW	4	b-	46	97	7	*	Cu	2	-	2	994.5	0	WNW	5	bc	49	92	8	4000	Ns	4	-	4	5
[illegible]	25	•	•	•	•	•	•	•	•	•	•	•	•	•														
Guernsey	—	999.7	+1	W	5	b	50	75	8	4000	Cu	3	-	3	999.6	+1	W	5	c+	50	75	8	4000	Cu	7	-	7	3

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11h.-12h. °F.	Temperature. Max. Day. 12h. °F.	Rainfall.† Night 17h.-9h. 11h.-12h. mm.	Rainfall.† Day 9h.-17h. 12h. mm.	Sunshine. Sunrise to 17h. 12h. hr.	Sunshine. Sunrise to Sunset. 11h. hr.
Montrose	bc d o c	c r o o	39	52	0.5	-	4.4	9.5
Berwick-on-Tweed	m d o d o	p R r o r	40	51	0.3	1	0.8	9.4
Llandudno	o r	c d e c b	42	52	-	2	1.8	2.5
Colwyn Bay ...	c d	p c	46	51	-	3	1.3	3.1
Rhyl	b c o r	n b c	40	53	-	3	1.4	2.6
Southport	o p o c	o r b c b	41	50	-	1	1.5	4.6
Blackpool	c o p	c o	42	52	1	1	1.1	4.1
Ilkley	o u m g o	m f c r o	36	52	-	2	-	3.7
Harrogate	o m	o r c	37	47	-	1	0.1	3.6
Skegness	o r	r o c	40	49	4	4	-	0.2
Aberystwyth ...	r o c	b	45	53	1	-	2.1	1.0
Bath	r a	r c b c b	43	53	12	12	-	-
Leamington Spa ...	o r	o r	37	52	3	4	-	-
Lowestoft	r o r o	o o r	45	56	1	12	-	-
Felixstowe	o m d	o m d r	49	57	2	10	-	-
Southend	o r r	o r r	48	57	13	3	-	-
Ilfracombe	o r	o r p	50	54	11	82	1.6	-
Bude	r r	o c c p c	50	53	26	2	2.1	-
[illegible]								
Paignton	o r q	c b c b c	52	58	34	8	3.3	-
Torquay	r o r o	b c b c	35	53	33	7	3.0	-
Weymouth	r	r o b	51	58	17	10	0.6	-
Bournemouth ...	r	r	51	57	15	6	0.3	-
Portsmouth (S'thsea)	o r r	o r o c r	51	58	14	10	-	-
Littlehampton ...	o c r	o c p o c	48	59	14	6	-	-
Worthing	o r	r o	51	58	13	6	-	-
Brighton	r	r o o c	51	59	19	5	-	-
Eastbourne	o o r	o c	50	59	13	3	-	-
Hastings	m o c o	o i b o m	49	58	13	4	-	-
Folkestone	r	r	50	62	12	2	-	-
Dover	o i r	o q r	50	59	12	2	0.2	-
Tunbridge Wells ...	o r r	o r r o	48	57	11	1	-	-
Ramsgate	d o r	r	48	*	10	2	-	-
Margate	o r o	o r	48	59	8	2	-	-
Deal	r r	r o r r	48	59	11	3	-	-

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22606 Sunday, 14th October 1923. Page 1.

Observations at 1300 G.M.T. 13th

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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	991.4	0	N	3	bcbr	46	92	8	4000	CuNb	4	CiCu	6	•
Stornoway	996.4	+2	N	3	cpr	46	92	7	4000	CuNb	8	–	8	•
Wick	991.6	+2	NNW	5	bc	44	85	8	2500	CuNb	5	CiCu	6	•
Castlebay	998.0	+2	NW	4	o/r₀	47	92	8	2500	Nb	10	–	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	991.5	+3	NNW	3	bc/r	48	75	8	2500	CuNb	5	–	5	1
Malin Head	994.2	+3	NNW	5	bc	49	75	9	5400	Cu	7	–	4	•
Renfrew	994.8	+5	N	1	c	48	65	8	2500	StCu	8	–	8	2
Edinburgh (Inchkeith)	993.0	+5	NNW	3	cjb	46	75	9	–	CuNb	3	CiSt	7	•
Leuchars	992.3	+4	NNW	1	o/r	48	65	8	4000	StCu	7	CiSt	9	5
Eskdalemuir	993.1	+5	NW'N	3	o	46	75	6	2500	StCu	3	ASt	10	1
Tynemouth	991.8	+5	NW	2	or₀	45	92	6	800	Nb	10	–	10	•
Blacksod Point	1002.6	+3	NW	5	o	48	65	8	–	–	–	–	10	•
Donaghadee	996.3	+3	NNE	4	bcjb	51	75	8	800	CuNb	6	–	6	•
Birr Castle	1000.7	–	W	3	bc	48	85	8	4000	CuNb	6	–	6	•
Holyhead	995.4	+7	NW	6	o/r	50	85	8	800	Nb	9	–	9	2
Liverpool (Bidston)	994.3	+5	WNW	3	bc	49	65	8	2500	CuNb	5	–	5	•
Chester (Shotwick)	994.0	+5	NW	6	c	52	65	8	2500	StCu	6	Ci	7	1
Spurn Head	990.6	+4	WNW	5	o	48	92	6	4000	Cu	8	CiSt	9	•
Birmingham (Edgbaston)	994.9	+4	W	5	c	49	75	8	4000	StCu	8	–	8	[illegible]
Nottingham	992.4	+4	WNW	4	bc	50	65	6	2500	Cu	5	ACu	6	•
Cranwell	992.2	+5	WNW	4	o	47	85	8	2500	StCu	8	ACu	9	1
Gorleston	991.8	0	W'S	4	ojb	49	65	7	4000	Nb	10	–	10	•
Valencia (Cahirciveen)	1005.3	+3	WNW	4	c	51	75	8	2500	StCu	6	ACu	7	!
Roches Point	1002.1	+2	NW	4	bcr	52	75	8	4000	CuNb	4	–	4	•
Pembroke (St. Ann's H.)	993.3	+5	WNW	7	bc	51	65	8	4000	Cu	6	–	6	•
Ross-on-Wye	995.3	+4	W	3	o	51	75	8	4000	StCu	8	Ci	9	1
Lickeid.	995.0	+2	NW	7	c/r	51	92	8	5400	Nb	7	CiCu	7	•
Andover	995.6	+1	WNW	5	bc	53	65	8	4000	Cu	5	–	5	1
S. Farnborough	995.1	+2	WSW	5	c	55	75	8	2500	Cu	8	–	8	1
London (Kew Obsy.)	995.0	+2	W'S	3	c	53	65	8	4000	Cu	8	–	8	•
Croydon	995.1	+2	W	4	c	53	55	8	4000	StCu	8	–	8	2
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	995.3	+2	W'S	4	mbc	53	65	6	4000	Cu	5	–	5	•
Grain	994.5	+2	WSW	6	cr	54	55	8	2500	StCu	7	–	7	1
Lympne	995.1	+1	WNW	6	cr	55	75	8	4000	Cu	7	–	7	1
Scilly (St. Mary's)	1003.4	+3	NW	5	bc	55	75	8	4000	Cu	5	–	5	•
Falmouth (Pendennis)	1001.9	+2	WNW	5	bc/r	54	65	8	5400	Cu	5	–	5	•
Plymouth (Cattewater)	1000.4	+2	NW	6	cpr₀	55	65	8	2500	CuNb	8	–	8	1
Portland Bill	997.8	+2	W	7	c	50	92	8	4000	Cu	7	–	7	•
Southampton (Calshot)	996.3	+2	N'N	6	cr	54	65	8	2500	StCu	8	–	8	[illegible]
Dungeness	994.5	+2	W	4	bc	55	97	8	4000	Cu	4	–	4	•
Guernsey	1001.2	+1	W	5	bc	54	75	8	4000	Cu	6	–	6	•

Observations at 1800 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 Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	991.8	0	NW	3	bcjb	45	92	7	4000	CuNb	2	ASt	4	2
Stornoway	997.8	+1	N	3	bcpr	42	92	7	4000	CuNb	5	–	5	2
Wick	993.5	+2	NNW	3	obr	42	92	8	2500	CuNb	6	CiSt	9	3
Castlebay	999.6	+2	NW	3	opR	44	97	8	1500	Nb	10	–	10	3
Nairn	996.0	–	WNW	2	[illegible]	42	85	8	4000	CuNb	7	–	7	•
Aberdeen	991.1	+4	NNW	3	bcr₀	43	92	8	2500	CuNb	6	–	6	0
Malin Head	998.6	+2	N	4	cbr	47	85	9	4000	CuNb	3	ACu	3	4
Renfrew	996.0	+4	WNW	1	o	46	85	6	5400	StCu	9	–	9	•
Edinburgh (Inchkeith)	995.8	+3	NW	3	c	46	75	8	–	StCu	5	ACu	8	1
Leuchars	995.6	+4	–	0	c	44	75	8	4000	StCu	8	–	8	•
Eskdalemuir	997.1	+4	–	0	b	38	85	[illegible]	4000	StCu	2	–	2	•
Tynemouth	995.8	+3	W	1	bc/r	45	85	6	1500	CuNb	4	ACu	5	1
Blacksod Point	1003.4	+1	NW	5	obr	45	85	7	–	–	–	–	10	6
Donaghadee	998.5	+3	WNW	3	cbr₀	46	85	8	800	St	7	–	7	4
Birr Castle	1002.4	–	WNW	2	b	43	92	6	4000	Cu	3	–	3	•
Holyhead	998.4	+2	W'N	6	bph	48	75	8	800	Cu	9	–	9	6
Liverpool (Bidston)	997.5	+3	NNW	3	b	46	85	8	4000	St	2	ASt	3	4
Chester (Shotwick)	997.8	+4	W	3	bc	45	85	7	4000	CuNb	4	–	4	•
Spurn Head	995.1	+6	WNW	3	o/r	48	92	6	1500	St	10	–	10	1
Birmingham (Edgbaston)	998.6	+5	W	3	b	45	85	6	2500	Cu	3	–	3	•
Nottingham	997.4	+5	W	2	b	45	75	6	–	–	0	–	0	•
Cranwell	997.4	+6	W'S	2	bc	43	97	6	4000	StCu	4	–	4	•
Gorleston	993.4	+	WSW	2	c	46	75	6	–	–	0	ACu	8	0
Valencia (Cahirciveen)	1006.2	+1	NW	4	bc	48	75	9	2500	StCu	6	–	6	3
Roches Point	1004.0	+3	NW	3	b	49	85	8	4000	StCu	1	–	1	0
Pembroke (St. Ann's H.)	1001.6	+2	WNW	3	bcbr	51	65	8	2500	Cu	6	–	6	6
Ross-on-Wye	1000.1	+4	W'N	2	c	47	75	9	2500	St	7	–	7	•
Lickeid.	999.4	+5	W	2	c/r	45	97	3	4000	CuNb	8	–	8	•
Andover	1000.3	+7	WNW	3	oPR	47	92	[illegible]	2500	Cu	9	–	9	•
S. Farnborough	999.0	+5	WNW	3	c	43	85	8	2500	StCu	7	–	7	•
London (Kew Obsy.)	999.2	+4	WSW	2	c	43	85	6	5400	Cu	8	–	8	•
Croydon	999.0	+5	W	3	c/r	44	85	6	2500	StCu	8	–	8	•
Clacton-on-Sea	997.3	+3	W	3	b	48	75	7	2500	Cu	3	–	3	1
Shoeburyness	999.2	+6	W	1	bc/r	46	85	8	4000	StCu	3	ACu	5	•
Grain	998.5	+5	WSW	3	cr	44	92	6	2500	St	7	–	7	0
Lympne	998.4	+3	NNW	3	bc	47	92	8	2500	Cu	5	–	5	•
Scilly (St. Mary's)	1005.0	+1	WNW	4	bc	51	75	8	4000	Cu	4	–	4	4
Falmouth (Pendennis)	1004.6	+3	W	3	cpr₀	49	75	8	4000	Cu	8	–	8	0
Plymouth (Cattewater)	1001.4	+2	WNW	3	b	50	75	7	2500	StCu	3	–	3	0
Portland Bill	1001.7	+4	WNW	5	bc	53	65	8	4000	Cu	4	–	4	6
Southampton (Calshot)	1000.6	+4	W	4	o+	50	75	8	4000	StCu	8 9	–	8 9	0
Dungeness	998.2	+3	WSW	3	b	52	85	8	–	–	0	ACu	3	5
Guernsey	1003.6	+2	WNW	4	bc	51	85	8	2500	Cu	4	–	4	3

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day
(24 Hours ended 0900 G.M.T. 14th)												
Kew (24 hours ended 0700)	18	bbcc	bcc	cbubx	•	•	27	tr	–	6.8	•	•
Croydon (24 hours ended 0700)	244	oprb	cbpbco	cbmwx	•	•	30	tr	–	7.3	•	•
Greenwich (Royal Obsy.)	148	bc	cb_b	cdowx	56	37	33	–	–	7.4	66	84
City (Bunhill Row)	36	•	•	•	•	•	•	•	•	6.3		
Westminster (St. James' Pk.)	27	•	•	•	55	38	33	–		4.1		
Regent's Pk. (Botanic Gdns).	–	•	•	•	•	•	•	•	•	6.4	•	•
Camden Square	110			•	56	38	34	–		•	•	
Kensington Palace	80	bc	bco	•	55	38	30	–	–	•	74 (At 18h)	84
Hampstead Observatory	450	•	•	•	54	36	29	tr	–	7.1		97

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 1800 G.M.T. 13th

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

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

POLE STAR RECORD at Greenwich Obsy. Exposure from 13th 18 h. 15 m. to 14th 05 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	11 15	09 25	84
δ Ursae Minoris	11 15	09 08	81

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.§

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 14th & 15th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.19 / 6.21	11.39 / 11.39	4.53 / 4.51
Greenwich	6.24 / 6.26	11.46 / 11.46	5.1 / 5.6
Wick	6.46 / 6.50	11.58 / 11.58	5.3 / 5.6
Valentia	7.6 / 7.8	12.21 / 12.21	5.58 / 5.46

BEAUFORT NOTATION OF WEATHER.

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

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

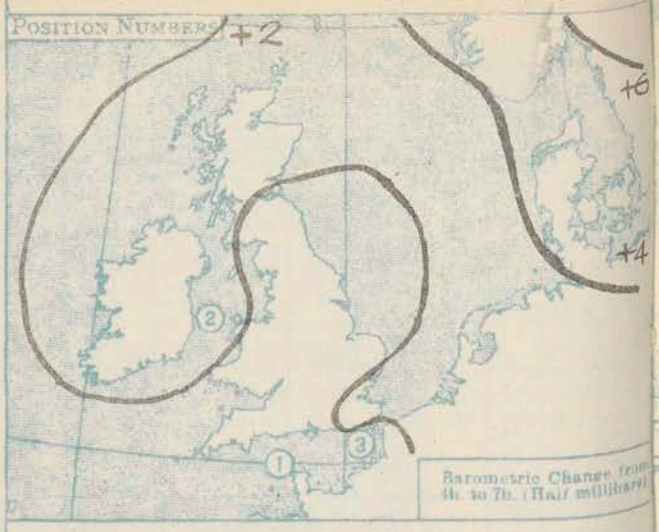
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	WEATHER. 13h.-18h. 13th	WEATHER. 18h. to 1h. 13th-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	bcp	bcp	bcp	cpr	48	40	•	0.1	2	<0800	<2100	6.1
Stornoway	b	bcp	p	c	48	39	•	2	2	–	–	3.4
Wick	c	cop	obcp	bcop	47	36	•	1	2	14.30	2200	•
Castlebay	bcp	cp	cohc	hbc	49	43	•	4	3	–	–	3.7
Nairn	cprbc	bchc	cbc	bc	48	39	•	3	–	12.30	–	2.5
Aberdeen	cirbc	bccpr	b	b	50	35	25	1	–	<0800	–	5.2
Malin Head	pbcv	prco	pbcv	bpv	50	43	•	dew	0.4	<0800	<2100	6.3
Renfrew	cwoc	cbco	ocb	bv	52	34	24	–	–	–	–	2.9
Edinburgh (Inchkeith)	c	c	cb	bmm	49	38	35	Trace	Trace	<0800	0230	1.0
Leuchars	obro	co	cbcb	bbx	50	31	18	0.2	–	09.00	–	1.6
Eskdalemuir	coo	ob	bbcb	bx	47	25	22	–	–	–	–	1.1
Tynemouth	mir	mir	bbcm	bbcm	49	~~30~~ 33	~~25~~ 30	2	–	<0800	–	•
Blacksod Point	c	p	p	p	54	37	•	1	5	–	–	•
Donaghadee	cqbv	cp	bcp	bcp	52	42	•	3	0.5	<0800	<2100	•
Birr Castle	co	bcph	bc	bcrr	52	33	26	0.5	0.1	14.40	–	9.9
Holyhead	rPrq	cbcchc	cchcpr	PRRq	51	45	43	5	2	<0800	<2100	1.6
Liverpool (Bidston)	ocbc	bc	rlr	rlr	51	41	36	–	16	–	<2100	7.0
Chester (Shotwick)	obRtpcq	ccocb	brorr	orrori	52	42	39	5	10	<0800	<2100	5.0
Spurn Head	c	cbdo	c	mmobc	49	43	•	Trace	–	16.30	–	3.1
Birmingham (Edgbaston)	bcc	bbc	bcc	cbc	50	37	30	–	–	–	–	5.3
Nottingham	owo	c	b	bw	50	37	30	Trace	–	<0800	–	3.6
Cranwell	obco	ocbc	bbc	bbccom	50	37	32	~~1.05~~	0.2	09.00	0330	3.0
Gorleston	oco	obrbc	bz	b	50	37	33	1	–	13.30	–	5.7
Valencia (Cahirciveen)	cbc	cbbc	b	cop	52	42	36	1	4	09.00	2400	5.5
Roches Point	bbc	bcb	b	b	54	42	•	–	–	–	–	•
Pembroke (St. Ann's H.)	c	bp	bbc	c	54	45	•	Trace	–	16.30	–	5.6
Ross-on-Wye	bcwp	cbbco	bv	bbcbx	53	36	29	0.1	–		–	2.8
Leafield	p	b	c		54	33	24	1	–	13.30	–	8.6
Andover	bbc	bccpr	obrbc	bbcc	55	31	26	0.5	0.2	14.30	<2100	7.2
S. Farnborough	bc	cbro	cb	bx	55	33	24	Trace	–	14.30	–	6.6
London (Kew Obsy.)	bbcc	bcc	cbw	bwbctw	54	38	27	Trace	–	–	–	6.9
Croydon	obrb	cbrbco	cbm	bmwx	54	37	30	Trace	–	<0800	–	7.3
Clacton-on-Sea	bcc	cbbc	bc	bcm	54	40	35	0.4	–	13.30	–	2.1
Shoeburyness	bbcm	bmcrbc	bbcb	b	54	39	35	Trace	–	14.30	–	6.8
Grain	bbcy	cbcm	cwbw	bmwx	55	38	30	–	Trace	–	<2100	8.3
Lympne	bbcc	cbc	cbrb	bwfc	54	33	26	–	0.2	–	<2100	8.8
Scilly (St. Mary's)	bcbq	bcq	bc	bc	55	46	•	0.4	0.3	09.00	<2100	7.3
Falmouth (Pendennis)	bcpr	bcpr	bcpr	bcpbc	54	45	•	0.3	1	14.30	<2100	6.5
Plymouth (Cattewater)	cp	cpb	b	bcpb	55	39	25	Trace	Trace	<0800	0530	6.2
Portland Bill	c	bbc	bbc	bbc	56	47	•	–	–	–	–	•
Southampton (Calshot)	p	prbcbo	bbw	bwbcw	55	40	36	0.1	–	11.00	–	6.9
Dungeness	bbc	bbc	bbc	bbx	57	34	•	0.2	–	09.00	–	•
Guernsey	cbpr	bcbc	bcp	bc	55	47	•	1	0.3	11.00	0430	*



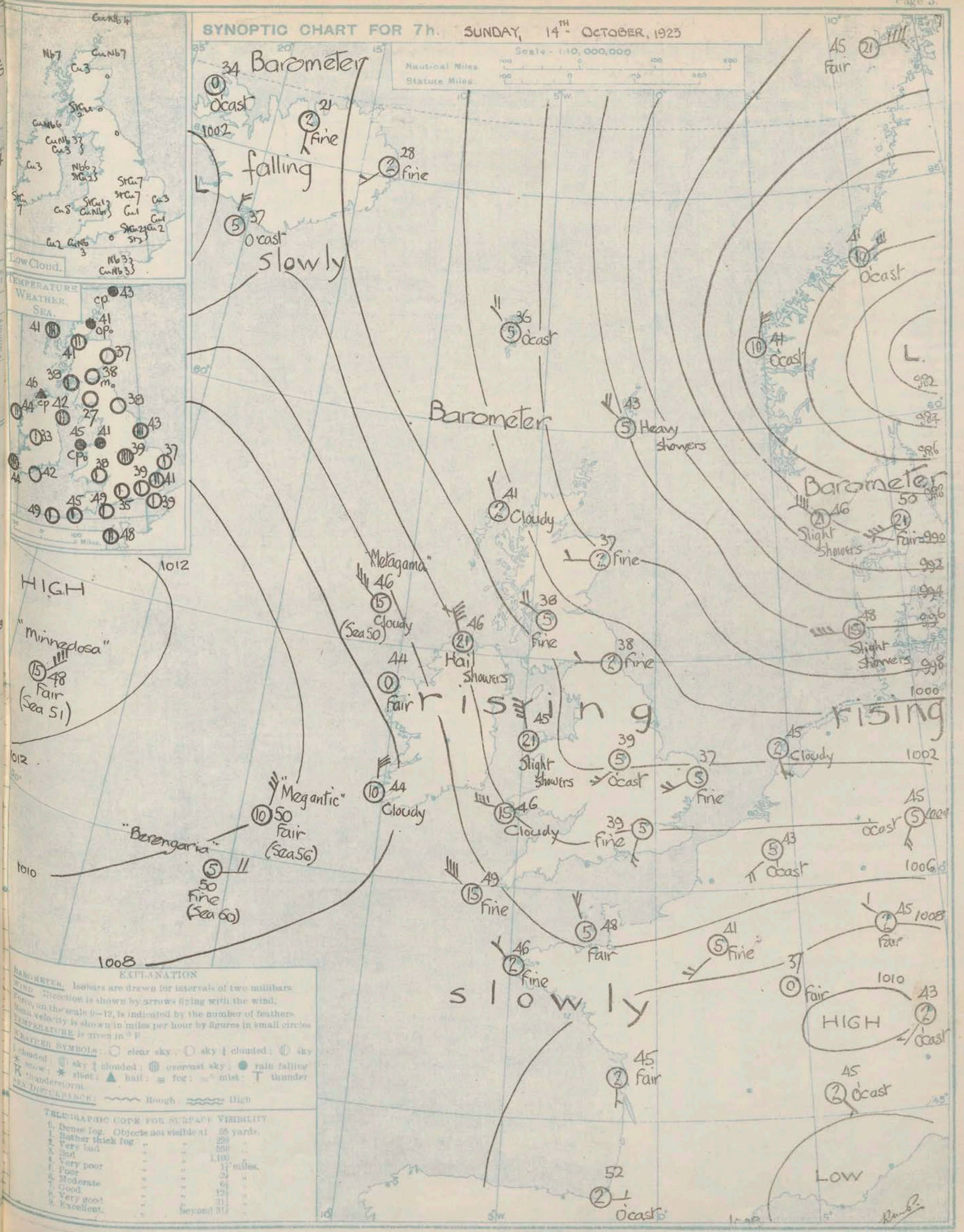
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	13th 1200	SCOTIA	NW	8	cqp	50	53	7
1	13th 1200	IBEX	NW	6	o–	53	58	7
3	14th 0200	BRIGTON	NW	4	bcv	50	52	9

GENERAL INFERENCE.

An anticyclone west of Ireland is stationary and a depression northward of the Azores is moving east very slowly. A cool northwesterly current will be maintained over the country except in the extreme southwest where the effect of the Azores depression will be felt later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 14th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light N.W.; fair; some mist at night; ground frost.	None issued. . -------
5. S.W. England 6. South Wales	Wind light northerly or indefinite; fair early perhaps rain later; visibility moderate to good; cool.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind light to moderate N.W.; mainly fair but risk of showers of hail or rain; visibility good; frost at night.	
10. N.E. England 11. E. Scotland	As 1 - 4.	
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	As 7 - 9.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 6.	


SYNOPTIC CHART FOR 7h. SUNDAY, 14TH OCTOBER, 1923
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Low Cloud.
TEMPERATURE
WEATHER.
SEA.
Barometer
falling
slowly
Barometer
"Metagama"
HIGH
"Minnedosa"
(Sea 51)
"Megantic"
(Sea 56)
"Berengaria"
(Sea 60)
rising
rising
slowly
HIGH
LOW
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA 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 " " 6½ "
7. Good " " 12½ "
8. Very good " " 31 "
9. Excellent. " Beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday, 14th October.....1923. No. 284.

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	998.4	+1	NW	2	bPR	41	97	7	4000	CuNb	4	-	4
Stornoway	51	998.7	0	NNE	3	PR	•	•	5	•	•	•	•	•
Wick	81	999.5	+2	NW	2	bdrz	38	97	8	1500	CuNb	5	-	5
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1002.0	+2	NNW	5	b-	49	75	9	5700	CuNb	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	998.7	+1	W	3	b	41	92	7	-	-	0	-	0
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	999.2	+1	W	1	b	39	85	6	-	-	0	-	0
Blacksod Point ...	10	1005.4	+1	NW	3	bc-	45	85	6	*	*	*	*	6
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1000.3	+1	WNW	5	bdrz	49	85	8	1500	St.Cu	6	-	6
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	999.3	+2	W	3	bc	45	92	5	4000	St.Cu	6	-	6
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1000.8	+2	WSW	3	b	38	97	•	-	-	0	-	0
Gorleston	13	1001.6	+2	WSW	3	b	39	92	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1007.1	+1	NW	2	b-	47	92	9	-	-	0	-	0
Roche Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1003.4	0	WNW	3	bc	47	75	8	4000	Cu	4	-	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Worthing	550	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	43	•	•	•	•	•	•	•
Croydon	244	1002.6	+2	WSW	3	b	43	92	6	-	-	0	-	0
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1002.7	+2	NW'W	3	b/r	41	97	7	-	-	0	-	0
Scilly (St. Mary's) ...	131	1006.1	0	NW	3	b	50	85	8	4000	Cu	3	-	3
Falmouth (Pendennis)	200	1005.8	+2	W	2	b-	46	75	8	5700	Cu	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1002.4	0	WNW	3	b-	51	65	8	-	-	0	-	0
Southampton (Ca.shot)	12	1003.1	+2	WSW	4	b	45	85	8	-	-	0	-	0
Dungeness	21	1002.4	+2	NW	2	b	43	92	8	-	-	0	-	0
... ...	25	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1005.2	0	WNW	2	b	50	85	7	4000	Cu	3	-	3

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	Sea. 0-9
Lerwick	998.2	+2	NW	2	cPR	43	92	8	4000	CuNb	4	A.St	8	1
Stornoway	1001.2	+3	NNW	1	c	41	92	7	800	Nb	7	-	7	1
Wick	997.5	+3	NW	2	obrz	41	92	8	2500	CuNb	7	G.St	9	0
Castlebay	1003.4	+2	NNW	2	c	45	82	8	1500	Nb	7	-	7	3
Nairn	999.6	•	W	1	bc-	41	85	8	4000	Cu	3	Ci.Cu	5	•
Aberdeen	999.0	+3	W	1	b	37	92	8	-	-	0	-	0	0
Malin Head	1003.9	+2	NW'W	5	bdrz	46	85	9	4000	CuNb	6	-	6	4
Renfrew	1001.7	+2	WNW	2	b-	38	92	9	5700	St.Cu	2	-	2	•
Edinburgh (Inchkeith)	1000.3	+1	WSW	4	mb-	38	97	7	-	-	0	A.Cu	1	1
Leuchars	999.7	+2	WSW	2	b	33	85	8	7200	St.Cu	1	A.St	2	•
Eskdalemuir	1002.2	+1	SE'E	1	b	27	92	8	2500	St.Cu	1	-	1	•
Tynemouth	1000.7	+1	W	1	b	38	75	6	-	-	0	-	0	1
Blacksod Point ...	1007.3	+2	-	0	bc	44	75	9	*	*	*	*	4	4
Donaghadee	1003.4	+2	W	2	bc	42	85	8	800	CuNb	6	-	6	3
Birr Castle	1007.2	•	NW	1	b	33	97	6	4000	Cu	3	-	3	•
Holyhead	1002.8	+4	N'W	5	cbr	45	85	8	1500	Nb	8	-	8	4
Liverpool (Bidston) ...	1001.8	+1	WNW	1	fR	41	97	6	1500	CuNb	10	-	10	3
Chester (Shotwick) ...	1001.8	+2	WNW	2	oir	42	92	7	1500	Nb	10	-	10	•
Spurn Head	1000.9	+1	WNW	3	c/m	43	97	5	-	-	0	Ci	7	1
Birmingham (Edgbaston)	1002.7	+1	WSW	3	bc-	39	92	8	2500	St.Cu	3	A.St	4	•
Nottingham	1001.9	+1	SW	2	o	39	97	7	2500	Nb	7	Ci	9	•
Cranwell	1001.5	+1	W	3	o+	39	97	6	2500	St.Cu	7	A.St	9	•
Gorleston	1001.8	+1	WSW	2	b+	37	97	6	-	-	0	A.Cu	2	0
Valencia (Cahirciveen)	1005.4	+2	N	3	c	44	85	8	2500	St.Cu	7	-	7	3
Roche Point	1007.6	+3	NW	2	b	42	97	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1004.3	+1	WNW	4	c+	46	75	8	2500	Cu	5	-	8	1
Ross-on-Wye	1003.3	+1	SW'S	2	b	38	92	9	4000	St.Cu	2	-	2	•
Worthing	1003.3	+2	W	2	f	37	97	6	5700	St.Cu	7	-	7	•
Andover	1004.0	+1	-	0	c	35	97	9	4000	St.Cu	7	-	7	•
S. Farnborough ...	1003.7	+1	-	0	b-	35	97	9	4000	St.Cu	2	-	2	•
London (Kew Obsy.) ...	1004.2	+1	SSW	2	b	33	92	7	2500	Cu	1	-	1	•
Croydon	1003.9	+1	W'S	2	b	40	97	6	-	-	0	-	0	•
Clacton-on-Sea ...	1003.0	+2	W	2	bc	41	92	5	2500	Cu	3	A.Cu	4	0
Shoeburyness	1003.5	+1	SW	2	b-	41	85	5	-	-	0	-	0	•
Grain	1003.5	+3	WSW	3	b	40	92	5	-	-	0	-	0	0
Lympne	1004.1	+2	NNW	3	fb-	38	97	3	4000	Cu	1	-	1	•
Scilly (St. Mary's) ...	1006.8	+1	NW'W	4	b-	49	75	8	4000	Cu	2	-	2	4
Falmouth (Pendennis)	1006.4	+2	WNW	2	b-	45	75	8	5700	CuNb	3	-	3	0
Plymouth (Cattewater)	1005.4	+1	NW	2	bbr	43	85	8	2500	CuNb	3	-	3	0
Portland Bill	1004.5	0	NW	2	b	49	65	8	-	-	0	A.Cu	2	5
Southampton (Ca.shot)	1004.6	+2	W'N	2	bc+	41	92	8	2500	St.Cu	4	-	4	0
Dungeness	1004.0	+2	NW	2	b+	39	92	7	2500	Cu	2	-	2	3
... ...	1005.7	+1	NNW	2	bc/r	48	85	9	2500	Nb	6	-	6	1
Guernsey														

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 12th-13th °F.	Temperature. Max. Day. 13th °F.	Rainfall.† Night 17h.-9h. 12th-13th mm.	Rainfall.† Day 9h.-17h. 13th mm.	Sunshine. Sunrise to 17h. 13th hr.	Sunshine. Sunrise to Sunset. 12th hr.
Montrose	ocr	cbcc	36	51	1	0.2	4.8	4.4
Berwick-on-Tweed	PRco	dbcc	34	48	3	0.1	0.3	0.8
Llandudno	roc	ccp	42	52	8	0.1	1.9	1.8
Colwyn Bay ...	c	cd	43	51	4	1	2.3	1.3
Rhyl	hrbc	bcpcbc	43	51	2	-	3.3	1.4
Southport	bbcb	b	42	50	6	2	8.5	1.5
Blackpool	cbb	cc	41	52	11	-	3.1	1.1
Ilkley	rbcbc	bc	38	52	14	-	4.8	0.0
Harrogate	bbc	bcco	37	50	6	-	4.1	0.1
Skegness	borc	coc	44	50	0.2	Trace	3.2	0.0
Aberystwyth ...	roc	b	45	53	5	-	1.0	2.7
Bath	ocbcb	bbbcc	40	54	4	0.3	4.9	0.3
Leamington Spa ...	cbbc	bccb	38	52				
Lowestoft	bcbcc	ocacbc	39	52	0.4	-	6.6	0.0
Felixstowe	bcb	b3	43	58	1	0.4	3.1	0.0
Southend	bc	bcc	42	54	0.1	-	6.8	0.0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 12th-13th °F.	Temperature. Max. Day. 13th °F.	Rainfall.† Night 17h.-9h. 12th-13th mm.	Rainfall.† Day 9h.-17h. 13th mm.	Sunshine. Sunrise to 17h. 13th hr.	Sunshine. Sunrise to Sunset. 12th hr.
Ilfracombe	ob	ocbc	40	53	3	-	2.1	1.6
Bude	bocbc	cbc	40	54	3	-	5.6	2.1
Paignton	bcq	bccobc	42	54	0.3	-	8.9	0.0
Torquay	b	b	43	59	1	0.1	9.4	2.9
Weymouth	cbc	bc	44	58	-	-	5.0	0.6
Bournemouth ...	rbc	bc	42	54	-	0.3	5.8	0.3
Portsmouth (S'thsea)	bbp	bpbc	44	54	-	1	4.4	0.1
Littlehampton ...	b	bc	43	56	-	-	5.1	0.0
Worthing	bbc	bcb	41	55	-	-	8.9	0.0
Brighton	bcbc	bbc	45	56	-	-	4.7	0.0
Eastbourne	bbc	bcpbcb	46	56	1	0.1	4.6	0.0
Hastings	bbcb	bbc	42	56	0.4	-	8.5	0.0
Folkestone	b	bc	48	58	1	-	9.1	0.0
Dover	bbcc	cbc	44	57	0.4	-	9.5	0.2
Tunbridge Wells ...	b	bcc	40	54	-	-	7.2	0.0
Ramsgate	bb	bc	40	*	3	-	5.1	?
Margate	b	bc	42	55	1	-	9.0	0.0
Deal	bbc	bbc	42	55	3	-	9.3	0.0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22607 MONDAY, 15TH OCTOBER 1923.

STATIONS. (For heights see p.4).	Observations at 1300 G.M.T. 14th: 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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Observations at 1800 G.M.T. 14th: 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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	998·7	+3	WNW	2	cPR	45	92	7	4000	CuNb	8	-	8	•	1001·2	+3	WNW	2	bcjp	42	85	7	4000	StCu	5	-	5	1
Stornoway	1003·6	+1	N	1	bcpr	45	85	7	4000	Cu	6	-	6	•	1004·7	+1	-	0	o	42	85	7	1500	St	10	-	10	0
Wick	1000·7	+3	NW	3	bcph	45	85	8	2500	CuNb	5	ACu	6	•	1001·9	+2	WNW	2	c	41	92	8	2500	CuNb	4	CiSt	8	0
Castlebay	1005·7	+2	NW	3	be	46	85	8	2500	StCu	6	-	6	•	1006·8	-1	WNW	4	OPR	46	75	8	1500	Nb	10	-	10	3
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·9	•	-	0	c+	42	85	8	4000	Cu	7	-	7	•
Aberdeen	1001·5	+3	NW	4	cr$_0$	47	85	8	2500	CuNb	8	-	8	1	1004·4	+4	WNW	2	c+	41	91	7	4000	StCu	1	CiSt	3	0
Malin Head	1006·2	+2	NW'N	4	cpr$_0$	47	85	9	4000	CuNb	7	-	7	•	1007·4	+2	WNW	4	bc|r	45	85	8	4000	CuNb	3	ACu	6	4
Renfrew	1004·3	+2	WNW	3	bcr	52	65	9	5700	StCu	6	-	6	1	1006·3	+3	W	2	o+	45	85	7	7200	StCu	3	CiSt	9	•
Edinburgh (Inchkeith)	1002·5	+2	W	3	bcjf	48	75	9	*	Cu	5	-	5	•	1005·0	+4	NW	2	bc	47	75	8	*	Cu	3	CiSt	5	1
Leuchars	1001·8	+2	NW	4	bc	50	55	8	5700	StCu	5	-	5	0	1004·7	+3	NW	1	o+	43	75	8	4000	StCu	3	CiSt	8	•
Eskdalemuir	1002·3	+2	NNW	3	o+	46	65	8	4000	StCu	9	-	9	1	1006·2	+3	WNW	2	bc-	40	85	8	4000	StCu	6	-	6	•
Tynemouth	1002·3	+3	W	1	bc+	51	65	6	1500	CuNb	5	-	5	•	1005·3	+3	WNW	1	bc	45	75	6	-	-	0	CiSt	4	1
Blacksod Point	1009·8	+1	NW	4	c-	50	75	9	•	•	•	•	7	•	1010·9	+1	NW	4	o+	46	75	7	*	*	*	*	10	0
Donaghadee	1005·5	+2	WNW	4	bcjp	48	85	8	450	CuNb	5	-	5	•	1008·5	+2	WNW	3	bc-	46	75	8	800	St	4	-	4	3
Birr Castle	1009·3	·x·	NW	1	c+	51	65	8	4000	StCu	8	-	8	•	1011·1	-x-	W	1	c-	43	85	7	4000	CuNb	7	-	7	•
Holyhead	1005·9	+3	NW'W	5	c	49	75	8	2500	Cu	8	-	8	1	1008·3	+3	WNW	5	bc	49	75	8	1500	Cu	6	-	6	4
Liverpool (Bidston)	1004·5	+2	NW'W	3	bc|r	46	85	9	2500	CuNb	6	-	6	•	1006·8	+3	WNW	4	bc	48	75	8	2500	Cu	5	-	5	4
Chester (Shotwick)	1004·7	+3	NNW	4	chjp	48	75	8	2500	Cu	7	-	7	2	1007·2	+3	WSW	4	ojp	45	85	8	2500	St	10	-	10	•
Spurn Head	1003·0	+2	N	1	c	48	92	7	4000	StCu	8	-	8	•	1005·4	+4	WSW	3	c	45	92	7	4000	StCu	7	-	7	1
Birmingham (Edgbaston)	1004·8	+3	WNW	4	o-	42	85	6	1500	St	10	-	10	1	1008·1	+5	WNW	4	c-	44	85	6	2500	Cu	4	ACu	7	•
Nottingham	1003·4	+2	NNW	1	o	47	85	5	1600	St	8	CiSt	10	•	1007·1	+5	W	1	bc-	41	85	5	-	-	0	CiSt	4	•
Cranwell	1003·9	+2	WNW	2	od$_0$	45	97	6	1500	Nb	10	-	10	2	1006·9	+2	W'S	1	b|r	39	97	6	1500	Nb	~~10~~ 5	-	~~10~~ 5	•
Gorleston	1003·6	+1	WSW	3	bc+	51	65	7	4000	Cu	5	-	5	•	1005·5	+1	NW	3	or$_0$	44	85	7	2500	Nb	5	ASt	10	0
Valencia (Cahirciveen)	1011·5	+2	NNW	1	c	51	65	9	2500	Cu	7	-	7	1	1012·7	+1	N'N'W	1	bc	48	75	9	2500	StCu	5	-	5	0
Roches Point	1010·2	+3	NW	2	bc+	51	75	8	4000	Cu	4	CiSt	5	•	1011·8	+2	NW	2	b-	43	75	8	4000	StCu	3	-	3	0
Pembroke (St. Ann's H.)	1009·5	+4	WNW	4	bc	50	65	8	4000	Cu	4	-	4	•	1010·5	+3	NW	3	b	48	65	8	4000	Cu	3	-	3	4
Ross-on-Wye	1005·3	+3	N	3	bc	49	65	9	4000	Cu	6	-	6	1	1008·6	+4	W'S	1	b-	44	75	9	4000	StCu	1	-	1	•
[illegible]															1008·5	+3	NW'N	2	b-	41	85	3	-	-	0	ACu	2	•
Andover	1004·3	+1	W'S	4	c	52	65	8	4000	CuNb	8	-	8	1	1008·8	+5	NW	1	b-	41	85	8	4000	StCu	1	-	1	•
S. Farnborough	1004·2	+1	WNW	3	bc-	54	65	8	4000	Cu	6	-	6	0	1007·3	+4	WNW	2	b-	42	92	8	-	StCu	2	-	2	•
London (Kew Obsy.)	1004·6	0	WNW	1	bcjp	48	75	6	2500	CuNb	5	-	5	2	1007·8	+5	W'S	1	b	45	85	5	2500	St	3	-	3	•
Croydon	1003·9	0	W	3	bcjp	50	65	7	4000	CuNb	6	-	6	1	1007·7	+4	NW'W	1	b|r	43	85	5	4000	StCu	3	-	3	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·8	+2	WNW	2	bc+	43	92	7	2500	CuNb	5	-	5	0
Shoeburyness	1003·9	0	W	1	oPR-	50	75	7	1500	Nb	9	-	9	•	1006·5	+3	WSW	1	b	43	85	6	4000	Cu	2	-	2	•
Grain	1004·1	+1	SW	1	ojp	50	75	7	2500	Nb	9	-	9	0	1005·6	+2	NW	3	c|R	45	85	6	4000	CuNb	6	ASt	7	0
Lympne	1004·2	-1	W	4	c-	54	65	8	2500	Cu	7	-	7	0	1006·9	+3	NNW	3	c|r	42	85	5	5700	StCu	7	-	7	•
Scilly (St. Mary's)	1008·7	+2	NNW	4	c+	54	75	8	4000	Cu	7	-	7	•	1011·3	+3	N'W	2	bc	48	85	8	4000	Cu	5	-	5	2
Falmouth (Pendennis)	1008·1	+2	N	3	bc	53	55	8	5700	StCu	5	-	5	•	1011·1	+3	N	2	b	47	75	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1007·6	+2	NNW	4	bjp	55	45	8	2500	CuNb	3	-	3	•	1010·5	+4	N	3	b	48	65	7	4000	Cu	1	-	1	0
Portland Bill	1005·2	+2	NW	3	bc+	53	55	8	4000	Cu	6	-	6	•	1008·4	+6	NW	3	bc	50	65	8	4000	Cu	6	-	6	3
Southampton (Calshot)	1005·2	+1	WNW	4	bc-	50	65	8	5700	Cu	6	-	6	0	1008·4	+5	WNW	3	b-	45	85	8	4000	StCu	1	-	1	0
Dungeness	1004·5	+1	W	3	bc+	54	75	8	4000	Cu	4	-	4	•	1006·3	+2	WSW	2	bc+	47	85	8	4000	StCu	6	-	6	3
Guernsey	1007·5	+2	W'N	4	co/s	53	92	7	4000	CuNb	8	-	8	•	1009·7	+3	NW'N	3	bc-	49	85	8	2500	Cu	5	-	5	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 0900 G.M.T. 15th										
Kew	18	cnoRhp	bccp$_0$b	bwbmx	•	•	24	3	tra	6·1	•	•
Croydon } 24 hours ended 0700	244	bzc	bcp$_0$c	bmx	•	•	29	tra	-	6·3	•	•
Greenwich (Royal Obsy.)	149	bcpm	cpbm	bmx	53	34	30	2	-	5·8	80	84
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	4·8	•	•
Westminster (St. James' Pk.)	27	•	•	•	52	35	30	17	•	6·0	70	82
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•			3·4	•	•
Camden Square	110	bc	cpbc	•	54	34	31	4	-	•	•	95
Kensington Palace	80	bcop	obcb	•	57	35	28	0·6	-	•	85 (18h)	84
Hampstead Observatory	450	•	•	•	50	34	26	2	tra	6·2	•	90

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

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

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th 18 h. 15 m. to 15th 05 h. 30 m.

Stars	Exposure. h. m.	Record. h. m.	%
Polaris	11.15	10.50	96
δ Ursae Minoris	11.15	10.27	93

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

15th & 16th Oct., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.21 / 6.22	11.39 / 11.39	4.57 / 4.55
Greenwich	6.26 / 6.27	11.46 / 11.46	5.6 / 5.4
Wick	6.50 / 6.52	11.58 / 11.58	5.6 / 5.3
Valencia	7.8 / 7.9	12.27 / 12.27	5.46 / 5.44

BEAUFORT NOTATION OF WEATHER.

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

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

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

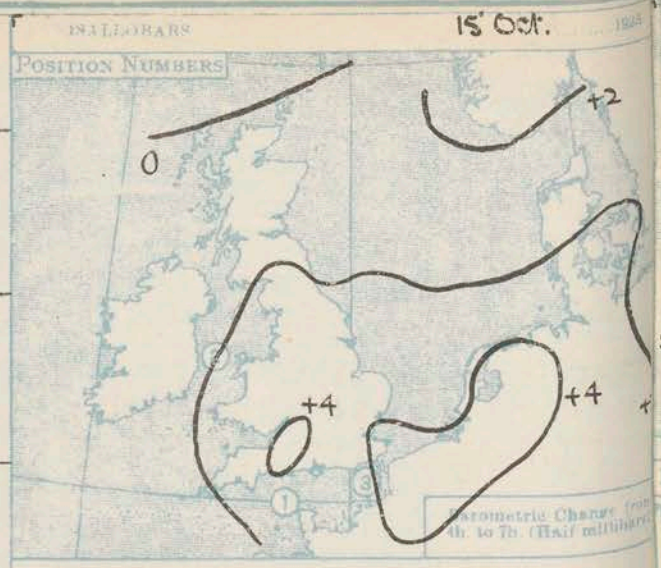
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 14h.	WEATHER. 13h.-18h. 14h.	WEATHER. 18h. 14h. to 1h. 15h.	WEATHER. 1h.-7h. 15h.	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. 14h. Hours.
Lerwick	cpr	bc	bc	bcp	48	40	•	2	2	0800	2200	3.4
Stornoway	c	oo	p	cpr	46	40	•	0.1	1	-	-	4.9
Wick	ocphpr	cpR	bbc	bcoir	47	36	•	3	0.3	0800	0530	•
Castlebay	cchc	coh	cohc	ohc	49	44	•	1	0.5	—	—	6.0
Nairn	bcpr	bccp	cobc	cbo	47	38	•	1	-	1230	-	1.1
Aberdeen	bcpr	bcpr	coir	ocm	48	39	33	0.4	trace	0900	<2100	5.9
Malin Head	copr	copr	copr	coiR	45	45	•	1	3	0800	2200	3.3
Renfrew	bvbbv	bcvco	obcb	bcd	53	40	33	-	trace	-	0330	9.1
Edinburgh (Inchkeith)	mbc	c	b	oo	50	41	39	-	-	-	-	8.5
Leuchars	b-bc	bcyco	ocbc	bcc	51	36	26	-	-	-	-	8.8
Eskdalemuir	bbcco	ocbc	bcb	bbcco	48	33	27	-	-	-	-	6.9
Tynemouth	b-bcm	b-bcm	bbcm	bbc	51	39	35	-	-	-	-	•
Blacksod Point ...	c	c	p	p	54	38	•	-	2	-	-	•
Donaghadee	bcqp	bcp	b	bcw	50	37	•	0.2	0.1	0800	-	•
Birr Castle	co	co	oco	bcx	52	33	26	—	-	—	-	7.6
Holyhead	PRc	cbc	ccbc	bccb	50	46	44	1	-	0900		6.4
Liverpool (Bidston) ...	bcc	bbc	cpr		50	41	37	3	3	0800	0430	5.3
Chester (Shotwick) ...	omgoc prhqs	cprhqs	oprm	oprrbc	52	39	31	4	1	0800	<2100	4.4
Spurn Head	c	corlc	bb	bbc	50	41	•	0.3	-	1630	-	2.9
Birmingham (Edgbaston)	bc o	bcc	cbc	pcb	50	36	33	-	-	-	-	3.3
Nottingham	bo g	b	b	bx	49	35	29	0.1	•	0900	-	0.4
Cranwell	ocorgm	morcbcm	bbcmx	bbcmx	47	35	30	0.5	0.1	1100	-	1.4
Gorleston	bbc	bccopl	b	bxf	53	33	32	trace	1	1730	<2100	6.3
Valencia (Cahirciveen)	bcb	cpbcc	bcb	bcc	51	35	30	0.1	-	-	-	7.7
Roches Point	bbc	bcb	bw	bw	54	38	•	-	0.1	-	-	•
Pembroke (St. Ann's H.)	b-bc	b-bc	b-bc	b.bc	51	47	•	-	-	-	-	?
Ross-on-Wye	bccpbcv	bcvcvbv	bv	bx	51	31	25	trace	-	0900	-	6.5
Lenfield		p	bbc		49	33	25	trace	-	-	-	6.5
Andover	c	cprb	b	bbcx	53	30	24	0.5	-	1530	-	7.5
S. Farnborough ...	bccbc	bccb	bbmm	bbmmb	55	28	23	-	-	-	-	7.1
London (Kew Obsy.) ...	cmorhbc	bccpbm	bmbxbw	bwbmx	52	34	24	3	trace	1230	-	6.1
Croydon	bzc	bcpbcm	bmm	bmx	53	35	29	trace	-	1430	-	6.3
Clacton-on-Sea ...	bcmc	cllhrcbc	bbcm	bcmx	52	35	32	2	-	1330	-	4.3
Shoeburyness	c	p	b	bffx	53	35	27	1	trace	1230	-	3.8
Grain	bmco	prfoc	cjpbm	bbmx	52	34	29	1	-	1530	-	3.9
Lympne	coc	cbc	cbmxy	bmx	54	33	26	0.3	trace	1430	-	5.8
Scilly (St. Mary's) ...	bc	cbc	bc	b	54	43	•	-	-	-	-	8.2
Falmouth (Pendennis)	bcpbc	bc	bc	bc	53	41	•	0.6	-	0900	-	8.5
Plymouth (Cattewater)	bobb	bygopb	bx	bbcx	55	35	21	2	-	0800	-	8.2
Portland Bill	b-bc	c	bbc	bbc	53	45	•	-	-	-	-	•
Southampton (Calshot)	c	bcb	bw	bx	53	35	31	-	-	-	-	8.5
Dungeness	b-bc	c	bbc	bbc	55	34	•	trace	-	1430	-	•
Guernsey	pchc	cbc	bcb	bx	53	46	•	1	-	1100	-	•



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.
2	14 1000	Scotia	NW'N	5	b	47	53
3	15 0200	-	NNW	2	b	48	57

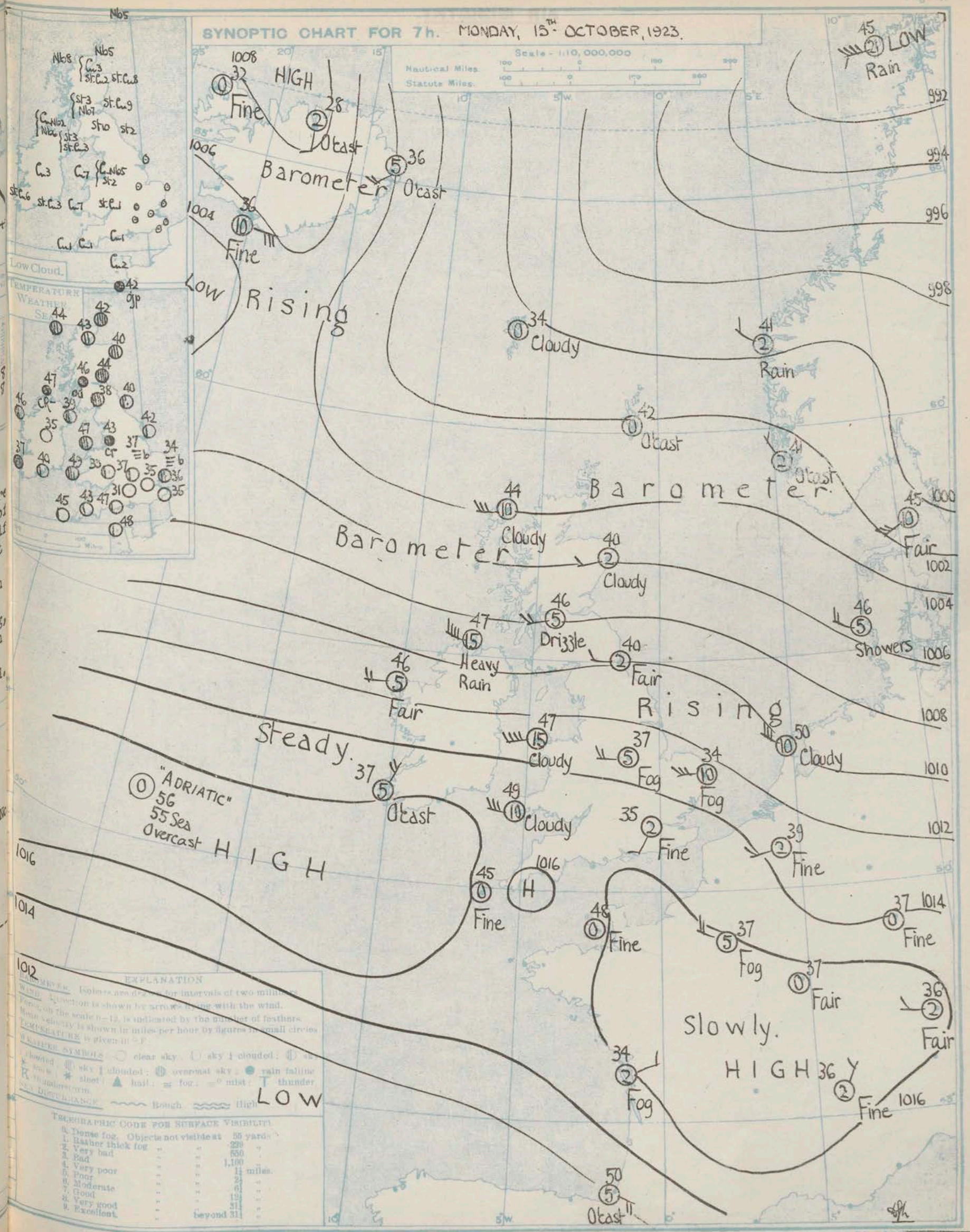
GENERAL INFERENCE.

An anticyclone now covers our southern districts, but there are signs of a depression SW. of Iceland. Over the southern half of England, winds will be light and weather fine with mist and frost at night. Further north winds will be definitely westerly though not very strong and weather fair to cloudy with local showers, while some rain is probable on the N.W. Seaboard.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Monday, 15th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable or westerly winds; fine; mist or fog at night; moderate day temperature, frost in places at night.	Mainly fair in the South. Further Outlook issued for the North.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Wind westerly, light or moderate, fresh in places; fair or cloudy, local showers; mist in places at night; temperature rising somewhat, but risk of night frost.	
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, moderate or fresh; cloudy, some rain or showers; visibility moderate or good; temperature rising.	
19. S.E. Ireland 20. S.W. Ireland	As 7 to 11.	

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

† For Code see opposite page


SYNOPTIC CHART FOR 7h. MONDAY, 15TH OCTOBER, 1923.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Low Cloud.
TEMPERATURE
WEATHER
SEA
HIGH
Fine
O'cast
Barometer
Low
Rising
Cloudy
Rain
LOW
Fair
Drizzle
Heavy Rain
Showers
Steady.
"ADRIATIC"
56
55 Sea
Overcast
H I G H
Fog
Slowly.
EXPLANATION
WIND. Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.
WEATHER SYMBOLS clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISCOLOURAGE 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 " " 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:

 BRITISH SECTION. MONDAY, 15th OCTOBER 1923. No. 288

STATIONS.	Height above M.S.L. in feet.	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 Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	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 Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	54	1002.6	0	N	1	bc	40	97	7	-	-	0	A.St	5	1002.6	-1	-	0	ojp	42	97	8	4000	Nb	5	A.St	10	0
Stornoway	51	1005.0	-1	-	0	c	•	•	5	•	•	•	•	•	1003.8	?	N	3	c	44	92	7	600	Nb	8	•	8	2
Wick	81	1003.8	0	WSW	2	bc+	40	85	8	5700	StCu	5	-	5	1003.2	0	SW	2	o/r	42	97	8	2500	Nb	5	Ci.St	9	0
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.0	0	WNW	4	c	48	75	8	1500	CuNb	7	-	7	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.0	•	N	1	bc-	43	92	8	4000	Cu	5	-	5	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.4	0	SW	1	c	40	85	6	4000	StCu	8	-	8	0
Malin Head	71	1008.9	0	W'S	5	bcp	47	92	9	4000	CuNb	6	-	6	1009.7	0	WNW	4	cR	47	92	8	4000	Nb	8	-	8	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.8	0	WSW	2	od	46	92	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	190	1007.2	+1	W	2	b-	43	92	7	•	Sr	1	-	1	1007.7	+1	WSW	4	o-	44	92	7	•	StCu	9	-	9	2
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.1	0	W	2	c	40	92	8	5700	StCu	7	-	7	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	+2	WSW	2	o	37	92	6	600	St	10	-	10	•
Tynemouth	118	1008.3	+2	N	2	b-	38	97	6	-	-	0	-	0	1010.0	+1	N	1	bc+	40	92	6	1500	St	2	ACu	6	0
Blacksod Point	10	1011.7	+1	N	4	bc-	46	85	7	•	•	•	•	6	1011.7	0	N	2	bc	46	85	9	•	•	•	-	4	4
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.7	0	N	2	bc+	39	92	8	1500	St	6	-	6	3
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.1	•	NW	1	b-	35	97	6	4000	Cu	3	-	3	•
Holyhead	26	1011.4	+1	W'N	4	bc	49	65	8	2500	Cu	6	-	6	1013.6	+3	W'S	4	c	47	75	9	2500	Cu	7	-	7	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+2	W'S	3	cr-	43	92	8	2500	CuNb	7	-	7	4
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.2	+2	WSW	3	b-	41	85	8	4000	CuNb	1	CiSt	2	•
Spurn Head	26	1009.5	+2	WSW	3	b	42	97	6	-	-	0	-	0	1011.6	+3	N	4	b	42	97	5	-	-	0	ACu	3	1
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.5	+3	WSW	3	b	40	85	8	2500	StCu	1	-	1	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.4	+2	N	2	ffb	37	97	2	-	-	0	-	0	•
Cranwell	237	1011.1	+4	W'S	3	b	36	97	6	-	-	0	-	0	1012.9	+2	W'S	3	b	37	97	6	4000	StCu	2	-	2	•
Gorleston	13	1010.2	+1	N	2	b	37	97	7	-	-	0	-	0	1013.2	+2	WSW	3	fb-	34	97	3	-	-	0	-	0	0
Valencia (Cahirciveen)	30	1014.9	+2	-	0	o	43	97	8	-	-	0	ACu	2	1015.9	+1	NEN	2	o-	37	92	8	1500	StCu	6	A.St	9	3
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.3	+1	N	1	b+	40	97	7	4000	StCu	3	-	3	0
Pembroke (St. Ann's H.)	149	1013.8	+3	WNW	3	b	49	65	8	4000	Cu	3	-	3	1014.9	+3	WNW	3	c	49	65	8	2500	Cu	7	-	7	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.8	+2	SW	1	b-	33	92	8	4000	StCu	1	-	1	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.0	+2	N'W	2	b	37	92	8	-	-	0	-	0	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.9	+4	N	1	b	32	97	6	4000	StCu	2	-	2	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.6	+3	-	0	mmb	31	97	6	-	-	0	-	0	•
London (Kew Obsy.)	18	•	•	•	•	•	38	•	•	•	•	•	•	•	1015.4	+3	S'W	1	b	35	92	5	-	-	0	-	0	•
Croydon	244	1012.1	+3	N	3	b	39	92	6	-	-	0	-	0	1014.7	+3	WSW	1	b	37	92	7	-	-	0	-	0	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	+2	NNW	2	bc	36	97	5	-	-	0	Ci.St	5	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	1013.2	+4	NNW	1	fb-	37	83	5	-	-	0	-	0	0
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.6	+3	N	3	b	36	97	5	-	-	0	-	0	•
Lympne	350	1011.9	+4	N'N	3	b	36	97	5	-	-	0	-	0	1015.0	+4	NNW	3	b	34	97	6	-	-	0	-	0	0
Scilly (St. Mary's)	131	1015.3	+2	NNE	1	b	44	85	8	-	-	0	-	0	1015.7	+1	-	0	b	45	85	9	4000	Cu	1	-	1	1
Falmouth (Pendennis)	200	1014.7	+2	N	2	b	45	75	8	5700	StCu	2	-	2	1016.6	+2	-	0	b	43	85	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.0	+3	NE	2	bc+	36	97	6	4000	StCu	2	ACu	5	0
Portland Bill	19	1012.8	+4	NW	2	b-	45	92	8	-	-	0	-	0	1015.0	+4	NW	1	b+	47	85	8	4000	Cu	2	-	2	0
Southampton (Ca.shot)	12	1013.7	+5	WNW	2	b	42	85	8	-	-	0	-	0	1016.0	+2	N.	2	b	36	97	7	-	-	0	-	0	0
Dungeness	21	1011.4	+4	N	2	b-	37	97	7	5700	Cu	1	-	1	1014.3	+3	NNW	2	b	35	97	7	-	-	0	-	0	3
Guernsey	2	1013.7	+3	N	3	b	47	75	7	4000	Cu	1	-	1	1015.7	+2	-	0	b	48	75	9	5700	Cu	2	-	2	0
...	—																											

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

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	bcc	33	50	-	-	7.8	4.8
Berwick-on-Tweed	mxbv	bbcm	31	50	0.2	-	8.7	0.3
Llandudno	cbc	bpc	42	51	15	0.1	4.2	1.9
Colwyn Bay	c	c	41	51	28	-	4.8	2.3
Rhyl	rcbc	bccr	42	51	22	3	4.4	2.3
Southport	bbcb	bccorcb	42	50	7	1	4.7	8.5
Blackpool	bcc	bu	43	52	9	0.1	6.3	8.1
Ilkley	bcx	b	34	54	-	-	6.4	4.8
Harrogate	b	b	36	51	-	-	6.2	4.1
Skegness	mco	ol'pocb	36	50	-	2	1.4	3.2
Aberystwyth	rcc	bc	42	51	12	-	6.0	1.0
Bath	bcb	bccb	35	53	-	-	5.6	4.9
Leamington Spa	-	-	35	47	-	-	3.8	6.5
Lowestoft	bcbbcc	cbcco	37	53	-	-	6.5	6.6
Felixstowe	bbc	cl'lpc	39	53	-	1	4.6	9.1
Southend	bc	bcgcm	38	55	-	-	3.7	6.8

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.
Ilfracombe	cbc	bcc	45	53	2	1	5.8	2.1
Bude	pcprh	pr bc	48	51	0.2	2	5.3	5.6
...								
Paignton	bcp	bcpb	37	55	2	1	9.1	8.8
Torquay	pbcp	pbcc	41	55	1	1	8.2	9.4
Weymouth	bcb	b	40	55	-	?	9.0	5.0
Bournemouth	b	b	42	53	-	-	8.6	5.8
Portsmouth (S'thsea)	b	bm	41	54	-	-	8.7	7.4
Littlehampton	bc	bc	38	54	-	0.1	8.4	9.1
Worthing	bcb	b	37	54	-	-	7.2	5.9
Brighton	bc	bchb	37	54	-	-	6.8	7.7
Eastbourne	cbc	bbc	41	54	-	-	7.0	7.6
Hastings	bcbbc	copbc	39	55	trace	0.1	6.1	8.5
Folkestone	bcb	bcp	39	54	-	1	6.1	9.5
Dover	bbcco	crbcm	40	54	-	0.4	6.7	9.5
Tunbridge Wells	bc	bcpbc	34	54	1	0.3	6.4	7.2
Ramsgate	bbc	bcrbc	?36	?	-	1	5.5	9.1
Margate	bc	cp	39	52	-	1	5.8	9.0
Deal	bbc	pbcbc	38	54	-	trace	6.1	9.3

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. B22608 TUESDAY, 16th OCTOBER 1923.

Observations at 1800 G.M.T. 15

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	1002.8	+1	NW	1	c jp	46	85	8	4000	Nb	3	ASt	8	•
Stornoway	1003.7	0	W	4	o PR	49	92	7	450	St	10	–	10	•
Wick	1003.1	0	WSW	2	o/r	48	85	8	800	St	7	ACu	10	•
Castlebay	1007.2	0	WNW	4	c	50	85	8	2500	St	7	-	7	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1006.1	0	WSW	2	c	52	75	8	2500	StCu	3	ASt	8	1
Malin Head	1009.5	0	W'S	5	o jp	51	85	8	5700	CuNb	5	CiSt	9	•
Renfrew	1009.5	-0	WSW	3	o/r	51	85	7	4000	StCu	7	ASt	10	1
Edinburgh (Inchkeith)	1007.3	-1	WSW	5	0	49	85	7	*	St	2	ASt	9	•
Leuchars	1006.7	0	WSW	4	0	53	65	8	2500	StCu	4	CiSt	10	0
Eskdalemuir	1010.4	0	SW'W	4	0	47	85	7	2500	StCu	10	-	10	1
Tynemouth	1010.2	0	W	2	bc	52	75	7	4000	Cu	3	CiCu	5	•
Blacksod Point	1013.4	+3	W	4	0	50	92	9	*	*	*	*	10	•
Donaghadee	1012.4	0	WSW	3	c+	50	75	8	800	CuNb	4	CiSt	8	•
Birr Castle	1014.7	*	NW	1	c pr$_o$	50	85	8	4000	Cu	7	-	7	•
Holyhead	1014.6	+0	SW	4	c	50	75	9	4000	Cu	6	CiCu	8	0
Liverpool (Bidston)	1014.0	+1	WSW	4	c	49	65	8	2500	StCu	7	-	7	•
Chester (Shotwick)	1014.2	0	WSW	3	0+	52	65	8	4000	StCu	9	-	9	1
Spurn Head	1013.1	-0	WSW	4	c+	50	92	6	4000	Cu	4	CiSt	8	•
Birmingham (Edgbaston)	1015.3	0	SW	4	0-	50	65	7	4000	StCu	9	-	9	1
Nottingham	1014.0	0	[illegible]	3	bc+	52	65	8	2500	StCu	5	CiSt	6	•
Cranwell	1014.6	0	W'SW	4	bc+	52	85	6	4000	Cu	4	CiCu	6	1
Gorleston	1014.8	+1	NW'W	2	bc+	52	65	6	4000	Cu	4	-	4	•
Valencia (Cahirciveen)	1016.9	0	WSW	3	c-	47	75	7	1500	StCu	5	ACu	7	0
Roches Point	1016.4	0	SSW	2	0+	51	75	8	4000	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1016.9	+1	W	3	bc	51	65	8	4000	Cu	4	-	4	•
Ross-on-Wye	1015.3	+1	W	2	bc	53	55	9	4000	StCu	4	-	4	1
Lenfield	1015.5	-1	W'S	2	bc+	50	65	6	5700	Cu	4	ASt	6	•
Andover	1016.6	0	WNW	3	bc	51	65	8	4000	Cu	6	-	6	0
S. Farnborough	1016.5	+0	WSW	2	c	51	75	8	2500	Cu	8	-	8	0
London (Kew Obsy.)	1016.3	+0	W	2	bc	52	65	8	4000	Cu	4	-	4	1
Croydon	1016.5	+1	WNW	1	b	52	65	7	4000	Cu	3	-	3	1
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1016.0	+3	NW	2	b/f	53	65	8	5700	StCu	3	-	3	*
Grain	1016.0	+1	WNW	3	c+	51	65	5	2500	Cu	7	-	7	1
Lympne	1016.0	0	NW	3	bc	53	65	8	4000	Cu	4	-	4	0
Scilly (St Mary's)	1017.4	+2	-	0	b	55	65	9	4000	Cu	2	-	2	•
Falmouth (Penmennis)	1018.4	0	S	2	bc+	51	68	8	5700	StCu	*	-	5	•
Plymouth (Cattewater)	1017.1	0	SSW	2	c-	54	85	8	5700	StCu	7	-	7	0
Portland Bill	1016.9	0	NW	2	-	55	55	8	-	-	0	-	0	
Southampton (Calshot)	1017.2	0	-	0	bc+	55	65	8	4000	Cu	6	-	6	0
Dungeness	1016.3	+2	NW	2	bc	55	75	8	4000	Cu	4	-	4	•
Guernsey	1018.2	-1	-	0	bc+	52	78	9	?	Cu	5	-	5	•

Observations at 1800 G.M.T. 15

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	1003.8	+1	NW	1	bc	40	85	8	7200	StCu	2	ACu	4	0
Stornoway	1002.8	-1	W	2	or r$_o$	47	97	6	450	St	10	-	10	1
Wick	1003.1	0	WNW	1	or r$_o$	45	97	8	2500	Nb	10	-	10	0
Castlebay	1005.0	-3	WSW	4	odd	49	97	7	800	Nb	10	-	10	5
Nairn	1004.1	※	–	0	c+	47	85	8	1500	St	8	-	8	•
Aberdeen	1005.8	-1	SW	2	o/m	47	85	4	2500	StCu	5	ASt	9	0
Malin Head	1008.7	0	WSW	5	or	49	97	7	4000	Nb	5	ASt	10	4
Renfrew	1009.0	-1	WSW	3	or r$_o$	47	97	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	1007.1	-1	WSW	5	or r$_o$	47	92	7	-	St	3	ASt	10	5
Leuchars	1006.9	0	WSW	4	0	46	85	7	-	-	0	ASt	10	•
Eskdalemuir	1010.1	0	SW'W	4	or r$_o$	45	85	6	1500	Nb	10	-	10	•
Tynemouth	1010.7	0	W	2	0	49	75	5	-	-	0	ASt	10	0
Blacksod Point	1012.9	0	W	4	0	50	85	8	※	※	※	※	10	4
Donaghadee	1012.3	0	WSW	3	od$_o$d$_o$	47	92	8	450	St	6	ASt	10	2
Birr Castle	1014.9	※	WSW	1	o+	47	85	7	2500	StCu	9	-	9	•
Holyhead	1014.1	0	SW'W	4	0	51	75	9	2500	StCu	10	-	10	3
Liverpool (Bidston)	1014.1	+1	WSW	3	c+	46	85	8	2500	St	2	ASt	8	3
Chester (Shotwick)	1014.5	0	SW	3	o+	48	75	8	2500	StCu	10	-	10	•
Spurn Head	1013.7	+1	WSW	3	0	48	92	6	5700	StCu	4	CiSt	10	2
Birmingham (Edgbaston)	1016.0	0	WSW	2	mbc	46	75	6	2500	StCu	4	-	4	•
Nottingham	1014.1	0	W	2	b-	44	85	6	2500	Nb	2	CiCu	3	•
Cranwell	1015.0	0	WSW	2	c-	45	92	6	4000	StCu	3	ASt	7	•
Gorleston	1016.1	+1	-	0	bc-	46	75	7	-	-	0	ASt	4	0
Valencia (Cahirciveen)	1016.7	0	W'S	2	c-	48	85	9	2500	StCu	6	ACu	7	3
Roches Point	1016.7	0	NW	1	bc-	49	85	8	4000	StCu	6	-	6	0
Pembroke (St. Ann's H.)	1016.5	0	WSW	4	bc+	50	65	8	4000	Cu	5	-	5	3
Ross-on-Wye	1016.1	+1	WSW	1	bc-	45	75	9	4000	StCu	5	-	5	•
Lenfield	1016.1	+1	WSW	2	bc-	49	55	7	5700	StCu	3	ACu	5	•
Andover	1017.0	+1	-	0	bc	43	85	8	5700	StCu	4	-	4	•
S. Farnborough	1016.7	+1	W'N	2	bc+	41	97	7	4000	StCu	5	-	5	•
London (Kew Obsy.)	1016.8	+1	SW	1	b	47	75	4	2500	Cu	2	ASt	3	•
Croydon	1017.0	+1	SW'W	2	b	44	75	6	-	-	0	CiSt	1	•
Clacton-on-Sea	1016.2	+1	W	2	bc	49	75	6	1500	Cu	4	-	4	0
Shoeburyness	1016.5	+1	-	0	fo+	48	75	3	2500	St	3	ACu	5	•
Grain	1016.8	+2	SW	2	b-	45	85	6	2500	Cu	2	-	2	0
Lympne	1017.3	+2	W'N	3	c+	47	75	6	4000	Cu	7	ASt	8	•
Scilly (St Mary's)	1017.5	0	-	0	b	49	75	9	4000	Cu	1	-	1	1
Falmouth (Penmennis)	1017.7	0	-	0	c+	49	75	8	4000	StCu	7	-	7	0
Plymouth (Cattewater)	1017.3	0	SW	2	bc+	50	65	7	5700	StCu	6	-	6	0
Portland Bill	1017.4	0	WSW	2	bc+	52	65	8	4000	StCu	4	-	4	0
Southampton (Calshot)	1017.4	+1	WSW	1	bc	49	85	8	4000	StCu	6	-	6	0
Dungeness	1016.3	0	W	2	b	50	85	8	-	-	0	ACu	2	3
Guernsey	1018.4	-1	-	0	b-	50	75	8	4000	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. 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. 16								YESTERDAY.		TO-DAY.
Kew	18	bmbc	bcbbm	bmxin	*	*	27	tra	-	9.2	*	*
Croydon } 24 hours ended 0700	244	bmz	bcbz	bmzco	*	*	34	-	-	8.0	*	*
Greenwich (Royal Obsy.)	149	b	b.bcb	bmxco	56	39	32	-	-	9.2	57	76
City (Bunhill Row)	80	*	*	*	*	*	*	-	-	4.5	*	*
Westminster (St. James' Pk.)	27	*	*	*	55	39	34	-	-	8.6	58	75
Regent's Pk. (Botanic Gdns).	–	*	*	*	*	*	*	-	-	5.9	*	*
Camden Square	110	bmc	c	*	55	40	36	-	-	*	*	85
Kensington Palace	80	b	b	*	55	38	31	-	-	*	73 (18h)	79
Hampstead Observatory	450	*	*	*	53	38	30	-	-	8.3	*	80

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 15th

South Kensington Max.	Time.	Min.	Time.
1.0	14h 20m	0.3	15h 40m
1.0	15 9		

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15 18 h. 15 m. to 16 5 30 h. m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.15	8.3	72
δ Ursae Minoris	11.15	6.43	60

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 1900 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.
12h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

16th & 17th Oct. 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.22	11.39	4.55
	6.23	11.38	4.53
Greenwich	6.27	11.46	5.4
	6.28	11.45	5.2
Wick	6.52	11.58	5.3
	6.54	11.57	5.1
Valencia	7.9	12.21	5.44
	7.10	12.26	5.42

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.
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

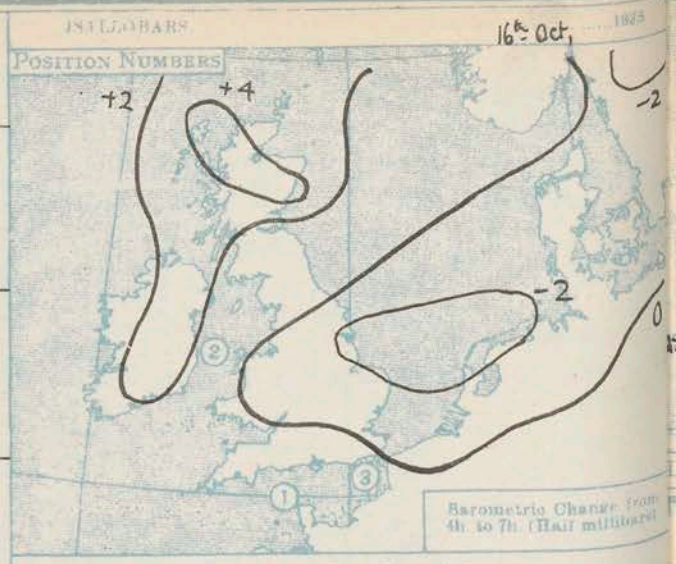
SEA DISTURBANCE.

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 1.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 15	13h.-18h. 15	18h. 15 to 1h. 16	1h.-7h. 16	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. 15 Hours.
Lerwick	cp	bc	bc	bc	46	37	•	2	trace	<0900	-	0.4
Stornoway	p	r	r-d	cpr	50	37	•	5	2	-	-	0.0
Wick	oir₀	oir₀	or₀r₀	or₀r₀	50	41	•	0.4	4	1100	<2100	•
Castlebay	copc	corr	rropc	cbc	51	44	•	2	3	1630	-	1.0
Nairn	cg	cg	ircg	ircg	50	43	•	-	3	-	2200	0.7
Aberdeen	c	cb	oirm	oir₀	53	43	34	-	0.3	-	<2100	2.0
Malin Head	pocо	coir	coir	irbcb	51	48	•	1	2	<0800	<2100	0.1
Renfrew	opr₀m	opr₀	or₀r₀	orbc	53	45	42	1	1	<0800	<2100	0.5
Edinburgh (Inchkeith)	p	o	ooir₀	oo	49	46	44	trace	trace	1100	<2100	0.2
Leuchars	cmo	o	opr₀o	oo	53	39	25	-	0.1	-	-	1.5
Eskdalemuir	oodo	ood	oir₀	oroc	47	42	39	0.4	6	<0800	<2100	0.0
Tynemouth	b-bc	o	com	ir₀	53	46	44	-	trace	-	0130	•
Blacksod Point	p	p	p	c	52	41	•	1	0.3	-	-	•
Donaghadee	cv	cvd	bd	c	51	46	•	trace	1	1730	<2100	•
Birr Castle	copr₀	copr	co	cop₀r	51	45	39	1	trace	1230	-	4.6
Holyhead	cv	cvov	oo	oirpr	52	49	47	-	trace	-	0630	3.9
Liverpool (Bidston)	obcc	bco	o	o	51	43	40	-	-	-	-	2.9
Chester (Shotwick)	bbcc	oco	oco	oo	55	47	41	-	-	-	-	5.4
Spurn Head	b-bc	c	bbc	cobd	50	44	•	-	trace	-	0130	4.4
Birmingham (Edgbaston)	bbcc	obcc	ccm	cor₀	53	41	37	-	0.2	-	0430	7.2
Nottingham	b-bc	c	b	cp₀	52	42	34	-	0.1	-	0630	5.8
Cranwell	b-bc	cm	bbco	oir₀	52	41	33	-	0.2	-	0430	7.9
Gorleston	bbc	bccbc	oo	bccox	53	39	32	-	-	-	-	7.5
Valencia (Cahirciveen)	bcc	bcpv	copbc	copo	53	44	38	0.1	0.6	1630	<2100	6.7
Roches Point	bbco	ocbc	bw	bw	55	42	•	-	0.1	-	-	•
Pembroke (St. Ann's H.)	b-bc	b-bc	op	opc	53	48	•	-	0.6	-	0330	7.5
Ross-on-Wye	bbcv	bcvycv	bcbbc	bcod₀o	54	38	27	-	0.2	-	2400	7.2
Leafield	b-bc	c	c		53	35	26	-	-	-	-	7.1
Andover	bmbc	bc	bcbmx	bcxo	54	30	25	-	-	-	-	8.3
S. Farnborough	bbcc	bcbbc	bcbx	bcco	57	34	26	-	-	-	-	8.4
London (Kew Obsy.)	bmbc	bcbbmbm	bmwm	bmxwc	53	38	27	trace	-	-	-	9.2
Croydon	bmz	bcbz	bmzm	bbco	54	42	34	-	-	-	-	8.0
Clacton-on-Sea	bcmbc	bc	bcc	cco	55	42	36	-	-	-	-	9.3
Shoeburyness	bfb	bbf	bffx	bcmcm	54	40	28	trace	trace	-	-	8.0
Grain	bbcz	czby	bm	bbom	55	36	30	-	-	-	-	7.3
Lympne	bm	bccm	cbcbm	bomw	55	37	37	-	trace	-	-	8.8
Scilly (St. Mary's)	b	b-bc	b	bbc	55	43	•	-	-	-	-	10.0
Falmouth (Pendennis)	r	bc	bcb	bc	56	43	•	-	-	-	-	4.2
Plymouth (Cattewater)	bc	bcy	bcbx	bxfcw	58	35	22	-	-	-	-	7.4
Portland Bill		bbc	bbc	bbc	56	50	•	-	-	-	-	•
Southampton (Calshot)	bmbc	bc	bwbcw	bcw	57	40	35	-	-	-	-	7.2
Dungeness		bbc	bbc	oo	55	40	•	-	-	-	-	•
Guernsey	bbcv	bcb	bbc	bxb	56	47	•	-	-	-	-	•



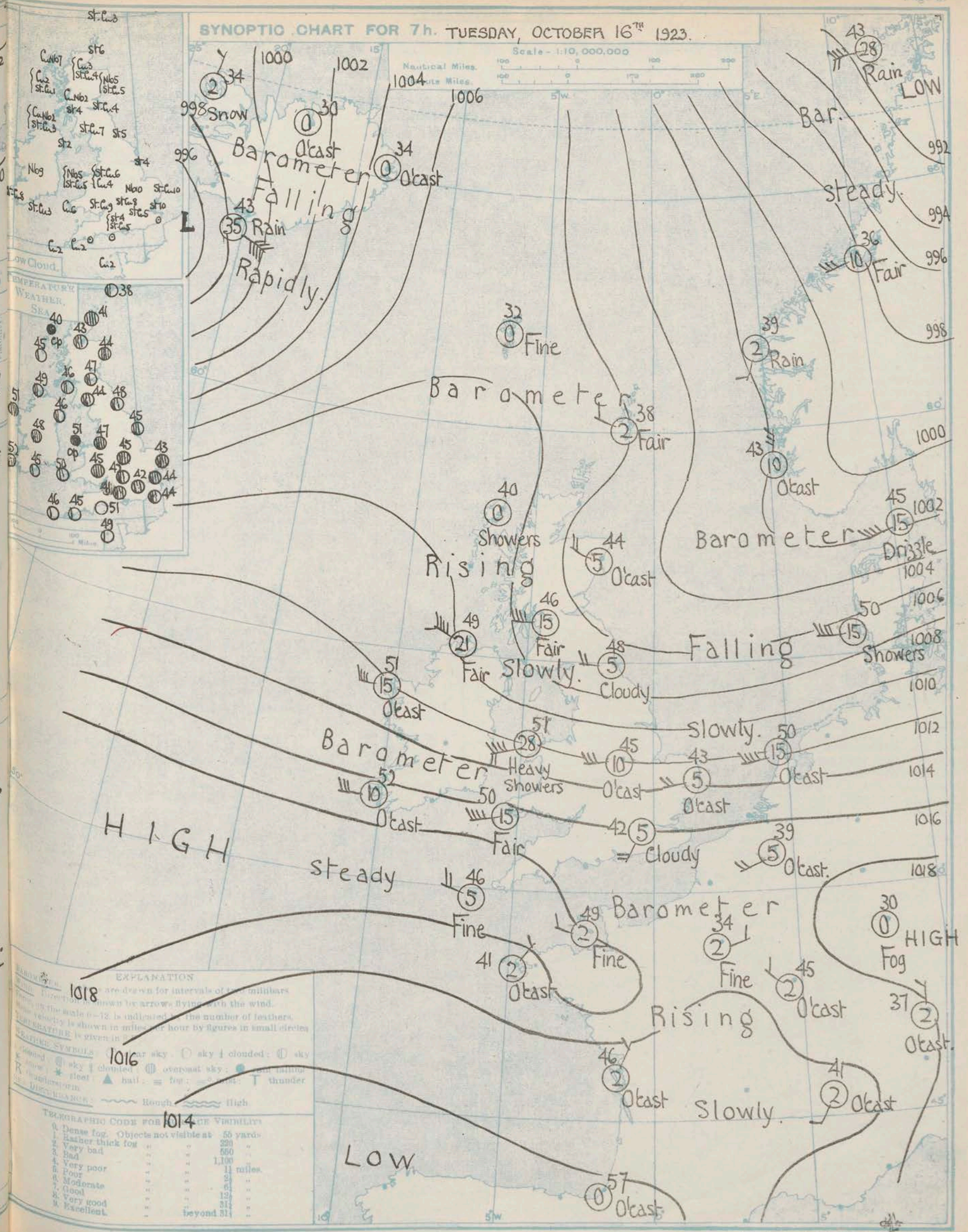
Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force	Weather	Temp. Air	Temp. Sea	Visibility
2	15th 1010	Scotia	WNW	3	bcy	49	53	9
3	16th 0200	Brighton	WNW	4	bv	50	51	9

GENERAL INFERENCE.

The anticyclone will maintain fair weather today in the South. But a new depression which has appeared off the SW. of Iceland seems likely to become a rather vigorous and extensive system, causing freshening westerly winds and some rain later today in the NW., probably spreading afterwards to all districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 16th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind westerly, light or moderate, freshening later; fair today, risk of rain later; some mist or slight fog at night; rather cold.	None issued.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind westerly, light or moderate, increasing; fair at first, probably rain later; visibility moderate; moderate or rather low temperature.	South Cone hoisted 0900 G.M.T. today.
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 westerly, increasing; cloudy to dull, some rain; visibility moderate or good; moderate temperature.	



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Tuesday 16th October 1923. No. 289

Observations at 0100 G.M.T. 16

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	1004.1	0	-	0	bc	38	92	8	-	-	0	A.St	4
Stornoway	51	1004.9	+3	W	3	r	•	•	5	•	•	•	•	•
Wick	81	1002.5	0	NNE	2	or₀	45	97	8	2500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	1007.9	0	W'S	5	cr+	50	97	7	4000	Nb	6	A.Cu	8
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	130	1005.0	-2	SW	5	or₀	48	92	8	×	St	2	A.St	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1009.0	-2	WSW	1	or₀	48	85	6	1500	Nb	10	-	10
Blacksod Point ...	10	1012.7	0	WNW	4	o	50	85	7	×	×	×	×	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013.2	-1	SW'W	4	o	50	75	8	2500	StCu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head 1012.7 ...	26	1011.9	-2	WSW	4	o	46	92	7	2500	St	10	-	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1014.3	-2	SW'W	4	o	43	92	7	4000	StCu	7	A.St	9
Gorleston	13	1015.3	0	SW	2	b-	41	85	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1017.2	+1	W	2	o+	50	97	9	×	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1016.2	-1	W	5	orr	49	85	8	1500	Nb	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	40	•	•	•	•	•	•	•
Croydon	244	1016.8	-1	NSW	2	b	44	75	7	-	-	0	Cu	1
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1016.5	-2	NNW	3	b	40	92	6	-	-	0	-	0
Scilly (St. Mary's) ...	131	1018.2	0	-	0	b	44	85	9	4000	Cu	1	-	1
Falmouth (Pendennis)	200	1018.1	0	-	0	b-	45	75	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1016.6	0	W	1	bc+	51	~~53~~ 5	8	4000	StCu	6	-	6
Southampton (Ca. shot)	12	1017.3	-1	-	0	bc+	44	92	7	4000	StCu	5	-	5
Dungeness	21	1016.5	0	SW	1	bc+	42	97	7	4000	Nb	4	-	4
... ...		•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	—	1018.7	0	-	0	b	49	75	7	5700	Cu	2	-	2

Observations at 0700 G.M.T. 16

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	Sea. 0-9
Lerwick	1006.3	+2	NW	1	bc	38	92	8	4000	StCu	3	A.St	5	0
Stornoway	1008.5	+4	-	0	cpr₀	40	97	6	1500	CuNb	7	-	7	1
Wick	1005.7	+3	NW	1	o/r	41	92	8	2500	St	6	Ci St	9	0
Castlebay	1009.9	+3	N	3	b	45	75	8	4000	Cu	3	-	3	3
Nairn	1007.3	•	NNW	1	c/r	43	92	8	4000	StCu	7	-	7	•
Aberdeen	1005.7	+4	NW	2	o/r	44	92	7	1500	Nb	10	-	10	0
Malin Head	1009.9	+2	NNW	5	bc/r	49	85	9	5700	StCu	5	-	5	4
Renfrew	1007.0	+1	W	4	bc	46	92	8	1500	St	5	-	5	•
Edinburgh (Inchkeith)	1005.0	+1	WSW	5	bc-	47	92	7	×	StCu	4	A.Cu	6	3
Leuchars	1004.7	+1	W	3	o	44	97	8	4000	StCu	9	-	9	•
Eskdalemuir	1007.6	+1	W	4	c	44	85	7	2500	StCu	7	-	7	•
Tynemouth	1006.9	0	W	2	c/r	48	85	7	800	St	5	A.Cu	8	0
Blacksod Point ...	1013.4	+1	WNW	4	o	51	92	7	×	×	×	×	10	1
Donaghadee	1011.9	+2	WSW	2	bc-	46	~~75~~ 98	8	800	St	5	-	5	2
Birr Castle	1014.6	•	W	1	o	48	92	6	2500	Nb	9	-	9	•
Holyhead	1012.5	0	WSW	6	opr	51	85	7	1500	Nb	10	-	10	4
Liverpool (Bidston) ...	1011.4	-1	WSW	5	o	47	85	6	2500	StCu	10	-	10	5
Chester (Shotwick) ...	1012.0	-1	WSW	4	o	49	75	8	2500	StCu	10	-	10	•
Spurn Head	1010.0	-2	SW	4	c/r	45	97	6	1500	St	4	A.Cu	8	2
Birmingham (Edgbaston)	1013.9	-1	SSW	3	or₀	43	92	8	2500	Nb	6	A.St	10	•
Nottingham	[illegible]	-1	W	3	o	45	85	5	1500	Nb	10	-	10	•
Cranwell	1012.4	-1	WSW	4	or₀	44	97	7	2500	St	10	-	10	•
Gorleston	1014.1	-1	WSW	2	o-	43	85	6	5700	StCu	10	-	10	0
Valencia (Cahirciveen)	1017.3	0	W	3	o	52	85	7	1500	StCu	8	A.St	10	3
Roches Point	1017.5	0	W	2	b	45	97	8	4000	StCu	3	-	3	0
Pembroke (St. Ann's H.)	1016.2	0	W	4	bc	50	75	8	4000	Cu	6	-	6	4
Ross-on-Wye	1014.8	-1	SW'S	3	o	45	85	7	4000	StCu	9	-	9	•
Leafield	1016.2	-1	NW	2	c+	42	97	8	7200	StCu	8	-	8	•
Andover	1016.6	0	-	0	o+	35	97	7	2500	StCu	9	-	9	•
S. Farnborough ...	1015.9	0	W	2	o	41	97	7	1500	StCu	9	-	9	•
London (Kew Obsy.) ...	1016.0	0	SSW	2	c+	42	92	6	4000	StCu	5	A.Cu	8	•
Croydon	1016.1	-1	WSW	3	o	45	75	7	4000	StCu	9	-	9	•
Clacton-on-Sea ...	1014.8	-1	WSW	3	o	44	85	6	2500	St	10	-	10	1
Shoeburyness	1015.4	-1	WSW	2	mc-	45	85	6	4000	Cu	8	-	8	•
Grain	1015.4	0	SW	3	o-	44	85	6	4000	StCu	9	-	9	0
Lympne	1016.4	+1	WNW	3	o	40	92	8	5700	StCu	3	A.Cu	9	•
Scilly (St. Mary's) ...	1018.2	0	NW	2	b	46	85	9	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1018.4	0	-	0	b	45	75	8	5700	Cu	2	-	2	0
Plymouth (Cattewater)	1018.0	0	NE	2	Fb-	35	97	7	-	-	0	-	0	0
Portland Bill	1017.1	0	SW	3	b	51	~~53~~ 55	8	-	-	0	-	0	0
Southampton (Ca. shot)	1017.0	0	WSW	4	bc	42	85	8	5700	StCu	1	A.Cu	4	0
Dungeness	1016.2	0	-	0	c-	44	92	7	-	-	0	A.Cu	7	3
... ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Guernsey	1017.9	+1	WNW	1	b	49	75	9	4000	Cu	2	-	2	0

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 14-15 °F.	Temperature. Max. Day. 15 °F.	Rainfall.† Night 17h.-9h. 14-15 mm.	Rainfall.† Day 9h.-17h. 15 mm.	Sunshine. Sunrise to 17h. 15 hr.	Sunshine. Sunrise to Sunset. 14 hr.
Montrose	oco	co	33	52	-	-	0·0	7·8
Berwick-on-Tweed	mcbc	pr₀bc	35	51	-	0·1	3·9	8·7
Llandudno	bccb	ccb	45	52	0·2	-	4·6	4·2
Colwyn Bay ...	c	c	42	53	1	-	5·5	4·8
Rhyl	bc	bcbc	41	55	1	-	4·7	4·4
Southport	ocrbc	cbcco	44	51	2	-	1·6	4·7
Blackpool	cp	ou	45	53	2	0·1	3·9	6·3
Ilkley	xbcb	bbcc	29	52	-	-	4·7	6·4
Harrogate	b	b	35	52	-	-	6·5	6·2
Skegness	b	o	33	53	0·1	-	8·2	1·4
Aberystwyth ...	rcb	b	42	53	3	-	6·5	6·0
Bath	b	bbc	31	55	-	-	7·0	5·6
Leamington Spa ...	bbc	bccb	30	53	-	-	8·8	3·8
Lowestoft	b	bcbco	33	53	-	-	7·9	6·5
Felixstowe	bm	bbc	37	54	-	-	8·7	4·6
Southend	mcbc	bccm	35	55	0·1	-	5·8	3·7

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 14-15 °F.	Temperature. Max. Day. 15 °F.	Rainfall.† Night 17h.-9h. 14-15 mm.	Rainfall.† Day 9h.-17h. 15 mm.	Sunshine. Sunrise to 17h. 15 hr.	Sunshine. Sunrise to Sunset. 14 hr.
Ilfracombe	bc	bcbc	46	54	-	-	5·5	5·8
Bude	cpcbc	cbcc	38	58	0·2	0·2	3·2	6·3
Penzance								
Paignton	bbc	cbc	36	57	-	-	5·2	9·1
Torquay	b	b	38	54	-	-	5·6	8·2
Weymouth	b	bbc	35	59	-	-	8·7	9·0
Bournemouth ...	b	bocm	33	56	-	-	6·1	8·6
Portsmouth (S'thsea)	bm	bbc	38	56	-	-	8·4	8·7
Littlehampton ...	bmbc	bc	33	55	-	-	9·1	8·4
Worthing	b	b	37	56	-	-	9·6	7·2
Brighton	b	b	39	54	-	-	8·5	6·8
Eastbourne	b	b	39	55	-	-	9·7	7·0
Hastings	b	b	37	55	-	-	9·5	6·1
Folkestone	b	b	38	56	-	-	9·1	6·1
Dover	ombcb	bcbm	39	55	-	-	8·2	6·7
Tunbridge Wells ...	b	bbc	33	56	-	-	7·8	6·1
Ramsgate	b	bbcbm	35	*	0·5	-	8·2	5·5
Margate	b	bbc	41	52	-	-	6·5	6·5
Deal	bb	bbcm	37	56	-	-	8·3	6·1

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22609 WEDNESDAY, 17TH OCTOBER 1923.

Observations at 1800 G.M.T. 16

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	1009·0	+2	NNW	1	bc/p	44	85	8	4000	Cu	5	-	5	•
Stornoway	1010·7	+2	NW	2	c+	47	85	7	1500	CuNb	8	-	8	•
Wick	1009·7	+3	NW	2	bc	46	75	8	2500	CuNb	6	-	6	•
Castlebay	1012·3	+1	SSW	2	b	50	65	8	4000	StCu	1	-	1	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011·3	+3	NW	4	b-	48	75	8	2500	Cu	2	-	2	1
Malin Head	1013·1	+1	W	4	0+	51	85	9	4000	StCu	9	-	9	•
Renfrew	1011·5	+4	WNW	3	b+	52	65	9	1500	StCu	3	-	3	1
Edinburgh (Inchkeith)	1010·7	+5	E	2	c	48	85	9	*	StCu	8	-	8	•
Leuchars	1009·9	+3	N	2	0	50	65	8	4000	StCu	9	-	9	0
Eskdalemuir	1010·7	+3	W'N	4	bc	50	65	8	2500	StCu	6	-	6	1
Tynemouth	1010·0	+3	W	2	0r₀	47	87	6	1500	Nb	10	-	10	•
Blacksod Point	1015·9	+3	W'N	4	0'	53	92	8	*	*	*	*	10	•
Donaghadee	1013·9	+2	W'N	3	bc+	54	75	8	1500	StCu	5	-	5	•
Birr Castle	[illegible]	*	W	2	0	54	85	7	4000	Nb	9	-	9	•
Holyhead	1014·9	+2	W	5	0	53	[illegible]	8	1500	StCu	7	ACu	9	0
Liverpool (Bidston)	1013·4	+2	W'S	6	c	53	85	7	1500	CuNb	7	-	7	•
Chester (Shotwick)	1013·9	+2	W'N	5	0-	55	75	8	2500	Cu	5	ACu	9	1
Spurn Head	10104	-1	WNW	6	c0r₀	49	97	6	2500	StCu	8	-	8	•
Birmingham (Edgbaston)	1014·7	+1	WSW	4	0r₀	51	75	7	4000	CuNb	10	-	10	1
Nottingham	1013·0	+1	W	5	c	53	75	7	2500	StCu	6	CiSt	7	•
Crathwell	1012·9	+0	W'S	4	c	52	92	7	2500	StCu	6	ACu	8	1
Gorleston	1013·4	0	WSW	3	0/r	50	75	7	4000	Nb	10	-	10	•
Valencia (Cahirciveen)	1020·0	+2	W	4	c	54	85	8	1500	StCu	8	-	8	1
Roches Point	1019·0	+1	W	2	0	55	85	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1018·2	+1	W	4	c	53	85	8	4000	StCu	8	-	8	•
Ross-on-Wye	1015·7	+2	W'N	4	0+	54	65	9	4000	StCu	10	-	10	0
Leafield														
Andover	1016·8	+0	W	5	bc-	55	75	8	4000	StCu	6	-	6	0
S. Farnborough	1016·4	0	W	4	c	57	65	8	1500	Cu	7	-	7	0
London (Kew Obsy.)	1016·0	0	WSW	3	0	54	65	8	4000	StCu	10	-	10	1
Croydon	1015·8	-1	W	3	c+	56	65	7	4000	StCu	7	-	7	0
Gleston-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1015·4	-1	WNW	3	bm-	54	65	6	4000	StCu	3	-	3	*
Grain	1016·2	-1	W'S	5	bc-	56	65	7	2500	Cu	5	-	5	1
Lympne	1015·5	-1	WNW	4	bc	54	65	8	2500	Cu	6	-	6	0
Scilly (St. Mary's)	1020·5	+2	NW	3	b	55	75	9	4000	Cu	1	-	1	•
Falmouth (Pendennis)	1019·4	0	NW	3	bc+	56	65	8	5700	Cu	4	-	4	•
Plymouth (Cattewater)	1019·1	0	NW	3	0+	53	75	8	2500	StCu	9	-	9	0
Portland Bill	1017·4	+2	SW	3	b+	55	55	8	4000	Cu	2	-	2	•
Southampton (Calshot)	1017·7	-1	WSW	4	bc-	56	65	8	2500	Cu	4	-	4	0
Dungeness	1016·1	0	W	2	b	57	75	8	4000	Cu	2	-	2	•
Guernsey	1019·5	+0	NW	3	bc	53	75	9	5700	Cu	6	-	6	•

Observations at 1800 G.M.T. 16

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	1009·8	+2	NW	1	c	42	85	8	5700	StCu	5	ASt	8	0
Stornoway	1010·2	-1	-	0	0+	46	85	7	800	St	10	-	10	0
Wick	1011·3	+2	WSW	1	bc	37	92	9	-	-	0	ACu	6	0
Castlebay	1011·5	0	SSW	4	0 Pr	50	85	7	1500	Nb	10	-	10	4
Nairn	1011·9	*	-	0	bc-	40	85	8	4000	Cu	5	-	5	•
Aberdeen	1013·1	+3	NW	1	b-	40	92	4	-	-	0	ACu	1	0
Malin Head	1013·6	+1	WSW	4	0/r	51	97	7	1500	St	7	CSt	10	3
Renfrew	1014·4	+3	WNW	2	b	44	85	7	5700	StCu	1	-	1	•
Edinburgh (Inchkeith)	1013·3	+3	NNW	1	c	48	75	8	-	StCu	7	-	7	1
Leuchars	1012·9	+4	-	0	b-	41	85	8	4000	StCu	7	-	1	•
Eskdalemuir	1014·6	+3	W'N	4	b	42	75	6	-	-	0	-	0	•
Tynemouth	1014·0	+3	NNW	1	c/r	46	85	6	1500	hb	8	-	8	0
Blacksod Point	1017·2	+1	W	4	0	52	92	7	*	*	*	*	10	3
Donaghadee	1015·2	+1	-	0	0+	50	92	8	1500	St	10	-	10	3
Birr Castle	1018·3	*	W	1	c-	52	85	7	4000	StCu	7	-	7	•
Holyhead	1016·5	+2	W'S	4	0	54	85	8	2500	StCu	10	-	10	3
Liverpool (Bidston)	1015·8	+3	W	5	0	52	85	6	2500	StCu	10	-	10	5
Chester (Shotwick)	1016·1	+2	WNW	4	0	52	85	8	1500	St	10	-	10	•
Spurn Head	1014·2	+4	NNW	3	c	48	97	7	4000	hb	8	-	8	1
Birmingham (Edgbaston)	1017·1	+3	WSW	3	bc	50	85	6	2500	StCu	5	-	5	•
Nottingham	1015·9	+3	W	3	b-	50	85	6	2500	StCu	2	-	2	•
Crathwell	1015·8	+4	W	3	bc-	47	97	6	2500	StCu	6	-	6	•
Gorleston	1014·5	+1	W	3	0pr₀	51	75	6	4000	hb	8	CiSt	10	0
Valencia (Cahirciveen)	1021·3	+2	W	3	0+	53	85	8	1500	St	7	ASt	10	3
Roches Point	1020·4	+3	W	2	0	53	92	8	2500	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1019·1	+2	W	4	0	53	85	8	4000	StCu	9	-	9	4
Ross-on-Wye	1017·8	+3	W'S	2	0	51	85	8	4000	StCu	9	-	9	•
Leafield	1017·3	+3	NW'W	2	bc/r	48	97	3	-	-	0	ACu	4	•
Andover	1018·5	+4	W	3	c	50	85	8	4000	StCu	8	-	8	•
S. Farnborough	1017·8	+3	W	3	0	51	85	8	1500	StCu	10	-	10	•
London (Kew Obsy.)	1017·8	+3	WSW	1	0	50	85	5	4000	StCu	10	-	10	•
Croydon	1017·9	+4	W'S	2	0pr₀	51	75	6	2500	StCu	10	-	10	•
Gleston-on-Sea	1015·9	+2	WSW	3	c	51	85	7	2500	St	8	-	8	1
Shoeburyness	1016·8	+2	W	1	mo+	52	85	5	1500	St	10	-	10	•
Grain	1017·1	+3	WSW	4	0	52	75	7	2500	StCu	10	-	10	•
Lympne	1017·5	+3	W'N	3	c+	49	85	6	4000	StCu	5	ASt	7	•
Scilly (St. Mary's)	1021·3	+1	NW	3	b	51	85	9	4000	Cu	2	-	2	3
Falmouth (Pendennis)	1020·9	+3	NW	3	b-	51	85	8	5700	Cu	3	-	3	0
Plymouth (Cattewater)	1020·7	+3	W'N	2	0	53	75	8	4000	StCu	10	-	10	0
Portland Bill	1019·0	+2	W	3	bc+	55	55	8	-	-	0	ACu	6	0
Southampton (Calshot)	1019·4	+4	W	2	b	50	75	8	4000	CuNb	2	-	2	0
Dungeness	1017·5	+2	W	3	c+	52	85	8	4000	StCu	7	-	7	3
Guernsey	1024·3	+3	W'N	2	b+	50	85	8	5700	Cu	1	-	1	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 1800 G.M.T. 17								YESTERDAY.	TO-DAY.	
Kew	18	cmnc	obcob	bcnmb	*	*	40	-	02	4·2	*	*
Croydon } 24 hours ended 0700	244	obcz	ozp	ofcpcf	*	*	42	tr	1	4·9	*	*
Greenwich (Royal Obsy.)	149	c	co	obcobc	56	47	40	-	-	3·8	70	81
City (Bunhill Row)	80	*	*	*	*	*	*	-	-	2·4	*	*
Westminster (St. James' Pk.)	27	*	*	*	56	47	42	-	-	3·6	67	82
Greenwich Pk. (Botanic Gdns).	—	*	*	*	*	*	*	-	-	2·3	*	*
Camden Square	110	p	p	*	56	46	42	-	-	*	*	91
Kensington Palace	80	bcc	co	*	55	47	37	-	-	*	80 (18h)	93
Hampstead Observatory	450	*	*	*	54	44	36	-	-	2·8	*	93

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 16

South Kensington

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

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 16h ... to 17h ...

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 = Rare ground frozen (but less than 2 ins. deep).
4 = Rare ground frozen (but more than 2 ins. deep).
5 = Dew (on 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.	Direct.
13h.	-	-	-	-
17h.	-	-	-	-
21h.	-	-	-	-
23h.	-	-	-	-

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

17th & 18th Oct. 1923.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·23	11.38	4.53
	6.25	11.38	4.51
Greenwich	6.28	11.45	5.2
	6.30	11.45	5.0
Wick	6.54	11.57	5.1
	6.56	11.57	4.58
Valencia	7.10	12.26	5.42
	7.12	12.26	5.40

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.
HQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

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

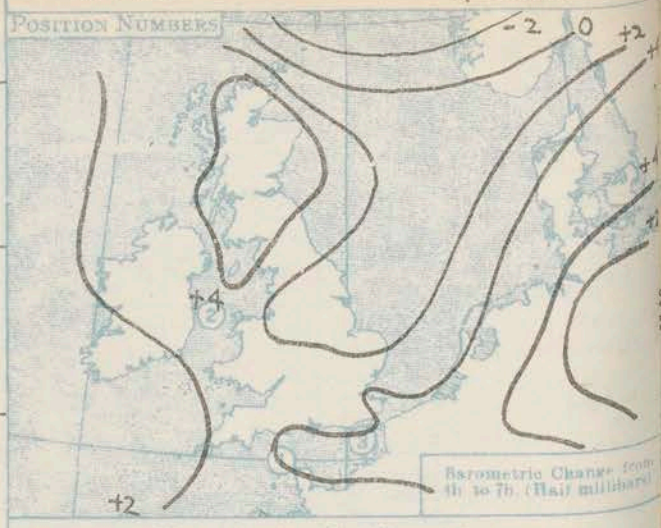
SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 16	18h.-18h. 16	18h. 16 to 1h. 17	1h.-7h. 17	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. 16 Hours.
Lerwick	bc	c	omr	cpr	47	41	•	-	2	-	<2100	5.2
Stornoway	c	c	r-d	cp	50	43	•	0.2	2	-	-	4.1
Wick	ocp	c	oo	ocPR	47	34	•	0.3	2	<0800	0130	•
Castlebay	bcb	bop	opc	cbc	53	49	•	trace	1	-	-	5.9
Nairn	cbc	bc	bcirac	irc	44	37	•	-	2	-	2200	4.1
Aberdeen	objp	bbm	boir	irmc	48	37	27	-	1	-	2200	6.2
Malin Head	bccov	adoc	oimd	cobce	52	48	•	trace	0.4	1530	<2100	2.4
Renfrew	bcbv	bbv	oo	opc	52	43	38	-	1	-	2400	9.0
Edinburgh (Inchkeith)	c	c	oom	cr	52	44	41	-	0.1	-	0130	2.2
Leuchars	oco	ocbcvb	ocbc	bcbw	52	36	19	-	-	-	-	4.6
Eskdalemuir	cocbc	bcb	bbcc	corbco	50	38	21	trace	0.4	<0800	0230	4.1
Tynemouth	cirom	irom	cifm	oom	54	41	38	2	-	1230	-	•
Blacksod Point	oo	o	f-m	p	55	47	•	-	0.4	-	-	•
Donaghadee	bc	o	o	o	55	46	•	-	-	-	-	•
Birr Castle	co	co	?	orr	55	48	40	-	0.2	-	0630	0.3
Holyhead	oo	o	oo	oor	54	51	49	0.1	trace	<0800	0630	0.0
Liverpool (Bidston)	opoc	co	op		55	47	45	-	4	-	<2100	1.9
Chester (Shotwick)	oprco	ocoo	orrom	omom	56	51	48	trace	1	<0800	<2100	2.5
Spurn Head	p	copco	cbmcmw	oo	52	44	•	3	-	1230	-	3.8
Birmingham (Edgbaston)	bco	c	bcbo	c	54	46	42	trace	-	<0800	-	2.4
Nottingham	cpo	c	oco	oop	55	44	38	0.1	0.1	1100	2400	2.5
Cranwell	orbc	o	bco	omo	55	42	36	1	-	<0800	-	4.1
Gorleston	oprco	cibor	bz	czdo	53	40	37	0.2	trace	1100	0430	1.0
Valencia (Cahirciveen)	opc	coco	oord	oom	54	51	49	0.4	0.1	<0800	-	0.5
Roches Point	bo	o	o	o	55	49	•	-	-	-	-	•
Pembroke (St. Ann's H.)	c	c	oo	oo	54	50	•	-	-	-	-	2.0
Ross-on-Wye	cbccrov	opoc	cbcco	oco	54	47	41	trace	-	1430	-	2.7
Leafield		rord	c		55	42	34	trace	-	-	-	3.5
Andover	ocbc	b-bc	cbc	cmom	56	42	32	-	-	-	-	5.6
S. Farnborough	oc	obco	obm	bm	58	41	36	-	-	-	-	6.1
London (Kew Obsy.)	cmwo	obcob	bcmnbm	bmopm	55	47	40	-	0.2	-	0230	4.2
Croydon	obcz	ozpo	obm	obr	56	47	42	trace	1	1730	0330	4.9
Clacton-on-Sea	ogcpbc	bccp	cbc	bccm	55	45	42	0.2	-	1100	-	2.5
Shoeburyness	cmbcbm	bmbcc	oidmc	bcbm	54	46	40	0.2	trace	1630	<2100	3.9
Grain	obcm	oprom ocom	opor	ormq	57	44	36	trace	0.2	-	-	5.4
Lympne	oc	ocm	cbccom	omrw	56	42	?	-	trace	-	0530	6.5
Scilly (St. Mary's)	b-bc	bc	bbc	bc	58	49	•	-	-	-	-	1.7
Falmouth (Pendennis)	bc	bc	b	bcco	56	47	•	-	-	-	-	8.3
Plymouth (Cattewater)	bfcwo	o	ob	bbm	55	40	25	-	-	-	-	6.2
Portland Bill	b-bc	b-bc	bbc	bbc	56	52	•	-	-	-	-	•
Southampton (Calshot)	c	c	bwbw	bw	57	46	46	trace	-	-	-	5.2
Dungeness	b-bc	c	c	oo	57	43	•	-	-	-	-	•
							•					
Guernsey	bbcv	bv	bbc	bbcc	54	48	•	-	-	-	-	•

ISALLOBARS 17th Oct. 1923



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	16th 1000	Scotia	WNW	4	bc	53	54	8
1	" 1200	Ibex	NW	3	bc	55	57	7
3	17th 0300	Arundel	NW	2	bc	53	57	8

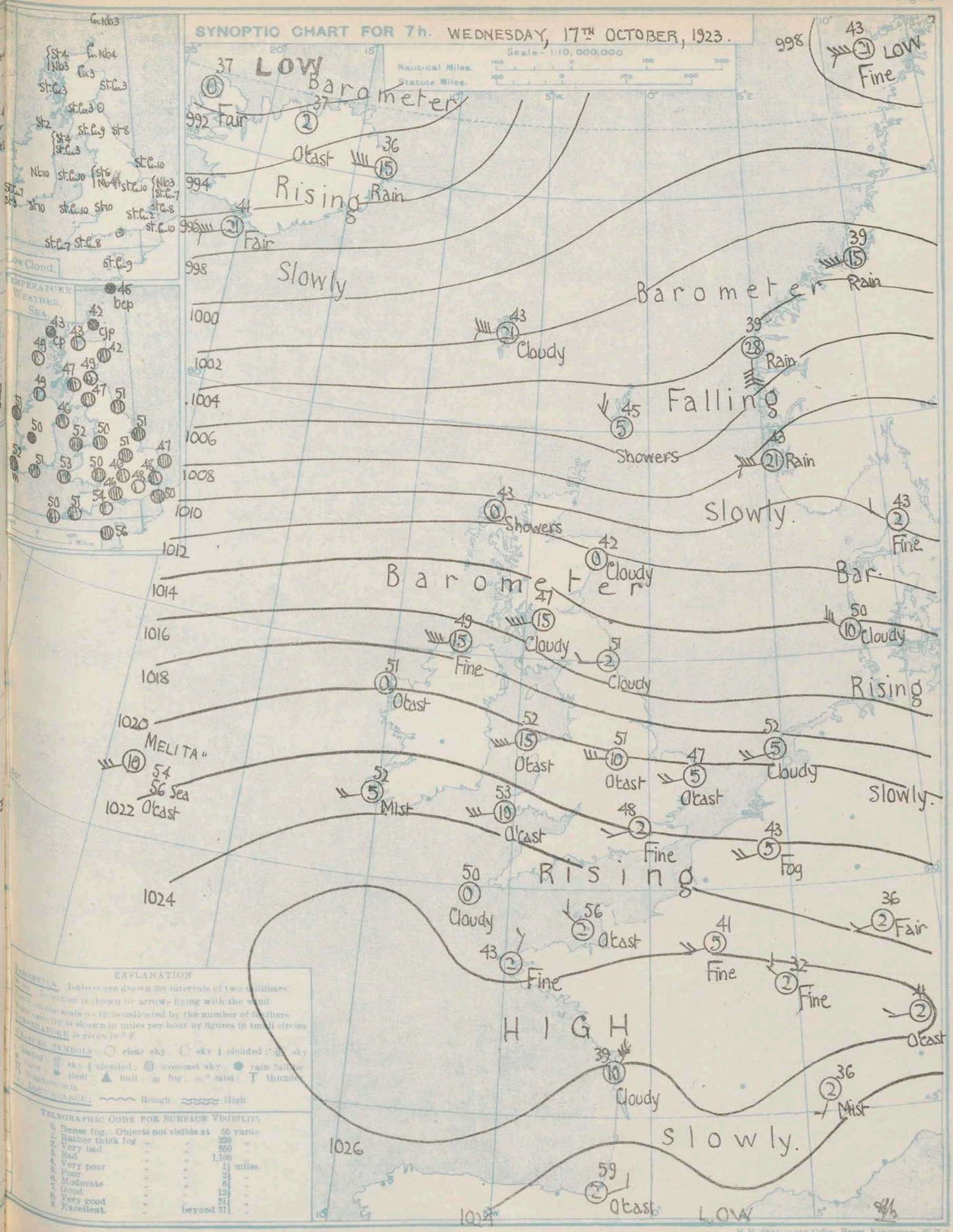
GENERAL INFERENCE.

The pressure distribution remains unchanged with the barometer highest to southwards, and a depression beyond Iceland. Winds will continue mainly westerly with fair weather apart from local showers in the North, and a moderate temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 17th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable or westerly breezes; fair; mist or fog at night; moderate temperature.	Fair in the South and mainly fair in the North.
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 westerly, light or moderate; fair, cloudy at times, local showers; mist or fog locally at night; moderate temperature.	

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

§ For Code see opposite page



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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Wednesday 17th October 1923. No. 290.

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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1006.5	-3	S	2	of.	45	85	6	4000	Nb	10	·	10
Stornoway	51	1009.3	+3	SW	4	r	·	·	4	·	·	·	·	·
Wick	81	1006.4	-5	SW	4	o	46	92	8	1500	St	10	·	10
Castlebay	37	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	71	1014.6	+3	W	5	c/r	51	92	7	4000	Nb	5	A.Cu	8
Renfrew	38	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	190	1011.7	-3	SW	4	o/f	49	97	8	·	St	10	-	10
Leuchars	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	118	1015.6	0	W	1	o/f	44	85	6	800	St	4	A.St	10
Blacksod Point	10	1019.2	+2	W	4	o	51	92	5	·	·	·	·	10
Donaghadee	35	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	175	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	26	1018.8	+1	WSW	4	o	53	85	8	1500	St	10	·	10
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	26	1017.8	+1	SW	2	mmo	44	97	5	800	St	10	-	10
Birmingham (Edgbaston)	525	·	·	·	·	·	·	·	·	·	·	·	·	·
Nottingham	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	237	1019.3	+3	WSW	2	o	47	97	6	1500	StCu	10	-	10
Gorleston	13	1019.4	+3	W'S	2	b	41	92	6	·	·	0	-	0
Valencia (Cahirciveen)	30	1021.4	+1	SW	2	o	53	92	8	·	St	10	-	10
Roches Point	32	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	149	1022.0	+2	WNW	3	o	53	85	8	4000	StCu	10	-	10
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	556	·	·	·	·	·	·	·	·	·	·	·	·	·
Andover	295	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	47	·	·	·	·	·	·	·
Croydon	244	1020.8	+2	W	3	c	49	92	7	4000	StCu	7	-	7
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	20	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	1021.0	+3	WNW	3	o	44	97	6	·	·	0	A.St	10
Scilly (St. Mary's)	131	1023.9	+1	NW	2	b	50	92	8	4000	Cu	2	-	2
Falmouth (Pendennis)	200	1023.3	+2	NW	3	b	49	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	19	1022.0	+2	WNW	3	b-	53	75	8	·	·	0	-	0
Southampton (Ca.shot)	12	1022.8	+3	SW	1	b	47	92	8	4000	StCu	2	-	2
Dungeness	21	1021.0	+4	NW	2	o+	44	97	7	-	·	0	A.St	10
Guernsey	-	1023.6	+2	WNW	1	b	51	85	7	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 Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1005.8	-4	NW	2	bcpo	45	85	6	4000	CuNb	3	CiCu	4	1
Stornoway	1012.0	+3	-	0	cpo	43	97	6	450	St	7	-	7	0
Wick	1009.9	+5	W	2	cjp	42	92	8	2500	CuNb	4	Ci	7	0
Castlebay	1015.2	+2	WNW	4	bc	49	75	8	4000	StCu	3	A.St	5	3
Nairn	1012.5	·	-	0	bc/r	43	85	8	4000	Cu	3	ACu	6	·
Aberdeen	1012.7	+4	-	0	c	42	92	6	2500	StCu	3	ASt	7	0
Malin Head	1017.7	+3	W'N	3	b	49	85	8	4000	St	2	-	2	1
Renfrew	1015.9	+4	WSW	4	c	47	85	7	4000	StCu	3	Ci	7	·
Edinburgh (Inchkeith)	1013.6	+4	W	4	bc/r	49	92	7	*	-	0	CiCu	6	2
Leuchars	1012.9	+4	W	3	bc	43	85	8	4000	StCu	2	Ci	4	·
Eskdalemuir	1016.6	+4	W	4	o	47	85	7	1500	StCu	9	-	9	·
Tynemouth	1015.3	+2	W	1	c-	51	85	6	800	St	8	·	8	1
Blacksod Point	1020.1	+2	-	0	o	51	97	7	·	·	·	·	10	4
Donaghadee	1018.7	+3	-	0	c	46	92	8	800	St	7	-	7	2
Birr Castle	1021.5	·	S	1	og.	50	97	6	1500	Nb	10	·	10	·
Holyhead	1020.6	+3	SW'W	4	o/r	52	92	8	4000	StCu	10	·	10	3
Liverpool (Bidston)	1019.4	+1	WSW	4	d/r	50	92	6	1500	St	10	·	10	5
Chester (Shotwick)	1019.7	+1	SW	3	o	52	85	6	1500	St	10	-	10	
Spurn Head	1018.9	+2	WSW	4	o	51	92	6	4000	StCu	10	-	10	1
Birmingham (Edgbaston)	1021.6	+2	SSW	3	o	49	85	7	2500	St	10	-	10	·
Nottingham	1019.8	+1	W	3	o	51	85	6	2500	StCu	10	-	10	·
Cranwell	1019.9	+1	WSW	3	o	50	97	7	2500	StCu	10	-	10	·
Gorleston	1020.5	+1	WSW	2	o+	47	92	6	4000	StCu	10	-	10	0
Valencia (Cahirciveen)	1023.0	+1	WSW	2	mo-	52	92	6	1500	StCu	10	-	10	1
Roches Point	1023.1	+1	W	2	o	51	92	7	4000	St	10	-	10	0
Pembroke (St. Ann's H.)	1022.8	+2	WSW	3	o	53	85	8	4000	StCu	10	-	10	3
Ross-on-Wye	1022.0	+2	SW'W	2	o	50	85	8	2500	St	10	-	10	·
Leafield	1022.6	+2	W'S	2	c-	46	97	8	4000	St	4	A.St	8	·
Andover	1023.9	+3	W	1	o	42	97	5	1500	St	10	-	10	·
S. Farnborough	1022.9	+3	W	1	mb-	43	97	6	·	StCu	1	-	1	·
London (Kew Obsy.)	1023.4	+3	SW	1	b	48	97	6	2500	StCu	2	-	2	·
Croydon	1022.7	+3	WSW	3	b/r	49	92	7	5700	StCu	3	-	3	·
Clacton-on-Sea	1021.5	+2	WSW	2	c	48	97	4	5700	StCu	8	-	8	1
Shoeburyness	1022.7	+4	W	1	mb-	50	85	5	4000	StCu	1	-	1	·
Grain	1022.5	+3	WSW	3	c-	50	92	6	4000	StCu	5	ACu	7	0
Lympne	1022.2	+4	WNW	3	o/r	47	97	6	4000	StCu	10	-	10	·
Scilly (St. Mary's)	1024.5	+1	-	0	c+	50	97	8	4000	StCu	7	-	7	1
Falmouth (Pendennis)	1024.7	+3	WNW	2	c-	51	85	8	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1024.7	+3	ENE	2	mb	40	97	5	5700	StCu	1	-	1	0
Portland Bill	1024.0	+4	WNW	1	bc+	54	75	8	-	·	0	ACu	3 (4 struck out)	0
Southampton (Ca.shot)	1024.3	+2	SW'W	3	b	48	92	7	4000	StCu	2	-	2	0
Dungeness	1022.6	+3	WSW	3	o	50	97	7	5700	StCu	10	-	10	3
Guernsey	1024.9	+2	NNW	1	o-	56	85	9	4000	StCu	9	-	9	0

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

Stations	Weather Fore-noon	Weather After-noon	Temp. Min. Night 15-16 °F.	Temp. Max. Day 16 °F.	Rainfall Night 17h.-9h. 15-16 mm.	Rainfall Day 9h.-17h. 16 mm.	Sunshine Sunrise to 17h. 16 hr.	Sunshine Sunrise to Sunset 15 hr.
Montrose	ocbc	bc	43	50	-	-	6.0	0.0
Berwick-on-Tweed	bcecv	bccm	44	50	0.1	-	2.1	3.9
Llandudno	opo	c	48	55	10	-	0.8	4.6
Colwyn Bay	pc	c	47	54	1	-	0.9	5.5
Rhyl	vc	cbccp	46	54	0.3	-	1.8	4.7
Southport	cbcb	bcco	48	54	2	-	3.2	1.6
Blackpool	pc	bcc	48	54	2	-	3.1	3.9
Ilkley	cpbcp	bcbcb	44	54	4	1	4.6	4.7
Harrogate	bbc	bbcb	43	54	0.3	0.1	5.5	6.5
Skegness	oc	cbcb	39	55	0.2	-	2.5	8.2
Aberystwyth	foc	o	48	54	1	-	0.2	6.5
Bath	bcb	bbcco	36	56	1	-	3.6	7.0
Leamington Spa	c	c	37	55	-	-	3.6	8.8
Lowestoft	o	oco	39	53	-	-	0.8	7.9
Felixstowe	ozd	cd	40	56	-	1	2.0	8.7
Southend	bc	co	39	57	-	-	4.5	5.8
Ilfracombe	bbc	bccdp	45	56	0.2	-	3.3	5.5
Bude	ccbc	c	42	56	0.2	-	2.1	5.3
Paignton	bcm	bccom	36	57	Trace	-	9.1	?5.2
Torquay	b	bcco	40	58	-	-	6.5	5.6
Weymouth	bc	bc	39	57	-	-	8.6	8.7
Bournemouth	bo	bcm	37	57	-	-	4.5	6.6
Portsmouth (S'thsea)	bbc	bbcb	39	56	-	-	6.1	8.4
Littlehampton	bc	bc	35	56	-	-	7.2	9.1
Worthing	bcb	bbc	37	56	-	-	7.0	9.6
Brighton	bcbb	bbbcc	40	?56	-	-	6.4	8.5
Eastbourne	cbcb	b	42	56	-	-	7.0	9.7
Hastings	cbcb	bccdb	43	57	-	-	7.3	9.5
Folkestone	b	b	42	56	-	-	6.2	9.1
Dover	mbcoc	bccoc	40	57	-	-	6.0	8.2
Tunbridge Wells	bbcb	b	37	58	-	-	7.1	7.8
Ramsgate	bbcb	bm	37	·	-	-	5.7	8.2
Margate	bco	bbcc	41	56	-	-	4.7	6.6
Deal	cc	bcc	38	57	-	-	5.2	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 1. § See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,610 THURSDAY, 18th OCTOBER 1923.

Observations at 1800 G.M.T. 17th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1008·5	+3	W	4	bc	49	75	7	4000	Cu	4	–	4	*
Stornoway	1012·9	+1	W	3	c+	52	75	7	450	St	8	–	8	*
Wick	1012·6	+1	W	3	cpro	48	92	8	2500	CuNb	6	CiSt	8	*
Castlebay	1016·3	0	SW	4	b	51	85	7	1500	St	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1015·4	+1	WSW	4	b	53	65	7	2500	StCu	2	–	2	1
Malin Head	1018·2	+0	W	4	bc+	54	85	7	5700	StCu	4	ACu	6	*
Renfrew	1018·6	+2	W	4	c–	53	75	8	2500	StCu	5	ASt	8	1
Edinburgh (Inchkeith)	1016·2	+1	W	5	c	51	75	7	*	Cu	4	CiCu	8	*
Leuchars	1016·4	+2	WSW	4	b	55	65	8	4000	StCu	2	Ci	3	0
Eskdalemuir	1018·6	+2	W	4	c	52	65	7	2500	StCu	7	–	7	1
Tynemouth	1019·0	+4	W	1	bc–	55	65	6	4000	Cu	3	Ci	5	*
Blacksod Point	1020·2	–0	SW	4	o	53	98	7	*	*	*	*	10	*
Donaghadee	1020·2	0	W	3	bc+	52	92	8						
Birr Castle	1022·1	*	S	1	o–	54	92		1600	St	5	–	5	*
Holyhead	1022·1	0	SW'rly	3	bc	56	75	8	1600	Nb	9	–	9	*
Liverpool (Bidston)	1021·7	+1	W'S	4	b	54	85	8	1500	Cu	3	ACu	4	0
Chester (Shotwick)	1021·6	+1	WNW	4	b	58	78	8	4000	Cu	2	–	2	*
Spurn Head	1020·0	+1	WSW	3	c	54	85	6	2500	Cu	4	CiSt	7	*
Birmingham (Edgbaston)	1023·0	+1	SW	4	o	52	85	7	4000	StCu	10	–	10	1
Nottingham	1021·6	+1	W	3	b	56	75	6	2500	StCu	1	–	1	*
Cranwell	1021·9	+0	WSW	3	c	55	92	6	4000	StCu	7	–	7	1
Gorleston	1021·5	+1	W	4	o	57	75	6	2500	Nb	10	–	10	*
Valencia (Cahirciveen)	1023·1	–2	SSW	2	mmo	54	85	6	800	St	10	–	10	1
Roches Point	1023·0	–1	SW	2	o	53	92	7	2500	St	10	–	10	*
Pembroke (St. Ann's H.)	1024·8	+1	W	3	o	53	85	8	4000	StCu	10	–	10	*
Ross-on-Wye	1023·1	+1	SW'W	2	o	54	75	7	2500	StCu	10	–	10	0
Leafield	1023·8	–1	W	3	o+	52	85	6	2500	St	9	–	9	*
Andover	1024·6	+1	W	3	o/r	53	85	6	800	St	10	–	10	1
S. Farnborough	1024·9	+1	WSW	3	om	55	85	6	2500	StCu	10	–	10	0
London (Kew Obsy.)	1024·7	+0	WSW	1	o+	55	75	7	4000	StCu	10	–	10	1
Croydon	1024·4	+0	W'S	2	o	55	75	6	4000	StCu	10	–	10	0
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1023·7	+1	W	3	mo+	55	75	5	4000	StCu	10	–	10	*
Grain	1024·2	+2	W'S	4	o	56	65	6	2500	StCu	10	–	10	0
Lympne	1024·3	0	NWW	4	o+	56	75	7	2500	StCu	9	–	9	0
Scilly (St. Mary's)	1024·9	0	–	0	b–	57	85	8	4000	StCu	3	–	3	*
Falmouth (Pendennis)	1025·0	–2	SW	3	c	54	85	8	4000	StCu	8	–	8	*
Plymouth (Cattewater)	1025·1	0	W'S	1	o	56	85	6	4000	St	10	–	10	0
Portland Bill	1024·8	+1	W	2	b	56	75	8	–	–	0	–	0	*
Southampton (Calshot)	1025·3	–1	WSW	4	o	55	85	8	4000	StCu	10	–	10	0
Dungeness	1024·6	+3	W	2	c	59	75	7	5700	StCu	8	–	8	*
Guernsey	1025·6	–2	–	0	o	56	75	8	5700	StCu	10	–	10	*

Observations at 1800 G.M.T. 17th

STATIONS.	Barom. at M.S.L. mb	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1009·7	+2	W	3	bpro	47	92	7	4000	CuNb	2	ASt	3	2
Stornoway	1012·5	0	–	0	opro	48	92	7	450	St	10	–	10	0
Wick	1013·0	0	W	2	o	48	85	8	4000	StCu	10	–	10	0
Castlebay	1014·8	–1	SSW	4	opro	52	97	7	800	Nb	10	–	10	3
Nairn	1014·4	*	–	0	c+	50	75	8	1500	St	8	–	8	*
Aberdeen	1016·5	+2	WSW	2	o+	51	75	6	2500	StCu	10	–	10	0
Malin Head	1017·4	0	SW	3	o	53	92	7	5700	StCu	10	–	10	1
Renfrew	1018·8	0	SSW	2	o	50	92	5	2500	StCu	10	–	10	*
Edinburgh (Inchkeith)	1017·3	0	WSW	4	o+	50	92	7	–	St	4	CiSt	10	2
Leuchars	1017·7	+2	WSW	1	o	49	75	8	2500	St	7	ASt	10	*
Eskdalemuir	1019·7	+1	WSW	4	c–	47	85	6	1500	StCu	6	ACu	7	
Tynemouth	1020·2	+2	W	1	c+	51	75	6	800	St	8	–	8	1
Blacksod Point	1018·7	–1	SW	4	o	51	92	7	*	*	*	*	10	4
Donaghadee	1019·7	0	W	1	o+	51	92	7	1500	St	6	ACu	10	1
Birr Castle	1021·0	*	SW	1	cdo	53	85	5	1500	Nb	10	–	10	*
Holyhead	1022·0	0	S'W	4	o+	54	85	7	2500	StCu	9	–	9	0
Liverpool (Bidston)	1022·2	0	W	1	b	51	97	5	–	–	0	ASt	3	3
Chester (Shotwick)	1022·2	+1	SE	2	b–	49	92	6	–	–	0	ACu	2	*
Spurn Head	1021·7	+1	W	2	b	51	92	5	–	–	0	–	0	0
Birmingham (Edgbaston)	1023·6	+1	SW	2	o+	51	85	6	2500	StCu	8	CiSt	10	*
Nottingham	1022·7	+1	W	2	b	50	85	5	–	–	0	–	0	*
Cranwell	1022·5	+2	SSW	1	mb+	48	97	6	5700	St	1	–	1	*
Gorleston	1023·1	0	SSW	1	b–	50	85	6	2500	St	2	–	2	0
Valencia (Cahirciveen)	1021·4	–2	SSW	2	o	52	85	7	800	St	10	–	10	1
Roches Point	1022·1	–1	W	1	o	52	92	7	2500	St	10	–	10	0
Pembroke (St. Ann's H.)	1022·0	–2	SW	3	o	53	85	8	4000	StCu	10	–	10	3
Ross-on-Wye	1023·1	0	SW'S	2	mo+	52	85	6	1500	St	10	–	10	*
Leafield	1024·3	0	WSW	3	o	50	97	2	–	–	0	ASt	3	*
Andover	1024·5	0	–	0	o/r	51	92	7	800	St	10	–	10	
S. Farnborough	1024·6	+1	SW	1	o	52	92	7	2500	StCu	10	–	10	*
London (Kew Obsy.)	1024·7	+1	SW	1	o	53	85	5	4000	StCu	10	–	10	*
Croydon	1024·6	+1	SW	2	o	52	85	6	4000	StCu	10	–	10	*
Clacton-on-Sea	1024·0	+2	WSW	2	o	53	85	4	4000	St	10	–	10	0
Shoeburyness	1024·3	0	W	1	o/m	53	85	7	2500	StCu	10	–	10	
Grain	1024·9	+2	SW	3	o	53	85	6	2500	StCu	10	–	10	0
Lympne	1024·4	0	WNW	2	bc	49	85	5	2500	St	4	ASt	5	*
Scilly (St. Mary's)	1023·6	–2	SE'E	2	bc+	51	92	9	4000	StCu	4	–	4	2
Falmouth (Pendennis)	1023·8	–1	S	2	b–	52	75	8	5700	StCu	3	–	3	0
Plymouth (Cattewater)	1024·3	0	S	1	bc–	52	85	8	4000	StCu	6	–	6	0
Portland Bill	1024·8	0	WSW	2	b	55	75	8	–	–	0	–	0	0
Southampton (Calshot)	1025·2	0	WSW	3	o	54	75	8	4000	StCu	10	–	10	0
Dungeness	1024·9	0	WSW	3	b	53	97	7	–	–	0	–	0	3
Guernsey	1024·9	–2	S'E	2	b	53	92	8	5700	Cu	1	Ci	2	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. 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. 18th						Yesterday.			To-day.	
Kew } 24 hours ended 0700	18	bmcow	om	omw	*	*	32	tr	–	1·9	*	*
Croydon } 24 hours ended 0700	244	bom	ozm	obcm	*	*	38	–	–	3·6	*	*
Greenwich (Royal Obsy.)	149	co	o	obod	57	42	35	–	–	3·6	77	82
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·7	*	*
Westminster (St. James' Pk.)	27	*	*	*	56	45	40	–	–	1·7	75	75
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*		*	*
Camden Square	110	mco	o	*	56	45	39	–	–	*	86	84
Kensington Palace	80	bzo	o	*	55	44	35	–	–	*	(At 18h) —	80
Hampstead Observatory	450	*	*	*	53	46	36	–	–	0·7	*	81

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 17th 18h 15m to 18 05 h 30 m

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11 15	05 15	47
δ Ursae Minoris	11 15	05 10	46

CODE FOR STATE OF GROUND.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

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

18th OCTOBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·15	11·58	4·41
	6·16	11·59	4·40
Greenwich	6·50	11·40	4·0
	6·51	11·45	4·39
Wick	6·56	11·57	4·58
	6·20	11·57	4·56
Valencia	7·12	12·16	5·19
	7·13	12·16	5·18

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (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
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea

[1] For explanation see Introduction.

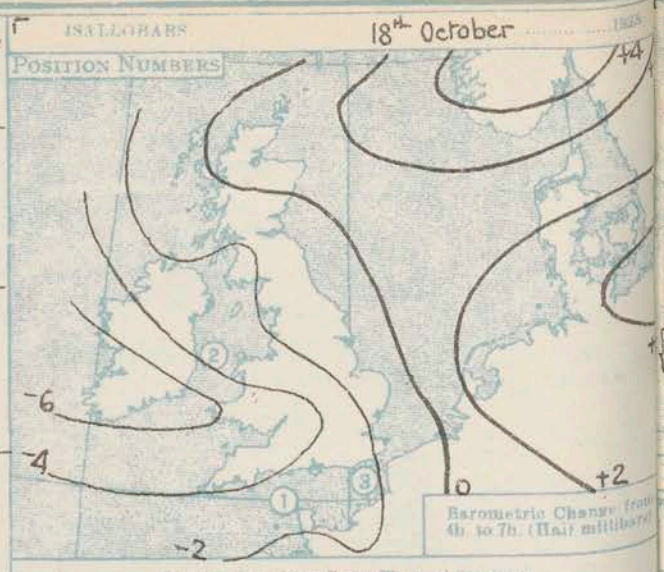
* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS	WEATHER. 7h.-13h. 14*	13h.-18h. 14*	18h. 14* to 1h. 15*	1h.-7h. 15*	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN 14* Hours
Lerwick	bcq	bcp	cp	omd	50	45	•	1	2	1330	2200	5·7
Stornoway	c	p	p	odd	52	47	•	1	0·4	-	-	1·5
Wick	cpr	o	oo	op.	51	47	•	1	0·1	1230	0330	•
Castlebay	bco	op	opddo	op	52	51	•	trace	0·5	-	-	1·1
Nairn	cbec	bcq	cq	cq	52	49	•	-	-	-	-	3·0
Aberdeen	b-bc	becom	ocm	ocm	50	47	40	-	-	-	-	4·6
Malin Head	bcz	coz	p.co	coe	54	44	•	-	Trace	-	2200	3·7
Renfrew	cbeco	coom	om	ovm	54	49	47	-	-	-	-	3·8
Edinburgh (Inchkeith)	c	c	oo	oo	52	49	47	-	-	-	-	5·8
Leuchars	bcobcb	bbeco	oo	oo	55	47	37	-	-	-	-	4·7
Eskdalemuir	ocbcc	cocm	coom	omofo	53	44	41	-	Trace	-		2·1
Tynemouth	b-bcm	cm	kom	b-bc	56	46	42	-	Trace	-	2200	•
Blacksod Point	oo	rord	oo	p	54	46	•	0·2	0·4	-	2100	•
Donaghadee	c	o	o	oo	57	50	•	-	-	-	-	•
Birr Castle	orco	oido	oido	oovll	56	48	42	0·2	Trace	0800	2100	0·0
Holyhead	ocbc	bbc	ocbcco	oor	57	51	49	-	0·1	-	0630	0·0
Liverpool (Bidston)	ocbcb	bm	for m		56	46	38	-	-	-	-	5·3
Chester (Shotwick)	omocbc	bbcb	bfbm	bewoom	58	39	32	-	-	-	-	3·9
Spurn Head	c	czbz	c	fmvog	54	45	•	-	-	-	-	2·3
Birmingham (Edgbaston)	oo	oc	oc	co	54	45	42	-	-	-	-	0·5
Nottingham	oc	bbc	bf	bbcm	57	40	35	-	-	-	-	1·7
Cranwell	oc	cbcmb	bm	m	57	43	33	trace	-	-	-	3·2
Gorleston	oo	bccbz	bz	cm	58	44	38	-	-	-	-	3·9
Valencia (Cahirciveen)	om	omo	omdo	ood	54	48	41	trace	-	-	-	0·0
Roches Point	oo	o	o	opdm	55	50	•	-	4	-	0330	•
Pembroke (St. Ann's H.)	oo	o	c	f	54	51	•	-	1	-	0330	0·0
Ross-on-Wye	oo	o	gom	go	55	47	43	-	-	-	-	0·0
Leafield	oo	o		oo	53	42	34	-	-	-	-	0·0
Andover	omoro	oro	oo	oom	55	39	33	trace	0·4	1100	0630	0·0
S. Farnborough	oomm	omdo	ocbcm	bcco	56	42	33	trace	-	1430	-	0·8
London (Kew Obsy.)	bmcwo	om	omomw	omw	55	43	32	trace	-	2000	-	1·9
Croydon	bom	ozm	obm	obcm	56	44	38	-	-	-	-	2·6
Clacton-on-Sea	cbcc	cogm	ogcm	cmbc	57	43	43	-	-	-	-	3·8
Shoeburyness	bmom	omo	o	o	57	42	32	trace	-	-	-	3·0
Grain	obcz	o	oom	oom	57	46	35	-	-	-	-	2·9
Lympne	obm	bcobcm	bcbmw	bc..w	58	45	30	-	Trace	-	-	2·7
Scilly (St. Mary's)	cbc	b	cor	omr	57	49	•	-	6	-	2400	5·1
Falmouth (Pendennis)	co	cobc	bccor	oromd	55	51	•	-	9	-	2400	0·3
Plymouth (Cattewater)	com	ombc	beco	ottm	56	46	34	-	3	-	0130	2·1
Portland Bill	b-bc	bbc	b-bc	p	57	53	•	-	1	-	0330	•
Southampton (Calshot)	oo	o	forom	bwco	58	47	39	-	-	-	-	1·4
Dungeness	c	bbc	b-bc	c	59	47	•	-	-	-	-	
Guernsey	oo	ocbcb	bbcco	f	58	50	•	-	0·6	-	0330	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	17th 1000	Scotia	W'S	3	bz	53	54
3	18th 0200	Brighton	NW	2	b&p	59	58

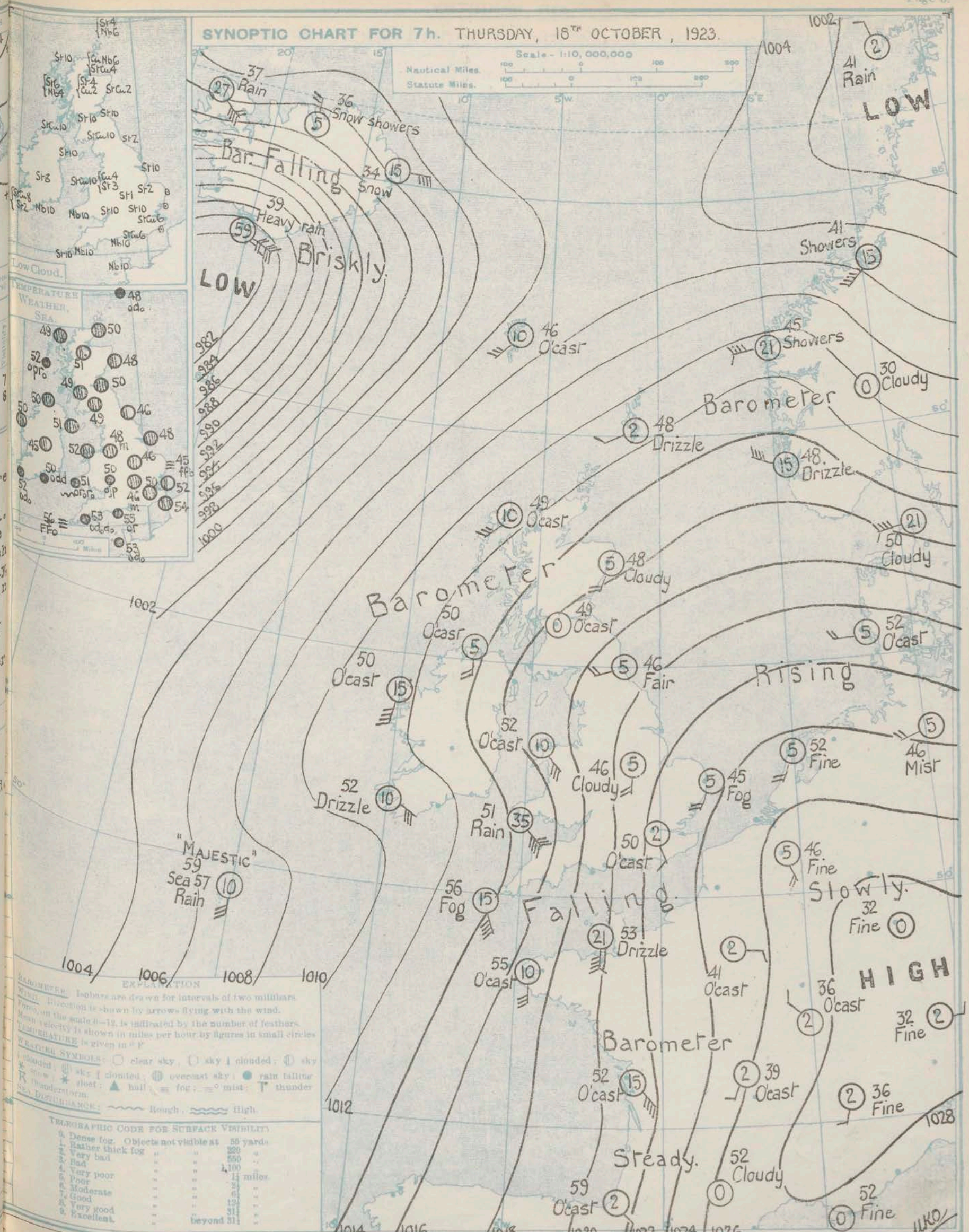
GENERAL INFERENCE.

The anticyclone is now over the Continent and depressions are situated SW of Iceland and off the mouth of the English Channel. These systems are likely to move NE or N. Winds over the British Isles generally will be southerly with cloudy weather and some rain in the West and North, while in the SE conditions will be cloudy with some rain or showers at first, becoming fairer and warmer later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 18th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind southerly, moderate; dull, some rain or showers, fair later; some mist; temperature rising.	None issued.
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 southerly, moderate, fresh in places; a good deal of cloud, some rain; visibility poor at times; mild.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950. GMT. G. C. SIMPSON, F.R.S., Director.

For Code see opposite page


SYNOPTIC CHART FOR 7h. THURSDAY, 18TH OCTOBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
TEMPERATURE WEATHER. SEA.
LOW
Bar. Falling
Briskly.
37 Rain
36 Snow showers
34 Snow
39 Heavy rain
41 Rain
41 Showers
46 O'cast
45 Showers
30 Cloudy
48 Drizzle
48. Drizzle
49 O'cast
50 Cloudy
48 Cloudy
Barometer
50 O'cast
49 O'cast
52 O'cast
46 Fair
Rising
52 O'cast
46 Cloudy
52 Fine
46 Mist
45 Fog
52 Drizzle
51 Rain
50 O'cast
46 Fine
Slowly.
"MAJESTIC"
59
Sea 57
Rain
56 Fog
Falling.
53 Drizzle
32 Fine
55 O'cast
41 O'cast
36 O'cast
HIGH
32 Fine
Barometer
52 O'cast
39 O'cast
36 Fine
Steady.
52 Cloudy
59 O'cast
52 Fine
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
982
984
986
988
990
992
994
996
998
1000
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0—12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA 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. Thursday 18th October 1923. No. 291.

Observations at 0100 G.M.T. 18th

STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	61	1011·2	+1	W	2	o/r	47	97	7	4000	Nb	2	a-St	9
Stornoway	51	1012·1	-1	W	3	o	·	·	5	·	·	·	·	·
Wick	61	1012·3	-1	SW	3	o	50	92	8	800	St	10	-	10
Castlebay	37	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	32	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	40	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	71	1016·4	0	SW	2	0	51	92	8	5700	StCu	10	-	10
Renfrew	38	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	190	1016·9	-1	SW	4	0	51	85	8	-	-	0	a-St	9
Leuchars	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	118	1020·2	-1	-	0	b/r	48	92	5	-	-	0	-	0
Blacksod Point	10	1016·3	-2	SW	4	0	51	92	5	·	·	·	·	10
Donaghadee	35	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	175	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	26	1020·1	-2	S'E	4	o+	54	85	8	1500	St	10	-	10
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	26	1022·3	-1	WSW	3	b	46	97	5	-	-	0	-	0
Birmingham (Edgbaston)	525	·	·	·	·	·	·	·	·	·	·	·	·	·
Nottingham	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	237	1023·2	0	SW	2	mmb	46	97	5	4000	StCu	1	a-St	2
Gorleston	13	1024·3	0	SW	1	b	45	97	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1017·1	-3	S	1	b	50	97	9	-	St	3	-	3
Roches Point	32	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	149	1020·7	-3	S	3	bc	53	85	8	4000	StCu	5	-	5
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	556	·	·	·	·	·	·	·	·	·	·	·	·	·
Andover	295	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	50	·	·	·	·	·	·	·
Croydon	244	1024·6	0	S	2	b	45	97	6	-	-	0	-	0
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	20	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	1025·2	0	W	1	b	49	97	5	-	-	0	-	0
Scilly (St. Mary's)	131	1018·5	-4	SE	4	o r₀	51	92	8	4000	Nb	10	-	10
Falmouth (Pendennis)	200	1019·9	-7	SE	5	orr	54	85	7	4000	Nb	10	-	10
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	19	1022·8	-2	SSE	3	b	56	75	8	-	-	0	-	0
Southampton (Calshot)	12	1024·6	-1	E'S	2	b/f	49	97	6	-	-	0	-	0
Dungeness	21	1025·3	0	W	1	b+	52	92	6	4000	Nb	2	-	2
Guernsey	··	1023·0	+1	S'E	4	0	54	75	6	4000	StCu	10	-	10

Observations at 0700 G.M.T. 18th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	0-9
Lerwick	1011·6	0	WSW	1	od₂	48	97	6	800	Nb	10	-	10	0
Stornoway	1011·2	0	SW	3	0	49	97	7	450	St	10	-	10	2
Wick	1012·5	0	WSW	2	o/r	50	92	8	2500	Cu Nb	10	-	10	0
Castlebay	1012·9	-1	SSW	4	o p r₀	52	85	7	1500	St	10	-	10	4
Nairn	1013·1	[illegible]	-	0	bc	51	85	8	1500	St	0	·	6	·
Aberdeen	1015·6	+1	SW'S	2	c	48	92	6	2000	StCu	2	Ci St	7	0
Malin Head	1013·5	-2	S	2	0	50	92	8	4000	StCu	10	-	10	2
Renfrew	1016·2	-2	-	0	0	49	97	6	1500	St	10	-	10	·
Edinburgh (Inchkeith)	1016·2	-1	SW	2	0	50	92	7	-	St	10	-	10	1
Leuchars	1016·0	0	WSW	2	0	51	85	7	2500	StCu	10	-	10	·
Eskdalemuir	1017·6	-1	[illegible]	2	0	49	92	7	800	StCu	10	-	10	·
Tynemouth	1019·4	-1	WSW	2	bc	46	92	5	1500	St	2	CiCu	4	·
Blacksod Point	1011·9	-5	S'W	4	0	50	92	8		·			10	4
Donaghadee	1017·9	-3	-	0	o+	51	92	8	450	St	10	-	10	1
Birr Castle	1012·9	3·	ESE	1	c-	48	92	5	1500	St	8	-	8	·
Holyhead	1016·9	-3	SE	3	oh	52	85	8	4000	StCu	10	-	10	0
Liverpool (Bidston)	1018·3	-3	SE'S	2	mc-	48	97	4	1500	Cu	7	-	7	3
Chester (Shotwick)	1018·9	-2	SE	2	0	47	97	5	2500	St	10	·	10	
Spurn Head	1021·6	-1	SSW	3	o/f	48	97	5	800	St	10	-	10	0
Birmingham (Edgbaston)	1020·7	-2	SE	2	c	46	92	6	2500	StCu	5	a-St	8	·
Nottingham	1020·9	-2	S	2	c+	46	97	6	2500	St	1	Ci	8	·
Cranwell	1022·3	-1	S	2	bcr	44	97	6	4000	St	2	Ci St	6	·
Gorleston	1023·7	0	SW'S	2	ffb	45	97	3	-	-	0	-	0	0
Valencia (Cahirciveen)	1010·6	-6	ESE	3	od₀	52	85	7	1500	StCu	10	-	10	0
Roches Point	1010·8	-7	SE	4	odd	50	97	5	800	Nb	10	-	10	3
Pembroke (St. Ann's H.)	1014·4	-6	SE	7	orr₀	51	85	7	4000	Nb	10	-	10	6
Ross-on-Wye	1019·1	-4	S'	2	o f p	50	85	7	2500	St	10	-	10	·
Leafield	1021·2	-6	S'E	3	m--	46	[illegible]	6	2500	St	10	-	10	
Andover	1021·0	-4	SE'S	2	o+	47	97	7	1500	St	10	-	10	·
S. Farnborough	1022·0	-2	SSE	2	mmo	46	97	5	1500	St	8	a-St	10	·
London (Kew Obsy.)	1022·2	-2	SSE	1	0	50	92	6	2500	StCu	6	a-St	10	·
Croydon	1022·2	-2	SSE	3	o+	50	92	7	5700	StCu	5	a-St	9	·
Clacton-on-Sea	1023·4	-1	S	3	bc	52	92	7	-	-	0	Ci	5	1
Shoeburyness	1022·5	-1	SE	1	0	51	85	7	5700	StCu	8	Ci St	9	·
Grain	1022·9	0	SE	3	0	51	85	6	2500	St	10	-	10	0
Lympne	1023·5	-1	SSW	4	0	52	85	7	-	-	0	a-St	10	
Scilly (St. Mary's)	1013·3	-4	S'E	4	FFo	56	97	1	450	St	10	-	10	4
Falmouth (Pendennis)	1014·6	-4	S	5	odd₀	53	92	6	800	Nb	10	-	10	1
Plymouth (Cattewater)	1016·3	-3	SE	3	orr₀	53	92	5	450	Nb	10	-	10	1
Portland Bill	1019·9	-4	SSE	5	o+	55	75	7	4000	Nb	10	-	10	4
Southampton (Calshot)	1021·3	-4	SSE	4	o+	55	75	8	2500	StCu	6	a-St	10	3
Dungeness	1023·3	-2	SSW	3	o+	54	85	7	-	-	0	CiCu	10	4
Guernsey	1019·7	-2	S	5	od₀	53	85	8	2500	Nb	10	-	10	5

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 16th-17th °F.	Temperature. Max. Day. 17th °F.	Rainfall.† Night 17h.-9h. 16th-17th mm.	Rainfall.† Day 9h.-17h. 17th mm.	Sunshine. Sunrise to 17h. 17th hr.	Sunshine. Sunrise to Sunset. 16th hr.
Montrose	bcbc	bccz	33	56	–	–	4·9	6·0
Berwick-on-Tweed	mbcb	bcmc	39	54	–	–	6·5	2·1
Llandudno	cbc	b	51	57	–	–	5·4	0·8
Colwyn Bay	c	c	51	58	–	–	5·3	0·9
Rhyl	cbc	bc	52	56	1	–	5·5	1·8
Southport	cbcb	bbc	50	56	1	–	6·7	3·2
Blackpool	bbcc	c	50	57	0·4	–	6·7	3·1
Ilkley	cbc	bc	41	57	–	–	6·8	4·6
Harrogate	bcb	b	40	56	0·1	–	6·9	5·5
Skegness	ocbc	b	39	57	Trace	–	3·7	2·7
Aberystwyth	ooc	o	51	55	–	–	0·0	0·2
Bath	og	og	45	55	–	–	0·0	3·6
Leamington Spa	cbc	b	45	55	–	–	0·0	3·6
Lowestoft	bcb	bcocb	41	59	–	–	3·8	0·8
Felixstowe	bc	om	44	57	–	–	1·9	2·0
Southend	bcco	o	45	57	–	–	2·8	4·5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 16th-17th °F.	Temperature. Max. Day. 17th °F.	Rainfall.† Night 17h.-9h. 16th-17th mm.	Rainfall.† Day 9h.-17h. 17th mm.	Sunshine. Sunrise to 17h. 17th hr.	Sunshine. Sunrise to Sunset. 16th hr.
Ilfracombe	o	o	54	57	–	–	0·0	3·3
Bude	oocc	ccoo	53	59	–	–	1·1	2·1
Paignton								6·5
Torquay	b	c	45	60	–	–	4·1	8·6
Weymouth	cbc	bcc	45	62	–	–	3·2	
Bournemouth	bcm	bcm	44	57	–	–	1·2	4·5
Portsmouth (S'thsea)	co	o	48	57	–	–	1·7	6·1
Littlehampton	bcoc	oc	44	56	–	–	1·7	7·2
Worthing	c	o	45	55	–	–	1·4	7·0
Brighton	bcoo	o	46	57	–	–	1·5	6·4
Eastbourne	bbcco	ccbc	48	59	–	–	4·1	7·0
Hastings	bbcoc	cbcb	46	59	–	–	3·0	7·3
Folkestone	c	c	46	60	–	–	3·1	6·2
Dover	cbcco	ccocm	47	59	–	–	2·6	6·0
Tunbridge Wells	bco	o	43	57	–	–	1·8	7·1
Ramsgate	bco	o	45	[illegible]	–	–	3·2	5·7
Margate	bbc	o	48	57	–	–	2·9	4·7
Deal	cbc	bcc	46	61	–	–	2·5	5·2

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Observations at 1300 G.M.T. 18th — Observations at 1800 G.M.T. 18th

STATIONS. (For heights see p. 4).	1300: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	1800: Barom. at M.S.L. mb	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1012.0	+1	W	1	o/r	50	97	6	2500	StC	10	-	10	*	1010.6	-3	S	1	o	50	97	6	1500	StC	10	-	10	0
Stornoway	1008.6	-3	SW	3	o/r	51	97	7	450	St	10	-	10	*	1003.5	-5	S	2	c-	50	85	7	800	St	8	-	8	1
Wick	1011.4	-2	SSW	2	o	52	92	8	5700	StC	9	CiSt	10	*	1006.5	-5	S	2	o	51	92	8	4000	StC	10	-	10	0
Castlebay	1008.5	-4	S	5	o	51	92	8	1500	St	10	-	10	*	1002.5	-6	SE	5	oror₀	50	97	6	800	Nb	10	-	10	6
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	*	WSW	2	c	49	85	8	1500	St	5	AC	8	*
Aberdeen	1013.3	-3	SSW	3	o	52	85	6	1500	St	10	-	10	1	1009.3	-4	S	3	bc+	50	92	6	2500	StC	6	-	6	0
Malin Head	1007.8	-5	SE'E	3	o	52	85	8	4000	StC	9	-	9	*	1001.5	-6	SE	4	o	50	97	7	4000	StC	9	-	9	2
Renfrew	1012.6	-5	-	0	o/r	51	97	6	1500	Nb	10	-	10	1	1006.5	-8	SE	2	odd₀	51	85	5	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	1013.2	-4	SSW	2	o/m	52	85	7	*	StC	9	-	9	*	1007.2	-7	ESE	3	o	51	85	7	-	St	10	-	10	1
Leuchars	1013.8	-4	S	3	o	52	85	7	1500	St	7	ASt	10	0	1007.8	-7	ESE	2	o+	50	92	6	4000	St	10	-	10	*
Eskdalemuir	1013.4	-5	SE	3	bc	52	75	7	1500	C	5	-	5	1	1007.4	-5	SE'S	3	odd₀	48	97	4	450	Nb	10	-	10	*
Tynemouth	1015.8	-4	SE	1	bc/f	53	85	5	1500	St	3	CC	5	*	1010.1	-3	S	2	o	51	92	6	2500	StC	10	-	10	1
Blacksod Point	1007.6	-8	S'W	4	o	51	85	8	*	*	*	*	10	*	1000.8	-6	S	4	o	52	85	7	*	*	*	*	10	4
Donaghadee	1011.7	-3	SSE	3	o/r	53	85	8	-	-	0	ASt	10	*	1004.0	-5	SSE	3	odd₀	54	92	6	1500	St	10	-	10	4
Birr Castle	1007.0	*	SE	1	o+	52	92	6	2500	Nb	10	-	10	*	1003.0	*	S	1	o	53	85	5	1500	StC	10	-	10	*
Holyhead	1009.9	-8	E'S	3	oRR	51	97	6	800	Nb	10	-	10	2	1006.4	-2	S	4	or₀	56	97	6	225	Nb	10	-	10	4
Liverpool (Bidston)	1011.7	-7	SE'E	4	or₀+	51	85	6	1500	Nb	10	-	10	*	1008.7	-3	SE	4	c/r	52	92	6	1500	StC	8	-	8	4
Chester (Shotwick)	1012.2	-9	SE	3	orr	51	92	6	2500	Nb	9	ASt	10	1	1009.0	-3	SE	4	c	53	92	6	1500	St	8	-	8	*
Spurn Head	1016.9	-5	SSE	4	o	51	92	6	2500	Nb	10	-	10	*	1012.9	-4	SSE	5	c	50	92	7	2500	Nb	8	-	8	4
Birmingham (Edgbaston)	1015.5	-5	SE	4	or	50	92	6	4000	Nb	10	-	10	2	1012.0	-2	SE	4	mo+	52	92	5	4000	St	10	-	10	*
Nottingham	1016.3	-5	SSE	2	o/r	52	92	7	2500	Nb	10	-	10	*	1012.2	-3	S	3	o	53	85	7	2500	Nb	10	-	10	*
Cranwell	1017.9	-5	S'E	4	orr	50	97	6	800	St	9	ASt	10	2	1013.8	-2	SSE	4	od₀	51	97	6	1500	St	10	-	10	*
Gorleston	1020.8	-2	S	4	o+	54	85	6	-	<	0	ASt	10	*	1017.4	-3	S'E	5	c-	53	85	6	4000	StC	8	-	8	1
Valencia (Cahirciveen)	1006.8	-4	SSE	1	o	53	85	8	1500	StC	10	-	10	1	1001.8	-6	SE'S	4	o	54	92	9	800	St	10	-	10	1
Roches Point	1007.2	-2	-	0	o	54	97	6	450	St	10	-	10	*	1005.6	-3	S	3	od₀	54	97	5	450	Nb	10	-	10	6
Pembroke (St. Ann's H.)	1009.9	-4	S	7	oror₀	56	97	7	1500	Nb	10	-	10	*	1005.7	-3	S	6	oror₀	56	97	6	1500	Nb	10	-	10	6
Ross-on-Wye	1014.3	-5	SSE	4	od₀	52	85	6	1500	Nb	10	-	10	2	1011.3	-3	S	5	odd	56	97	5	1500	Nb	10	-	10	*
Leafield	1016.0	-8	S	3	od₀	51	92	6	2500	St	10	-	10	*	1013.5	-3	S	3	o/r	51	97	2	2500	St	10	-	10	*
Andover	1017.2	-4	SSE	3	oror₀	52	97	7	1500	St	10	-	10	1	1014.7	-3	S'E	3	o	53	97	5	800	St	10	-	10	5
S. Farnborough	1017.2	-4	SSE	5	mmo	57	75	6	-	-	0	ASt	10	-	1015.3	-2	SSE	2	o	55	85	5	-	-	0	ASt	10	*
London (Kew Obsy.)	1018.2	-6	SSW	3	o/r	57	75	7	4000	StC	7	ASt	9	1	1015.7	-2	SSE	2	o	55	75	6	2500	StC	8	ASt	10	*
Croydon	1018.1	-5	S	4	c-	55	65	7	4000	StC	8	-	8	5	1015.3	-2	S	3	c	53	85	6	2500	StC	8	-	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.9	-3	SSE	4	c	54	85	6	4000	St	8	-	8	2
Shoeburyness	1020.0	-3	SSE	3	or	53	85	7	2500	StC	6	ASt	10	*	1016.9	-3	S	4	o	54	85	8	2500	StC	9	ASt	10	*
Grain	1019.5	-4	S'E	5	o	55	75	7	4000	StC	10	-	10	2	1016.3	-2	S	5	o	54	75	7	4000	StC	10	-	10	0
Lympne	1019.5	-5	S	4	o	53	75	7	4000	StC	8	ASt	10	1	1017.5	-1	S'W	3	od₀	53	92	6	2500	Nb	8	ASt	10	*
Scilly (St. Mary's)	1012.3	-1	S'W	4	ffo	57	97	2	800	St	10	-	10	*	1010.4	-1	S	4	ffo	57	97	1	450	St	10	-	10	4
Falmouth (Pendennis)	1012.4	-2	SW	6	odd₀	57	97	6	500	Nb	10	-	10	*	1010.3	-2	SW	5	fo	57	97	1	<150	St	10	-	10	1
Plymouth (Cattewater)	1013.2	-3	SSW	5	odd₀	57	97	6	450	St	10	-	10	1	1012.3	+1½	S	4	odd	57	97	6	<150	Nb	10	-	10	1
Portland Bill	1015.6	-4	SSE	5	or₀	58	75	7	2500	Nb	10	-	10	*	1013.8	-4	S	5	o/r	57	92	7	2500	Nb	10	-	10	4
Southampton (Calshot)	1017.1	-6	SSE	6	o	56	75	7	4000	StC	7	ASt	10	0	1015.7	0	S	4	od₀	57	85	7	1500	St	10	-	10	4
Dungeness	1019.9	-4	S	4	c/r	55	85	7	4000	StC	8	-	8	*	1017.2	-4	SW	5	o/r	55	85	7	4000	StC	10	-	10	6
Guernsey	1017.3	-3	S'E	4	o	56	92	8	5700	StC	4	ASt	10	*	1014.5	-3	S'E	4	o	59	97	6	4000	StC	10	-	10	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. 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. 19th								YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	18	omf₀r₀	opoz	ozom	*	*	53	2	0.1	0.0	*	*
Croydon } 24 hours ended 0700	244	F	cozm	com	*	*	50	0.4	-	0.7	*	*
Greenwich (Royal Obsy.)	149	or	o	odc	63	51	50	1	-	0.5	74	81
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.1	*	*
Westminster (St. James' Pk.)	27	*	*	*	64	52	49	1.2	*	0.0	68	74
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	0.0	*	*
Camden Square	110	coto	o	*	63	51	49	2	-	*	75 (At 18h)	78
Kensington Palace	80	ob	o	*	57	55	52	2	0.3	*		77
Hampstead Observatory	450	*	*	*	62	50	49	2	0.3	0.0	*	82

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

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

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 18 h 15 m. to 19th 05 h 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.15	nil	nil
δ Ursae Minoris	11.15	nil	nil

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

19th - 20th Oct., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·26 6·28	11·38 11·38	4·50 4·48
Greenwich	6·31 6·33	11·45 11·45	4·59 4·57
Wick	6·58 7·00	11·57 11·57	4·56 4·54
Valencia	7·13 7·5	12·26 12·26	5·38 5·36

BEAUFORT NOTATION OF WEATHER.

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

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

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

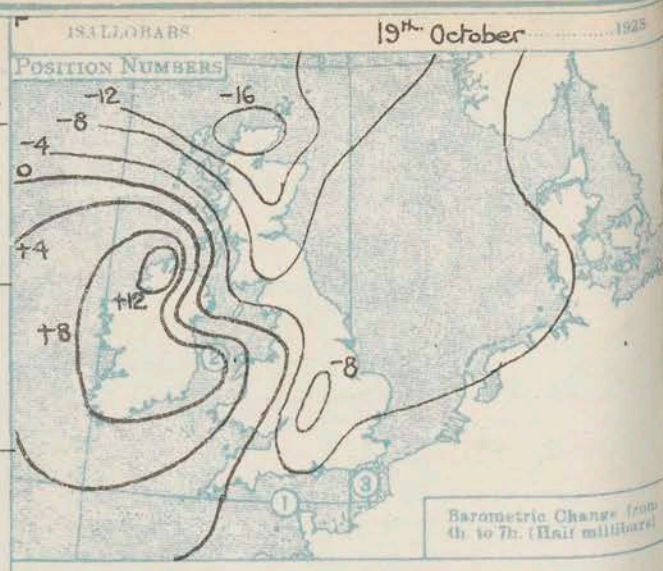
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	13h.-18h. 19th	18h. 18th to 1h. 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	om	o	o	omd	52	48	•	1	0·3	<0800	<2100	0·2
Stornoway	p	o	c	opq	54	49	•	0·5	5	-	-	0·9
Wick	do	o	ocqit	o	53	49	•	-	0·1	-	2400	1·5
Castlebay	opo	oror	1/10c	mo	852	846	•	0·4	/	1730	-	
Nairn	cg	cg	bccq	cg	55	49	•	-	-	-	-	1·2
Aberdeen	com	acbcm	oi₀m	omi₀	54	50	49	-	0·6	-	2200	0·6
Malin Head	o	coze	cog	coPR	53	45	•	-	4	-	0430	1·5
Renfrew	odm	orom	omddo	oRRq	54	49	49	trace	8	<0800	<2100	0·2
Edinburgh(Inchkeith)	m	o	oq	oo	54	50	49	-	trace	-	0430	1·5
Leuchars	omo	obmom	odmo	orim	54	50	43	-	2	-	<2100	1·2
Eskdalemuir	odmcbc	bcod₀m	odm	odorm	53	47	48	1	18	<0800	<2100	1·4
Tynemouth	1f	o	om	i₀m	54	51	44	-	0·1	-	-	•
Blacksod Point ...	oo	o		p	54	48	•	-	3	-	-	•
Donaghadee	op	od	oq	oqr	54	51	•	1	2	1230	0130	•
Birr Castle	o₀m	oo	cq	cLR	54	42	40	0·5	4	<0800	-	0·0
Holyhead	o₀m	i₀m	i₀q	oiRo	56	53	50	6	4	0300	2100	0·0
Liverpool (Bidston)...	r-d	p		p	59	48	46	1	1	1330	0430	0·4
Chester (Shotwick) ...	omr₀m	orroo	r₀r₀m	or₀m	54	53	50	5	1	0300	<2100	0·2
Spurn Head	oo	o	oo	oiqr	52	50	•	trace	0·2	1430	0430	0·6
Birmingham(Edgbaston)	orm	orm	od₀	oo	52	51	51	1	trace	0300	2200	0·0
Nottingham	r₀r₀	o	o	c	54	53	51	0·6	-	0300	-	0·0
Cranwell	bcomr	oraco	ooc	cor₀o	51	50	47	1	trace	1100	-	0·1
Gorleston	bcmco	od₀oc	oo	opq	56	52	48	trace	1	1430	0230	1·0
Valencia (Cahirciveen)	o	oid₀o	op	oc	54	49	43	-	4	-	2200	0·0
Roches Point	d₀om	omdo	ofd	oirb	53	47	•	1	6	<0800	<2100	•
Pembroke(St.Ann's H.)	o₀r₀	oror	r	oDoq	57	50		2	3	<0800	<2100	0·0
Ross-on-Wye	o₀iRo	dkrodq	odd	d₀or₀o	56	56	54	7	0·6	<0800	<2100	0·0
Leafield ..	r-d	b		r	57	52	45	2	1	-	-	2·3
Andover	ororr	oom	oddo	oo	54	53	51	2	0·1	<0800	<2100	0·0
S. Farnborough ...	ir₀ow	oomm	dmo	oro	58	54	52	31	0·2	<0800	<2100	1·0
London (Kew Obsy.)...	omrir₀	oipoz	ozomo	op₀oc	57	54	53	2	0·1	<0800	-	0·0
Croydon	orbc	coz.m	com	om	57	53	50	0·4	-	<0800	-	0·7
Clacton-on-Sea ..	bcoqp	oqc	cdq	oq	54	53	51	0·5	-	1100	-	0·0
Shoeburyness.. ...	br₀r₀	o	o	o	55	52	52	0·5	0·1	0300	-	0·0
Grain	omrom	o	ocbc	cw	55	54	49	1	0·1	1100	-	0·0
Lympne	orm	odm	omd₀	omr₀	54	53	51	2	0·2	1530	<2100	0·1
Scilly (St. Mary's) ...	offd	offid	offe	omrq	58	51	•	0·6	2	<0800	0330	0·0
Falmouth (Pendennis)	omd	ord₀fo	foco	coomd	57	55	•	4	0·3	<0800	0430	0·0
Plymouth(Cattewater)	ordm	oddm	odm	odm	57	56	50	6	0·4	<0800	<2100	0·0
Portland Bill	r-d	rord	r	o	58	56	•	1	trace	<0800	<2100	•
Southampton(Calshot)	oo	o	oir₀	oid₀o	57	56	56	0·3	trace	0300	<2100	0·0
Dungeness	p	p	p	p	57	55	•	1	0·2	0300	2400	•
Guernsey	oco	om	o'cm	mcr₀o	61	53	•	-	trace	-	0630	•



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility.
2	18th 1000	Scotia	SE	5	oqd	53	55	6
1	18th 1200	Ibex	SSW	5	0	60	58	6
3	19th 0200	Arundel	SSW	4	0	57	57	7

GENERAL INFERENCE.

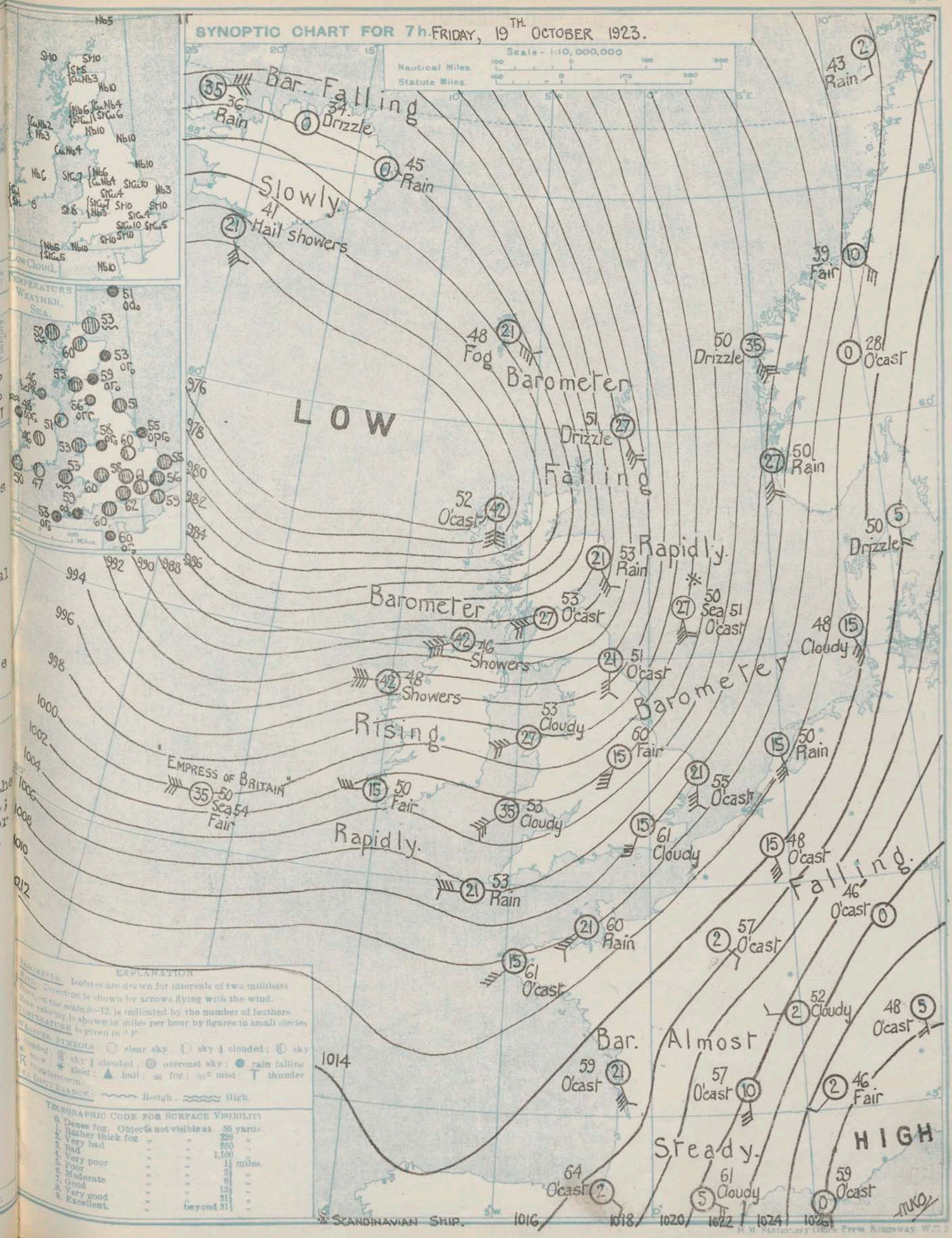
A deep depression is situated south of Iceland and a secondary over the British Isles is moving northeast quickly. Colder westerly winds which have already invaded the West will spread to all districts, and bright periods with occasional showers are probable generally.

There are indications of another depression between Greenland and the Azores which threatens to cause a continuance of unsettled weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 19th October, 1923.	Further Outlook.
1. S.E. England ▼ 2. E. England ▼ 3. E. Midlands 4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼	Winds mainly between W. and S., fresh or strong; bright periods, local showers, perhaps dull and rainy again later; visibility mainly good; colder and less humid again.	Unsettled in the North and West; none issued for the Southeast. -------- ▼ South Cone hoisted at 0230 G.M.T. today. ------
7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands 10. N.E. England ▼ 11. E. Scotland ▼ 12. S.W. Scotland ▼ 13. Isle of Man ▼ 14. N. & N.W. Scotland ▼ 15. Hebrides ▼ 16. Orkneys and Shetlands ▼ 17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Wind mainly between W and S, fresh or strong, a gale at first in exposed places; bright periods, some showers; perhaps dull and rainy later; visibility mainly good; colder again.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.00 GMT G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. FRIDAY, 19TH OCTOBER 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
Temperature
Weather.
Sea.
Bar. Falling Slowly.
35 36 Rain
0 34 Drizzle
0 45 Rain
21 41 Hail showers
2 43 Rain
10 39 Fair
21 48 Fog
35 50 Drizzle
0 28 O'cast
Barometer
LOW
27 51 Drizzle
Falling
27 50 Rain
42 52 O'cast
5 50 Drizzle
Rapidly.
21 53 Rain
Barometer
27 53 O'cast
27 50 Sea 51 O'cast
15 48 Cloudy
42 46 Showers
21 51 O'cast
42 48 Showers
Barometer
Rising
27 53 Cloudy
15 60 Fair
15 50 Rain
"EMPRESS OF BRITAIN"
35 50 Sea 54 Fair
15 50 Fair
35 53 Cloudy
21 55 O'cast
Rapidly.
15 61 Cloudy
15 48 O'cast
Falling.
21 53 Rain
46 O'cast
0
21 60 Rain
2 57 O'cast
15 61 O'cast
2 52 Cloudy
5 48 O'cast
Bar. Almost
21 59 O'cast
10 57 O'cast
2 46 Fair
HIGH
Steady.
2 64 O'cast
5 61 Cloudy
0 59 O'cast
976
978
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
EXPLANATION
Barometric Pressure. Isobars are drawn for intervals of two millibars.
Wind. Direction is shown by arrows flying with the wind. Force, on the scale 0—12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
Temperature is given in ° F.
Weather Symbols: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
Sea 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 " " 6½ "
7. Good " " 12½ "
8. Very good " " 31 "
9. Excellent. " beyond 31 "
* Scandinavian Ship.
H.M. Stationery Office Press Kingsway W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 19th October.....1923. No. 292.

Observations at 0100 G.M.T. 19th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1003·8	-6	SSE	3	o	50	92	6	-	-	o	a.St	10
Stornoway	51	995·1	-12	SSE	4	o	"	"	5	"	"	"	"	"
Wick	81	997·2	-9	S	5	c/r	50	97	7	800	St	7	-	7
Castlebay	37	"	"	"	"	"	"	"	"	"	"	"	"	"
Nairn	82	"	"	"	"	"	"	"	"	"	"	"	"	"
Aberdeen	40	"	"	"	"	"	"	"	"	"	"	"	"	"
Malin Head	71	988·9	-10	SE	6	o	53	92	8	5700	St Cu	9	-	9
Renfrew	38	"	"	"	"	"	"	"	"	"	"	"	"	"
Edinburgh (Inchkeith)	190	1000·1	-7	SSW	1	o	56	85	9	-	St Cu	9	-	9
Leuchars	30	"	"	"	"	"	"	"	"	"	"	"	"	"
Eskdalemuir	794	"	"	"	"	"	"	"	"	"	"	"	"	"
Tynemouth	118	1004·7	-2	S	2	bc-	55	92	6	-	-	o	a.St	5
Blacksod Point	10									"	"	"	"	
Donaghadee	35	"	"	"	"	"	"	"	"	"	"	"	"	"
Birr Castle	175	"	"	"	"	"	"	"	"	"	"	"	"	"
Holyhead	26	1000·1	-6	SSE	6	o/f	57	97	7	450	Nb	10	-	10
Liverpool (Bidston)	189	"	"	"	"	"	"	"	"	"	"	"	"	"
Chester (Shotwick)	16	"	"	"	"	"	"	"	"	"	"	"	"	"
Spurn Head	26	1009·0	-4	SSE	4	o	52	97	5	800	St	10	-	10
Birmingham (Edgbaston)	525	"	"	"	"	"	"	"	"	"	"	"	"	"
Nottingham	82	"	"	"	"	"	"	"	"	"	"	"	"	"
Cranwell	237	1009·0	-5	S'W	4	c-	55	97	7	1500	St Cu	8	-	8
Gorleston	13	1013·9	-1	S	4	o	54	92	7	-	-	o	a.St	10
Valencia (Cahirciveen)	30	997·7	-5	S	7	o/r	52	92	5	-	St	10	-	10
Roches Point	32	"	"	"	"	"	"	"	"	"	"	"	"	"
Pembroke (St. Ann's H.)	149	1003·3	-7	S	6	oDD	57	97	2	4150	St	10	-	10
Ross-on-Wye	223	"	"	"	"	"	"	"	"	"	"	"	"	"
Leafield	556	"	"	"	"	"	"	"	"	"	"	"	"	"
Andover	295	"	"	"	"	"	"	"	"	"	"	"	"	"
S. Farnborough	230	"	"	"	"	"	"	"	"	"	"	"	"	"
London (Kew Obsy.)	18	"	"	"	"	"	58	"	"	"	"	"	"	"
Croydon	244	1012·0	-4	S	4	o	57	92	6	800	St	10	-	10
Clacton-on-Sea	54	"	"	"	"	"	"	"	"	"	"	"	"	"
Shoeburyness	11	"	"	"	"	"	"	"	"	"	"	"	"	"
Grain	20	"	"	"	"	"	"	"	"	"	"	"	"	"
Lympne	350	1013·9	-3	S'W	3	o/r	55	92	6	2500	St	10	-	10
Scilly (St. Mary's)	131	1005·6	-3	S'W	5	o/f	57	97	6	1500	St	10	-	10
Falmouth (Pendennis)	200	1005·0	-6	SW	5	o/f	56	97	7	4000	St Cu	10	-	10
Plymouth (Cattewater)	82	"	"	"	"	"	"	"	"	"	"	"	"	"
Portland Bill	19	1010·0	-4	S	5	o/r	53	92	7	450	St	10	-	10
Southampton (Calshot)	12	1011·2	-5	S	4	o/r	58	92	7	1500	St	10	-	10
Dungeness	21	1013·3	-4	S	4	bcd	57	97	7	4000	Nb	6	-	6
Guernsey	-	1010·8	-1	S'W	5	c	60	92	6	-	-	o	a.St	8

Observations at 0700 G.M.T. 19th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	‡
Lerwick	992·4	-9	SSE	6	od.	51	97	5	4000	Nb	5	a.St	10	5
Stornoway	976·6	-16	S'W	8	o	52	85	7	800	St	10	-	10	6
Wick	984·2	-16	S	8	o	53	97	7	800	St	10	-	10	7
Castlebay	9840	+2	V	7	bo/r	47	92	7	1500	Nb	5	-	5	7
Nairn	980·6	*	WSW	3	c+	60	75	8	1500	St	8	-	8	"
Aberdeen	989·9	-9	SSE	5	o/.	53	97	5	800	Nb	10	-	10	4
Malin Head	989·8	+12	WSW	8	bcPR	46	92	8	4000	Nb	5	-	5	4
Renfrew	989·9	-7	WSW	6	o/r	53	85	7	1500	Cu Nb	9	-	9	"
Edinburgh (Inchkeith)	989·0	-9	SSE	4	o/.	59	92	8	-	St Cu	10	-	10	2
Leuchars	988·7	-11	SE	5	o/r	55	97	6	1500	Nb	10	-	10	"
Eskdalemuir	991·0	-8	S'W	8	o/r	56	97	6	800	Nb	10	-	10	"
Tynemouth	995·6	-5	S	5	o/r	51	92	6	1500	Nb	10	-	10	
Blacksod Point	995·4	+9	SW	8	op.	48	75	7					10	8
Donaghadee	992·4	-4	WSW	5	bc-	51	85	8	450	Cu Nb	4	-	4	5
Birr Castle	1000·0	*	SW	1	bc-	46	85	6	2500	Nb	6	-	6	"
Holyhead	999·3	+7	WSW	6	c	53	75	8	2500	St Cu	7	-	7	5
Liverpool (Bidston)	997·6	-2	SW	5	o/.	58	92	7	1500	Nb	10	-	10	4
Chester (Shotwick)	998·6	-1	SW	4	o/r	59	92	6	800	Nb	10	-	10	
Spurn Head	1001·5	-5	SSW	6	o/.	55	92	6	2500	Nb	10	-	10	2
Birmingham (Edgbaston)	1001·8	-3	S	5	o	59	85	7	800	St	10	-	10	"
Nottingham	1001·3	-7	SSW	4	bc	60	85	8	2500	St Cu	4	Ci	5	"
Cranwell	1002·6	-6	S'W	4	o	58	92	7	800	St Cu	10	-	10	
Gorleston	1008·1	-4	S	5	o	55	92	6	4000	Nb	5	a.St	10	4
Valencia (Cahirciveen)	1002·1	+8	W'S	4	bc-	50	75	8	2500	Cu	5	-	5	4
Roches Point	1003·0	+8	W	2	b-	47	92	8	-	-	0	Ci	3	1
Pembroke (St. Ann's H.)	1002·9	+5	SW'W	7	c/r	53	85	8	1500	St	8	-	8	6
Ross-on-Wye	1001·8	-4	SW'S	6	o	60	85	7	2500	St Cu	10	-	10	"
Leafield	1004·7	-8	SW	5	o-	58	97	8	4000	St	10	-	10	
Andover	1006·7	-3	SW'S	5	o	59	92	7	450	St	10	-	10	"
S. Farnborough	1006·9	-2	SW	5	o/r	62	85	7	1500	St Cu	10	-	10	"
London (Kew Obsy.)	1006·4	-3	SSW	4	c-	61	85	8	1500	St Cu	4	Ci Cu	8	"
Croydon	1007·4	-3	SW'S	4	o	61	85	7	800	St	8	a.St	10	
Clacton-on-Sea	1007·7	-5	SSE	4	o	56	92	6	4000	St	10	-	10	3
Shoeburyness	1007·8	-3	SSW	3	o-	59	85	7	-	-	0	Ci St	9	"
Grain	1008·0	-4	SSW	4	c-	60	85	8	4000	St	5	a.St	8	0
Lympne	1009·5	-3	SW	5	o/r	58	92	6	4000	St Cu	5	Ci St	10	
Scilly (St. Mary's)	1006·0	+2	W'N	5	ov.	53	97	7	4000	Nb	10	-	10	5
Falmouth (Pendennis)	1005·6	+1	SW	5	od.	59	97	6	800	Nb	10	-	10	1
Plymouth (Cattewater)	1005·7	-1	SW	5	odd	58	97	5	450	Nb	10	-	10	4
Portland Bill	1006·8	-4	SW	5	o	60	85	7	800	St	10	-	10	1
Southampton (Calshot)	1007·8	-2	SW'W	5	o	61	85	7	800	St	10	-	10	5
Dungeness	1009·0	-3	SSW	5	c	59	92	7	4000	St Cu	5	a.Cu	8	4
Guernsey	1009·9	0	SW	5	ov.	60	92	8	2500	Nb	10	-	10	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 17h.-18h. °F.	Temperature. Max. Day. 18h. °F.	Rainfall.† Night 17h.-9h. 17th-18th mm.	Rainfall.† Day 9h.-17h. 18th mm.	Sunshine. Sunrise to 17h. 18th hr.	Sunshine. Sunrise to Sunset. 17th hr.
Montrose	ocm	cmo	48	52	-	-	0.8	4.3
Berwick-on-Tweed	moce	mmbcm	48	53	-	-	1.3	6.5
Llandudno	pop	rod	43	56	-	2	0.3	5.4
Colwyn Bay	c	o	44	56	-	-	0.0	5.5
Rhyl	cpc	cbc	43	58	-	0.4	0.8	5.5
Southport	oco	orco	42	53	-	2	0.0	6.4
Blackpool	o	or	42	53	-	5	0.0	6.4
Ilkley	omcom	od.mo	41	52	-	1	0.0	6.8
Harrogate	bm	md	42	52	-	1	0.0	6.9
Skegness	cobc	c	40	53	Trace	0.5	0.2	3.4
Aberystwyth	roc	b	43	60	2	-	1.5	0.0
Bath	og	ogud	43	53	1	Trace	0.1	0.0
Leamington Spa	od	od	41	54	1	4	0.0	0.0
Lowestoft	o	o	43	55	-	-	0.4	3.8
Felixstowe	cm	opcm	44	54	-	0.4	0.4	1.9
Southend	or	o	46	54	-	1	0.0	2.8
Ilfracombe	o	o	47	60	8	0.3	0.0	0.0
Bude	repco	coe	44	61	4	-	0.4	1.1
Paignton	r	od	46	58	3	1	0.0	4.1
Torquay	opo	oe	44	53	1	1	0.0	3.2
Weymouth	o	o	40	54	0.3	-	0.0	4.2
Bournemouth	po	o	45	54	0.3	Trace	0.0	1.4
Portsmouth (S'thsea)	ococr	ocp	47	56	0.1	0.1	0.1	1.4
Littlehampton	do	o	44	56	1	0.3	0.0	1.5
Worthing	o	or	42	54	-	2	0.1	4.1
Brighton	ro	oro	43	54	0.4	6	0.1	3.0
Eastbourne	od.co	opPo	47	56	0.1	4	0.1	3.1
Hastings	o	op	44	56	-	0.4	0.1	2.6
Folkestone	opoc	codr	43	58	-	0.5	0.1	1.8
Dover	odo	o	43	56	-	0.2	0.2	3.2
Tunbridge Wells	cd	o	45	*	-	0.4	0.0	2.9
Ramsgate	or	oco	47	56	-	0.5	0.3	2.5
Margate	bcc	cpcp	43	54	-	Trace	0.2	
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:

Observations at 1300 G.M.T. 19th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	987.4	-3	SW	8	b/r	51	75	6	-	-	0	ACu	2	·
Stornoway	983.1	+9	SW	6	bcp	48	85	7	3500	Nb	6	·	6	·
Wick	988.9	+8	SW	6	bc	52	65	8	3700	Cu	4	·	4	·
Castlebay	990.8	-3	WSW	7	bc	49	75	8	2500	FrCu	5	4	5	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	994.0	+0	SW	4	b	55	55	8	2500	Cu	2	-	2	1
Malin Head	996.4	+4	SSW	7	bcpR	50	85	8	4000	Cu	5	-	5	·
Renfrew	998.0	+6	W	6	bcr	53	65	8	2500	StCu	6	·	6	1
Edinburgh (Inchkeith)	996.2	+5	WSW	7	b·	51	75	8	*	Cu	2	Ci	3	·
Leuchars	995.5	+5	WSW	6	bc	53	65	8	4000	StCu	6	-	6	1
Eskdalemuir	999.1	+5	WSW	7	bc	49	75	8	4000	Cu	3	-	5	1
Tynemouth	1001.0	+5	W	4	bcr	53	65	7	3500	CuNb	4	-	4	-
Blacksod Point	999.7	+3	W	5	bc	51	65	8	·	·	·	·	4	·
Donaghadee	1001.9	+2	WSW	3	bcr	52	65	8	3500	Cu	6	·	6	·
Birr Castle	1003.1	*	SW	2	c	53	65	8	4000	StCu	5	CiCu	7	·
Holyhead	1004.9	+3	SSW	5	bc·	53	65	8	4000	Cu	3	CiSt	4	1
Liverpool (Bidston)	1004.5	+3	WSW	4	b	52	65	8	2500	StCu	2	CiSt	3	·
Chester (Shotwick)	1005.0	+4	W	4	bc·	54	55	8	4000	Cu	2	Ci	5	1
Spurn Head	1003.8	+2	WS	5	o·	53	85	6	1500	Sc	8	CiSc	9	·
Birmingham (Edgbaston)	1006.2	+4	WSW	5	or	54	65	8	4000	Cu	1	ASc	10	2
Nottingham	1004.8	+3	WSW	4	o	56	65	7	2500	Nb	1	CiSc	9	·
Cranwell	1005.1	+2	WSW	4	o	57	85	8	2500	Cu	4	CiSc	9	2
Gorleston	1006.6	-1	SSW	3	c	63	75	6	4000	Cu	4	CiCu	8	·
Valencia (Cahirciveen)	1005.9	+2	WSW	4	c	51	75	9	2500	Cu	3	CiCu	7	1
Roches Point	1006.3	+2	SW	3	bc	53	75	8	3500	CuNb	3	CiCu	4	·
Pembroke (St. Ann's H.)	1007.1	+5	WSW	5	bc	53	65	8	4000	Cu	2	Ci	6	·
Ross-on-Wye	1006.5	+3	WS	3	o	54	65	9	4000	Cu	1	ASc	10	2
Leafield	1006.0	+3	SW	3	od₀	54	85	8	2500	Sc	10	·	10	*
Andover	1007.5	+1	W	3	or	58	97	7	800	Sc	10	·	10	2
S. Farnborough	1007.2	0	WN	3	or	57	92	6	1500	StCu	10	·	10	1
London (Kew Obsy.)	1007.0	0	W	3	or₀	59	85	8	1500	Nb	9	ASc	10	1
Croydon	1007.4	0	SW	3	orr₀	62	85	7	800	Nb	10	·	10	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1006.9	-2	SW	4	o	62	75	8	2500	StCu	8	ASc	10	*
Grain	1006.9	-1	SW	5	or	67	75	8	2500	Sc	4	ASc	10	1
Lympne	1008.2	-3	WSW	5	o/r	61	85	7	2500	Sc	8	ASc	10	1
Scilly (St. Mary's)	1008.5	0	-	0	ofg₀	52	92	7	4000	Nb	10	·	10	·
Falmouth (Pendennis)	1008.3	0	NW	1	of₀	53	85	7	4000	Nb	10	·	10	·
Plymouth (Cattewater)	1008.4	0	WN	2	o/r	54	75	7	2500	StCu	1	ASc	10	2
Portland Bill	1008.1	+2	N	2	or	55	85	7	4000	Nb	10	·	10	·
Southampton (Calshot)	1007.6	-1	WSW	4	orr	59	92	6	1500	Nb	10	·	10	0
Dungeness	1008.0	-1	SW	5	bcr	62	85	7	4000	StCu	6	·	6	·
Guernsey	1009.6	-1	WSW	4	odd	60	97	7	1500	Nb	10	·	10	·

Observations at 1800 G.M.T. 19th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea.
Lerwick	991.5	+5	SW	6	b	48	85	7	4000	Cu	2	-	2	5
Stornoway	989.3	+5	SW	5	bcpc	45	85	7	4000	Cu	6	-	6	4
Wick	992.2	+4	SW	5	b	45	85	8	4000	Cu	1	-	1	6
Castlebay	993.8	+3	WSW	7	c	49	75	8	1500	CuNb	8	-	8	7
Nairn	994.2	*	WNW	6	bc/r	44	85	8	4000	Cu	5	-	5	6
Aberdeen	994.7	+4	SW	3	b	41	75	8	-	-	0	-	0	0
Malin Head	998.6	+2	SWS	6	bc/r	47	85	8	5700	Cu	3	CiCu	4	6
Renfrew	1000.8	+5	WSW	4	bc/r	48	75	8	1500	StCu	4	CiCu	6	·
Edinburgh (Inchkeith)	999.6	+5	SW	5	b	49	75	8	-	CuNb	1	Ci	2	4
Leuchars	999.5	+5	WSW	4	b	47	75	8	4000	StCu	1	-	1	·
Eskdalemuir	1003.2	+3	S	1	b	42	85	7	4000	Cu	1	-	1	·
Tynemouth	1004.3	+3	W	2	bc	50	75	6	800	St	3	ACu	4	1
Blacksod Point	1001.2	+1	W	5	o	49	75	8	*	*	*	*	10	8
Donaghadee	1002.9	+1	SW	3	b	47	75	8	-	-	0	CiSt	3	3
Birr Castle	1004.7	*	WSW	3	bc-	47	75	7	4000	StCu	6	-	6	·
Holyhead	1005.7	+1	SW	4	b	51	65	8	4000	Cu	3	-	3	3
Liverpool (Bidston)	1006.4	+3	WSW	3	b-	48	85	8	2500	St	1	-	1	4
Chester (Shotwick)	1006.4	+2	W	1	b-	45	85	8	-	-	0	Ci	2	·
Spurn Head	1007.0	+3	WSW	1	c	50	85	5	5700	StCu	2	CiSt	8	2
Birmingham (Edgbaston)	1007.8	+2	WSW	2	me	49	75	5	2500	StCu	6	ASt	8	·
Nottingham	1007.6	+2	WSW	2	o	49	75	6	2500	Nb	5	ASt	9	·
Cranwell	1007.9	+3	SWW	2	bc	47	97	7	4000	St	3	CiCu	6	·
Gorleston	1008.5	+1	SW	1	or-	55	92	6	4000	Nb	10	-	10	1
Valencia (Cahirciveen)	1006.0	0	SSW	3	o	49	75	8	2500	StCu	5	ASt	10	3
Roches Point	1006.7	+1	WSW	1	or	49	85	8	-	-	0	ACu	9	1
Pembroke (St. Ann's H.)	1007.6	+1	W	3	bc	51	75	8	4000	Cu	5	-	5	4
Ross-on-Wye	1007.9	+1	S	1	or₀	49	85	8	2500	Nb	7	ASt	9	·
Leafield	1009.3	+1	SW	3	or₀r₀	48	97	2	2500	St	10	-	10	·
Andover	1008.6	+1	NW	1	orrm	49	97	5	800	Sc	10	-	10	·
S. Farnborough	1008.5	0	-	0	orr	52	97	5	800	Nb	10	-	10	·
London (Kew Obsy.)	1008.6	0	SW	1	or	55	85	6	800	St	10	-	10	·
Croydon	1009.0	+1	WS	1	orr	54	97	6	800	Nb	10	-	10	·
Clacton-on-Sea	1008.6	+2	W	2	o/r	55	97	6	1500	St	10	-	10	0
Shoeburyness	1008.4	+2	-	0	o/r	55	85	7	800	St	10	-	10	·
Grain	1008.1	+1	WN	2	o	55	92	6	1500	St	10	-	10	0
Lympne	1009.1	-1	WS	5	o/r	59	97	6	450	St	10	-	10	·
Scilly (St. Mary's)	1008.5	0	-	0	o/r	50	85	8	4000	StCu	9	-	9	1
Falmouth (Pendennis)	1008.5	0	-	0	o/r	53	85	7	4000	Nb	10	-	10	0
Plymouth (Cattewater)	1008.7	0	-	0	orr	49	85	5	250	Nb	10	-	10	1
Portland Bill	1008.7	0	NW	1	orr	51	92	7	4000	Nb	10	-	10	4
Southampton (Calshot)	1008.4	-1	-	0	od₀f₀	54	97	8	800	Nb	8	ASt	10	0
Dungeness	1008.9	+1	SSW	4	or	59	97	6	4000	Nb	10	-	10	6
Guernsey	1008.2	-4	SSW	2	odd₀	61	97	8	4000	Nb	5	ASt	8	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 Hours ended 0600 G.M.T. 20th)	Weather Afternoon	Weather Night	Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew	18	cor₀	lorond	omRomd	*	*	46	5	16	0.2	*	*
Croydon (24 hours ended 0700)	244	or₀	orrf₀d₀	orRm	*	*	45	6	15	0.8	*	*
Greenwich (Royal Obsy.)	149	od	or	or	64	44	43	4	17	1.6	96	92
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.1	*	*
Westminster (St. James' Pk.)	37	*	*	*	65	48	44	20		0.4	93	86
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	0.0	*	*
Camden Square	110	0	or₀r	*	65	44	46	5	16	*	*	92
Kensington Palace	80	oor	or	*	64	44	47	6	16	*	At 18h 99	93
Hampstead Observatory	450	*	*	*	62	46	45	13	4	0.0		96

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 19th

South Kensington Max.	Time.	Min.	Time.
0.6	13h-18h	<0.3	1h-19h
0.6	14h-19h		

Kew Observatory Max.	Time.	Min.	Time.
—	—	—	—

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19th 18 h. 15 m. to 20th 05 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.15	0.0	Nil
δ Ursae Minoris	11.15	0.0	Nil

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 min.	Stren.	Direc.
01h	-	-	-	-
07h	-	-	-	-
13h	-	-	-	-
19h	-	-	-	-

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

20th-21st October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.28 / 6.30	11.38 / 11.38	4.48 / 4.46
Greenwich	6.33 / 6.35	11.45 / 11.45	4.57 / 4.55
Wick	7.0 / 7.3	11.57 / 11.57	4.54 / 4.51
Valencia	7.15 / 7.17	12.26 / 12.26	5.36 / 5.34

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

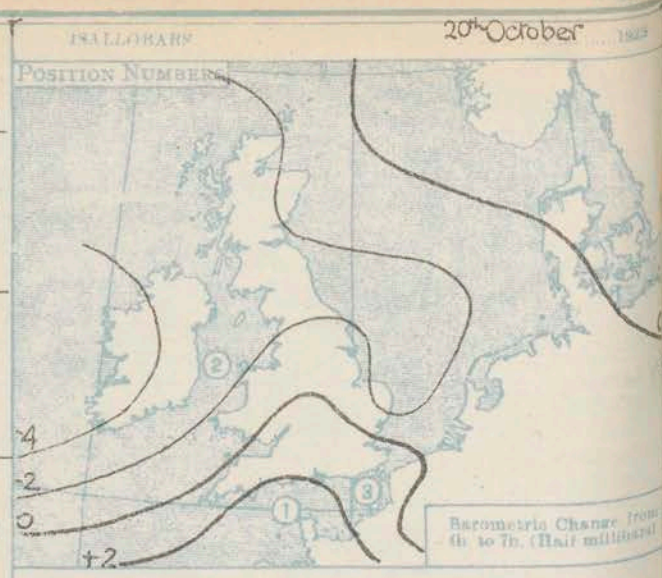
SEA DISTURBANCE.
0=no swell
1=mod. swell } Calm or slight sea.
2=heavy swell
3=no swell
4=mod. swell } Moderate sea.
5=heavy swell
6=rather rough sea
7=rough sea.
8=very rough sea.
9=mountainous sea

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	WEATHER. 13h.-18h. 19th	WEATHER. 18h. 19th to 1h 20th	WEATHER. 1h.-7h. 20th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN 19th Hours.
Lerwick	omr	bq	b	bc	54	49	.	7	–	<0800	–	2.5
Stornoway	p	p	b	p	52	42	.	1	3	–	–	4.7
Wick	bpbc	bpbc	bbc	c	54	43	.	1	–	<0800	–	
Castlebay	bcfbc	bcfco	obcoh	bcobc	51	45	.	0.4	4	–	–	5.9
Nairn	ihqbc	bcihq	bbc	bcc	60	42	.	4	–	<0800	–	7.0
Aberdeen	rqqb	b	bbc	bbc	56	43	35	0.6	–	<0800	–	7.4
Malin Head	bcPr	bbcPR	bbcv	bccov	53	44	.	2	0.3	<0800	<2100	6.6
Renfrew	cpbcq	bcqpo	co	com	55	43	39	trace	–	0900	–	6.1
Edinburgh (Inchkeith)	c	b	bc	obc	59	45	42	0.2	–	<0800	–	7.1
Leuchars	ormbc	pbbcq	bbc	bbc	54	42	25	3	–	<0800	–	6.7
Eskdalemuir	ormcfq	bcb	bbcc	cbccobc	56	37	34	1	Trace	<0800	06.30	6.4
Tynemouth	bcp	m	cm	om	60	43	40	0.5	–	<0800	–	.
Blacksod Point	c	b	b	b	[illegible]	44	.	1	2	–	–	.
Donaghadee	bcq	bc	c	c	54	43	.	–	–	–	–	.
Birr Castle	prcb	copor	co	co	56	47	39	1	–	<0800	–	7.2
Holyhead	cbc	bcb	bbcoc	ooc	55	49	45	–	–	–	–	8.2
Liverpool (Bidston)	ocbcb	bbc	bcc		53	44	37	–	Trace	–	<2100	6.4
Chester (Shotwick)	orrcqbc	bbc	bbc	co	59	38	30	1	–	<0800	–	3.5
Spurn Head	oo	c	bbc	bcc	60	43	28	0.5	–	<0800	–	1.4
Birmingham (Edgbaston)	or	obcc	cbm	bbc	59	40	30	0.3	–	0900	–	1.1
Nottingham	R	c	ocbm	f-m	62	34	33	2	–	0900	–	1.3
Cranwell	corp	c	bbc	bbc	64	39	30	2	–	0900	–	2.2
Gorleston	cq	orr	or	ord	64	48	44	3	6	1330	<2100	2.9
Valencia (Cahirciveen)	bcqc	cpo	or	oro	53	47	42	0.2	4	1230	<2100	6.7
Roches Point	bbc	bcco	obc	cbc	54	48	.	–	0.4	–	22.00	.
Pembroke (St. Ann's H.)	c	c	bbc	c	54	51	.	–	–	–	–	3.3
Ross-on-Wye	dqrqcov	ocoro	rocm	bcfcfe	60	36	31	2	0.3	<0800	<2100	0.6
Leafield	r-d	r-d	c	c	60	41	39	0.6	0.5	–	–	0.0
Andover	oormcorrm	oRRmo	oc		61	45	40	8	5	0900	<2100	0.0
S. Farnborough	ooirc	irorr	rriR	ocmm	63	46	43	5	16	0300	<2100	0.0
London (Kew Obsy.)	coirc	iorom	[illegible]	[illegible]	64	47	46	5	16	1100	<2100	0.2
Croydon	orc	orrrorc	orRm	orcm	65	47	45	6	15	1100	<2100	0.8
Clacton-on-Sea	ogc	cogr	ogcr	ogrd	62	48	47	3	22	1430	<2100	1.9
Shoeburyness	oo	orro	oR	orro	66	47	48	3	16	1430	<2100	1.6
Grain	cbco	orro	omrR	RRo	63	49	49	4	15	1330	<2100	2.8
Lympne	corc	ocom	oirm	oRmrc	64	52	51	3	4	1230	<2100	2.3
Scilly (St. Mary's)	or	orc	c	c	53	47	.	4	–	<0800	–	0.0
Falmouth (Pendennis)	omr	or	co	cobc	53	47	.	5	–	1230	–	0.0
Plymouth (Cattewater)	odr	orrm	ormo	obcmw	58	43	–	5	0.4	<0800	<2100	0.0
Portland Bill	p	p	r-d	r-d	61	50	.	8	4	<0800	<2100	.
Southampton (Calshot)	rrm	rorrr	ormoorr	orro	62	47	46	8	17	0900	<2100	0.3
Dungeness	p	p	r-d	dd	63	56	.	2	3	<0800	<2100	.
Guernsey	oirirm	oirac	prjRm	roo	62	49	.	5	6	<0800	<2100	.



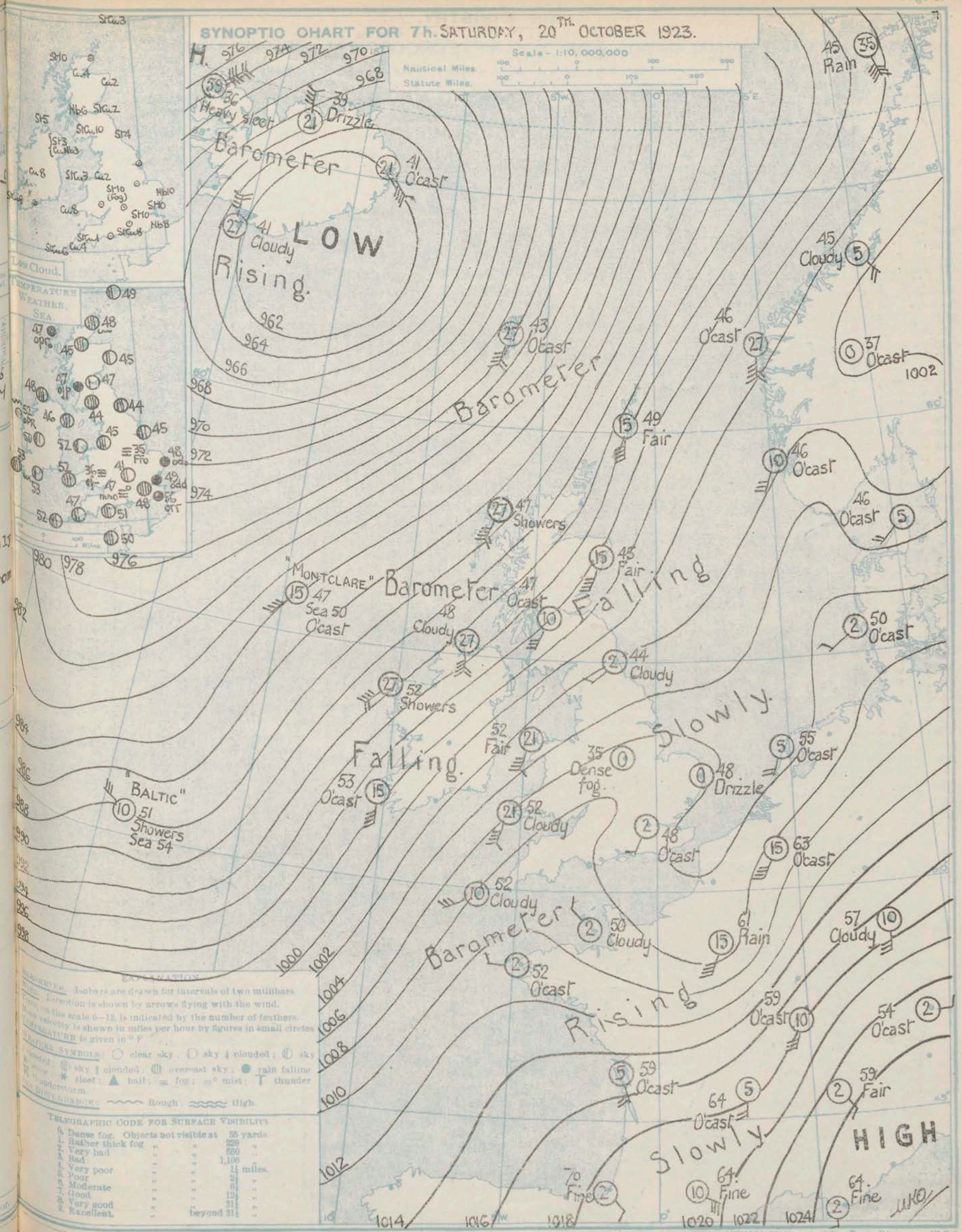
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. sea.	Visibility
2	19th 10h	Scotia	NSW	6	b	51	55	3
3	20th 2h	Dieppe	SW	4	cot	60	58	4

GENERAL INFERENCE.

Secondary depressions off our Western Coasts are likely to cause changeable, unsettled weather generally, with winds from S. and S.W., and a moderate to rather low temperature.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Saturday, 20th October, 1923.	Further Outlook.
1. S.E. England ▽		
2. E. England ▽		
3. E. Midlands		Unsettled.
4. W. Midlands	ALL DISTRICTS.	
5. S.W. England ▽		
6. South Wales ▽		▽ South Cone hoisted 0230 GMT. 19-10-20
7. North Wales ▽		
8. N.W. England ▽	Winds mainly S. or S.W., fresh or strong at times, squally; changeable, some rain or showers; visibility mainly good; moderate to rather low temperature.	
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 ▽		



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday 20th October 1923. No. 293

Observations at 0100 G.M.T. 20th

STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	2032	+1	S	3	b	48	85	4	5400	Stcu	1	–	1
Stornoway	51	2031	-1	WSW	6	PH	*	*	5	*	*	*	*	*
Wick	81	2030	0	SW	5	o	47	85	8	3100	Stcu	2	CiSt	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	2010	-4	SW	6	b	44	92	9	–	–	0	Cicu	2
Renfrew	58	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	196	1004	-1	SW	4	o	41	85	8	–	Stcu	5	ASt	9
Leuchars	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	1049	0	W	1	o	44	92	6	800	St	4	A.St	10
Blacksod Point	10	2013	-3	SW	6	bc	50	95	7	–	–	–	–	6
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	36	1004	-1	SW'S	4	o	51	95	8	2500	Stcu	10	–	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	28	1006	-1	SW	1	b	45	92	6	4000	Stcu	3	–	3
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	1007	-1	SW	1	b	42	94	6	5400	Stcu	1	ACu	2
Gorleston	15	1008	-1	NW	1	ohz	48	92	4	2500	Nb	10	–	10
Valencia (Cahirciveen)	30	1003	-4	WNW	4	o+	52	94	8	–	St	10	–	10
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	1002	-1	W	5	bc	51	95	8	4000	Cu	6	–	6
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	550	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	296	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	48	*	*	*	*	*	*	*
Croydon	244	1008	-1	NW'N	1	ohz	47	94	6	800	Nb	10	–	10
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1008	-1	WSW	2	o/r	54	92	7	1500	St	10	–	10
Scilly (St. Mary's)	131	1008	0	W'N	2	o	49	85	8	4000	Stcu	9	–	9
Falmouth (Pendennis)	200	1008	0	–	0	o	50	85	7	4000	Stcu	9	–	9
Plymouth (Cattewater)	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	1007	-1	N	1	ohz	50	85	7	2500	Nb	10	–	10
Southampton (Calshot)	12	1007	-1	NE'N	2	ohz	48	94	7	800	Nb	10	–	10
Dungeness	21	1007	-1	SW	2	o/r	56	94	7	4000	Nb	10	–	10
Guernsey	–	1006	-2	SW'W	3	odd	59	94	5	800	Nb	10	–	10

Observations at 0700 G.M.T. 20th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	[illegible]
Lerwick	2046	-1	S	4	bc	49	85	7	5400	Stcu	3	ASt	6	3
Stornoway	2044	-1	SSW	6	obc	44	92	7	450	St	10	–	10	5
Wick	2043	-2	SSW	6	c	47	95	8	–	–	0	ACu	8	6
Castlebay	990.2	-1	SW	5	o	50	85	8	2500	CC	10	–	10	7
Nairn	2031	•	–	0	c+	45	95	8	4000	Cu	4	ACu	7	•
Aberdeen	2034	-1	SSW	4	bc	45	85	7	1500	Cu	2	Ci	4	1
Malin Head	2032	-3	S	6	c+	48	92	9	–	St	5	ACu	8	5
Renfrew	2029	-2	SSW	3	ojb	44	85	6	1500	Nb	6	ASt	10	•
Edinburgh (Inchkeith)	2029	-3	SSW	4	b+	47	85	8	–	Stcu	2	CiSt	3	2
Leuchars	2029	-1	SSW	3	bc	45	85	7	4000	Stcu	4	–	4	•
Eskdalemuir	1004	-2	S	4	o	44	85	7	1500	Stcu	10	–	10	•
Tynemouth	1029	-3	SSW	1	c-	44	92	6	800	St	4	ACu	8	•
Blacksod Point	2019	-5	SW	6	oPR	52	92	7	–	–	–	–	10	6
Donaghadee	1000.8	-3	WSW	1	bc-	46	92	8	800	CiNb	6	–	6	2
Birr Castle	2026		S	3	c+	50	85	6	4000	Cu	8	–	8	•
Holyhead	1026	-2	SSW	5	bc	52	85	8	2500	Stcu	3	CiCu	6	3
Liverpool (Bidston)	1039	-1	S	2	c	45	92	7	2500	Cu	2	ACu	7	4
Chester (Shotwick)	1045	-2	SE	3	o+	[illegible] H1	94	8	2500	St	1	ACu	9	•
Spurn Head	1054	-1	SW	3	c+	45	85	6	–	–	0	Ci	8	0
Birmingham (Edgbaston)	1066	-1	SW	3	bc	41	92	7	–	–	0	Ci	5	•
Nottingham	1063	0	–	0	Fo	35	94	0	4150	St	10	–	10	•
Cranwell	1066	-1	WSW	2	mmc	40	94	6	–	–	0	Ci	8	•
Gorleston	1061	-2	–	0	ao	48	92	5	2500	Nb	10	–	10	0
Valencia (Cahirciveen)	2037	-5	S	4	o/r	53	85	7	1500	Stcu	8	ASt	10	4
Roches Point	1016	-4	S	5	bc-	53	92	8	–	–	0	ACu	4	6
Pembroke (St. Ann's H.)	1059	-2	SSW	5	c-	52	95	8	2500	Cu	8	–	8	5
Ross-on-Wye	1042	-1	–	0	c-	50	94	8	–	–	0	Ci	7	•
Leafield	1068	0	WSW	1	bc	41	94	8	–	–	0	Ci	4	
Andover	1078	0	SW	1	c-	45	94	7	2500	Stcu	6	Ci	8	•
S. Farnborough	1072	0	WSW	2	mmo	49	94	6	–	–	0	ACu	9	•
London (Kew Obsy.)	1076	+2	SSW	1	o	48	94	6	2500	St	10	–	10	•
Croydon	1075	0	–	0	o/r	49	94	6	1500	St	8	ASt	10	•
Clacton-on-Sea	1062	-1	NW	2	odd	49	94	4	800	St	10	–	10	0
Shoeburyness	1064	0	NE	3	o/r	49	92	7	450	St	10	–	10	–
Grain	1064	0	NW	3	o/r	49	94	6	800	St	10	–	10	0
Lympne	1063	0	N	3	oro	52	94	5	220	St	10	–	10	•
Scilly (St. Mary's)	1084	0	WSW	3	c	52	85	8	4000	Stcu	6	ACu	8	2
Falmouth (Pendennis)	1085	0	SW	2	bc	47	85	8	5400	Cu	4	–	4	0
Plymouth (Cattewater)	1084	+2	NE	2	mbc	43	94	6	4000	Stcu	1	Ci	4	0
Portland Bill	1078	0	W	1	c-	51	95	7	–	–	0	ACu	7	3
Southampton (Calshot)	1083	+2	W	1	c/r	47	94	7	4000	Stcu	8	–	8	0
Dungeness	1053	-2	WSW	2	ohz	56	94	5	2500	Nb	8	CiSt	10	4
Guernsey	1058	+3	NW	1	c/r	50	94	8	4000	St	7	–	7	1

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 18th-19th	Temperature. Max. Day. 19th	Rainfall.† Night 17h.-9h. 18th-19th	Rainfall.† Day 9h.-17h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset. 18th
			°F	°F.	mm.	mm.	hr.	hr.
Montrose	rcbc	bcb	47	54	3	–	6.7	0.8
Berwick-on-Tweed	prcbc	bcbbc	48	59	12	2	7.7	1.3
Llandudno	cbbc	bc	52	55	2	–	5.6	0.3
Colwyn Bay	bc	bc	52	55	–	–	6.8	0.0
Rhyl	bc	bc	52	57	1	–	7.2	0.8
Southport	cbcbc	b	52	55	1	–	5.7	0.0
Blackpool	roc	cbc	52	57	4	–	6.4	0.0
Ilkley	opcbc	bcb	50	55	3	–	4.9	0.0
Harrogate	bcb	b	47	53	6	–	5.1	0.0
Skegness	bcrcr	oc	50	61	0.4	2	1.5	0.2
Aberystwyth	r	cb	52	55	4	–	5.7	1.5
Bath	or	od	56	55	1	3	0.0	0.1
Leamington Spa	odo	cbo	50	57	1	0.3	0.6	0.0
Lowestoft	ococ	coro	54	66	1	3	2.6	0.7
Felixstowe	bc	comr	53	65	0.4	3	2.4	0.4
Southend	oc	r	52	65	0.1	3	2.1	0.0

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 18th-19th	Temperature. Max. Day. 19th	Rainfall.† Night 17h.-9h. 18th-19th	Rainfall.† Day 9h.-17h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset. 18th
			°F	°F.	mm.	mm.	hr.	hr.
Ilfracombe	op	op	51	55	2	0.4	0.0	0.0
Bude	rro	ro	50	56	3	1	0.0	0.7
Paignton	r	r	55	57	0.3	8	0.0	0.0
Torquay	opd	or	56	61	0.4	5	0.0	0.0
Weymouth	r	r	54	62	1	5	0.0	0.0
Bournemouth	oor	oro	56	63	trace	7	0.0	0.0
Portsmouth (S'thsea)	ocoep	ocp	56	61	–	11	0.1	0.1
Littlehampton	o	ro	54	61	–	8	0.0	0.0
Worthing	ror	ro	56	62	0.2	7	0.0	0.1
Brighton	coro	oro	58	64	0.2	2	0.7	0.1
Eastbourne	copo	opo	54	64	0.3	3	1.2	0.1
Hastings	e	r	46	57	2	2	0.0	0.1
Folkestone	bcer	cobc	58	63	1	3	2.2	0.1
Dover	o	or	52	66	–	11	0.4	0.2
Tunbridge Wells	bcor	rc	52	?	0.1	2	3.2	0.0
Ramsgate	b	or	53	69	0.2	2	3.4	0.3
Margate	cbc	crc	53	67	–	3	3.4	0.2
Deal								

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22613 Sunday, 21st October 1923.

Observations at 1300 G.M.T. 20th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	994·1	0	S	6	o	50	85	7	5700	StCu	1	A.St	9	•
Stornoway	985·8	-2	SSW	4	orr	49	97	6	450	St	10	-	10	•
Wick	991·3	-1	SSW	5	o	51	85	8	4000	StCu	6	Ci St	10	•
Castlebay	986·1	-5	SSW	6	or	51	97	6	800	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995·5	-2	SSW	4	o+	52	85	7	1500	St	2	A.St	9	1
Malin Head	987·2	-7	S	7	c	55	85	8	-	-	0	ASt	8	•
Renfrew	995·1	-4	SW	4	o	56	75	7	1500	St.Cu	7	ASt	10	1
Edinburgh (Inchkeith)	996·5	-3	SSW	5	o+	54	85	8	*	Cu	3	Ci St	9	•
Leuchars	996·2	-2	S	4	o/r	53	75	7	2500	St.Cu	10	-	10	0
Eskdalemuir	997·7	-4	S'W	7	o	50	85	7	1500	St.Cu	10	-	10	1
Tynemouth	1000·8	-4	S	3	b-	55	75	6	-	-	0	Ci Cu	2	•
Blacksod Point	985·3	0	SW	8	OPR-	53	92	6	•	•	•	•	10	•
Donaghadee	996·6	-3	S	4	c+	56	75	8	1500	Cu	7	-	7	•
Birr Castle	993·0	*	S	4	c	55	75	7	4000	Cu	8	-	8	•
Holyhead	1000·1	-4	S	6	c	55	75	8	2500	Cu	6	Ci Cu	8	0
Liverpool (Bidston)	1007·0	-3	S	3	c	54	65	8	2500	Cu Nb	5	Ci St	7	•
Chester (Shotwick)	1007·9	-3	S	2	o+	56	65	8	2500	StCu	9	·	9	5
Spurn Head	1004·9	-2	SW	4	bc	54	75	7	-	-	0	A.Cu	5	•
Birmingham (Edgbaston)	1005·9	-1	SSE	4	o-	54	75	7	4000	Cu	9	-	9	1
Nottingham	1005·0	-4	WSW	4	b	56	65	8	4000	Cu	2	Ci	3	•
Cranwell	1005·7	-1	SW'S	3	c	57	85	7	4000	Cu	1	Ci	8	1
Gorleston	1007·5	0	WSW	2	bc-	56	65	6	5700	CuNb	4	·	4	•
Valencia (Cahirciveen)	996·5	-9	S'E	6	o	55	75	7	1500	St	10	-	10	1
Roches Point	994·7	-8	SSW	6	o	55	85	7	1500	StCu	8	Ci	9	•
Pembroke (St. Ann's H.)	1003·0	-4	SW	6	c	54	75	8	4000	Cu	7	·	7	•
Ross-on-Wye	1005·7	-2	SW	4	c+	54	75	8	4000	Cu	4	A.Cu	8	1
Leafield	?	-3	SSW	4	bc-	52	65	8	4000	Cu	2	A.Cu	5	4
Andover	1007·9	0	SW	4	c⊕	56	65	8	2500	Cu	3	Ci St	8	1
S. Farnborough	1008·5	0	WSW	4	mmo	57	65	6	2500	Cu	8	Ci	9	1
London (Kew Obsy.)	1008·0	-1	SW	3	c+	55	65	8	4000	Cu	3	Ci	8	1
Croydon	1008·7	-1	WSW	3	c+	55	65	8	2500	Cu	6	Ci St	8	2
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1008·2	+1	SW	2	mbr	56	75	4	1500	St	3	·	3	•
Grain	1008·7	+1	SW	3	bc-	57	55	7	4000	St	3	Ci St	6	2
Lympne	1008·8	+1	W	3	o	55	75	8	1500	St	4	Ci St	9	0
Scilly (St. Mary's)	1004·7	-4	S'W	5	c	55	85	8	4000	StCu	6	A.Cu	7	•
Falmouth (Pendennis)	1005·1	-8	SW	6	bc+	55	75	8	4000	StCu	6	·	6	•
Plymouth (Cattewater)	1006·2	-5	SSW	5	o+	55	75	8	1500	StCu	6	Ci St	9	0
Portland Bill	1007·2	-2	SW	3	c+	55	75	7	4000	StCu	8	·	8	•
Southampton (Calshot)	1008·7	-1	WSW	4	o+	56	65	8	4000	StCu	8	Ci	9	1
Dungeness	1008·7	+3	W	3	o/F	56	85	6	4000	St	3	A.Cu	9	•
Guernsey	1009·8	-3	WSW	3	c	54	55	9	2500	CuNb	7	·	7	•

Observations at 1800 G.M.T. 20th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	991·9	-2	S	6	orr	50	97	6	4000	Nb	10	-	10	5
Stornoway	981·2	-5	SSW	7	orr	51	92	6	450	St	10	·	10	6
Wick	987·3	-4	SSW	6	o	52	92	8	4000	StCu	7	A.St	10	6
Castlebay	982·0	-5	SE	6	o/rr	53	92	6	800	Nb	10	-	10	7
Nairn	987·2	*	WSW	2	c	53	75	8	4000	Cu	4	A.Cu	7	•
Aberdeen	993·5	-2	S'W	4	c	53	85	6	4000	StCu	8	-	8	1
Malin Head	982·7	-5	SSE	7	o+	54	85	8	5700	St.Cu	10	-	10	6
Renfrew	992·3	-5	S	5	o	53	75	8	800	St	10	·	10	•
Edinburgh (Inchkeith)	994·0	-2	SSW	5	o	52	85	8	-	St	7	Ci	9	3
Leuchars	993·7	-2	SSW	6	o	53	75	7	2500	St.Cu	10	-	10	*
Eskdalemuir	995·5	-2	S	6	o	48	85	7	2500	St.Cu	10	-	10	•
Tynemouth	998·9	-2	S	2	bc+	52	85	6	800	St	3	Ci Cu	5	1
Blacksod Point	982·6	-1	W	4	OPR	50	92	6	*	*	*	*	10	5
Donaghadee	992·3	-4	S	5	o+	52	85	8	450	St.	10	·	10	5
Birr Castle	986·5	*	S	4	or+	52	92	4	1500	Nb	10	·	10	•
Holyhead	995·4	-4	SSE	6	o/r+	53	75	8	1500	Cu	7	-	7	5
Liverpool (Bidston)	998·5	-4	SE	3	b	50	75	7	4000	StCu	2	Ci St	3	3
Chester (Shotwick)	998·9	-4	SW	3	bc+	50	75	8	4000	StCu	2	A.Cu	6	•
Spurn Head	1002·6	-3	S	4	bc+	50	85	7	-	-	0	A.Cu	5	2
Birmingham (Edgbaston)	1001·8	-3	SSE	4	b-	49	75	7	2500	St	2	-	2	•
Nottingham	1001·7	-2	S	3	b-	49	75	6	-	-	0	Ci St	1	•
Cranwell	1003·4	-3	S	3	c-	49	92	8	2500	StCu	8	-	8	•
Gorleston	1006·9	-1	S	3	bc	49	75	6	-	-	0	A.St	5	0
Valencia (Cahirciveen)	983·2	-8	S	6	or-	52	92	6	1500	St	10	-	10	4
Roches Point	988·1	-9	S	8	orr	54	97	6	800	Nb	10	-	10	7
Pembroke (St. Ann's H.)	997·7	-5	S	8	c	54	85	8	1500	Cu	8	·	8	7
Ross-on-Wye	1001·6	-5	S	4	o+	51	75	8	4000	StCu	5	Ci St	9	•
Leafield	1003·5	-4	S'W	4	o+	48	85	9	4000	Cu	10	-	10	•
Andover	1004·5	-5	S	3	o+	50	85	8	4000	StCu	4	A.St	10	5
S. Farnborough	1004·8	-5	SSW	3	mmo	52	85	6	2500	St	5	Ci St	10	•
London (Kew Obsy.)	1005·2	-4	S'W	2	o+	53	85	7	4000	StCu	6	Ci St	9	•
Croydon	1006·2	-4	SSW	2	o-	51	85	6	2500	StCu	7	A.St	9	•
Clacton-on-Sea	1006·1	-2	SSW	4	o	53	85	6	2500	St	10	-	10	1
Shoeburyness	1005·6	-2	SW	1	o	52	85	6	1500	StCu	10	-	10	•
Grain	1006·1	-4	S	3	o	52	85	6	4000	StCu	7	Ci St	10	•
Lympne	1006·8	-4	SW	3	o	51	92	7	800	St	8	A.St	10	•
Scilly (St. Mary's)	997·8	-7	S'E	6	o	55	97	5	4000	StCu	10	·	10	6
Falmouth (Pendennis)	998·8	-8	SW	7	o	55	85	7	4000	StCu	9	-	9	4
Plymouth (Cattewater)	1001·7	-8	S	6	or+	54	92	6	1500	St	10		10	5
Portland Bill	1003·4	-4	SSW	4	c	56	75	7	4000	CuNb	9	-	8	3
Southampton (Calshot)	1005·1	-5	SSW	4	o	54	75	8	4000	StCu	10	-	10	3
Dungeness	1006·7	-3	SW	4	c+	55	92	7	4000	Cu	3	Ci St	8	5
Guernsey	1005·8	-5	S	4	o	55	85	8	-	-	0	A.St	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 mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday.	Humidity 9h. G.M.T. % To-day.
		24 Hours ended 0000 G.M.T. 21st										
Kew } 24 hours ended 0700	18	ombcc	cco	oocoqb	•	•	48	-	0·4	5·2	•	•
Croydon } 24 hours ended 0700	244	obmc	com	om	•	•	47	-	2	4·3	•	•
Greenwich (Royal Obsy.)	149	c	cop	odr	59	50	44	Tr	2	4·6	66	84
City (Bunhill Row)	80	•	•	•	•	•	•	•	•			
Westminster (St. James' Pk.)	27	•	•	•	60	51	48	{2·1}		4·5	52	86
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	3·4	•	•
Camden Square	110	cb	co·	•	59	49	47	-	2	•	•	87
Kensington Palace	80	obc	oc	•	59	49	43	-	1	•	{At 18h} 69	84
Hampstead Observatory	450	•	•	•	55	45	38	1	0	5·5		

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

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

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 17 h. 45 m. to 21st 05 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	·	1·50	15
δ Ursae Minoris		1·36	13

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	•	–	–

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

21st - 22nd October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.30 6.32	11.38 11.38	4.46 4.43
Greenwich	6.35 6.38	11.45 11.45	4.55 4.52
Wick	7.3 7.6	11.54 11.54	4.51 4.48
Valencia	7.14 7.19	12.26 12.26	5.34 5.32

BEAUFORT NOTATION OF WEATHER.

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

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

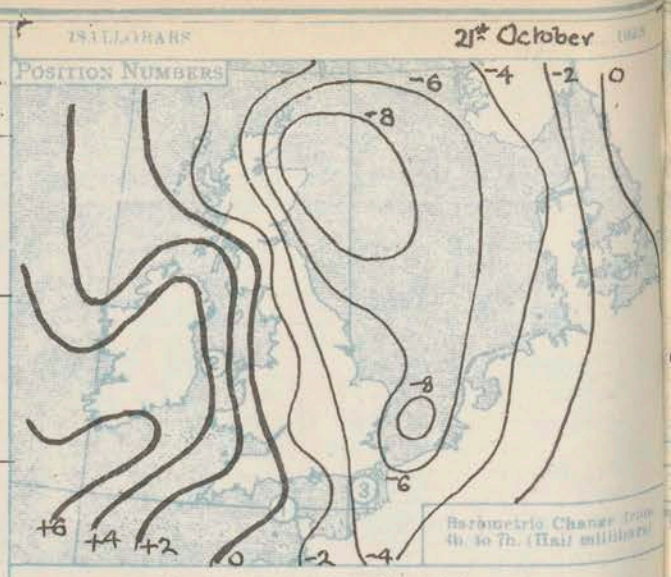
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	13h.-18h. 20th	18h. 20th to 1h. 21st	1h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 20th Hours.
Lerwick	cq	omr	omqbr	cq	53	48	•	Trace	1	1730	<2100	1·8
Stornoway	p	r	r-d	rr	52	43	•	9	14	-	-	0.0
Wick	oo	oo	o	omrr	52	43	•	-	6	-	0340	•
Castlebay	orr	rrop	Rrr	roc	53	46	•	6	3	-	-	0.0
Nairn	cbcqd	bccq	cqq	cq	55	43	•	-	-	-	-	2·1
Aberdeen	bcco	oqcq	cbc	bcqRq	54	43	44	-	8	-	04.30	4.1
Malin Head	cogu	cogu	oir	orr	56	45	•	-	6	-	<21·00	2·1
Renfrew	opd	ooq	or	orR	57	44	45	Trace	5	1230	22·00	1·6
Edinburgh (Inchkeith)	c	od	o	p	56	43	46	-	0.2	-	0430	4.3
Leuchars	bccod	oq	oo	bir	55	48	40	Trace	3	1230	02·30	3.0
Eskdalemuir	opo	oo	opo	oorm	51	44	43	0·5	8	<0800	<2100	0.0
Tynemouth	b-bcm	b-bcm	bbcm	oq	56	44	43	-	-	-	-	•
Blacksod Point	r	r	r-d	p	50	42	•	30	5	-	-	•
Donaghadee	cqp	oo	oq	cqr	56	48	•	0·1	7	1100	2200	•
Birr Castle	cd	orr	oqbrc	cd	56	44	43	0·1	11	1730	<2100	1·8
Holyhead	bcqcq	orrir	oirrqq	oRir	56	50	48	0·3	4	<0800	<2100	5·0
Liverpool (Bidston)	ocbcc	bc	p	p	55	45	41	-	1	-	03.30	2·8
Chester (Shotwick)	oo	opqocbcoqr	orRm		57	48	44	Trace	4	1430	2400	2·1
Spurn Head	b-bc	b-bc	c	bbc	55	48	•	-	1	-	0630	6·8
Birmingham (Edgbaston)	bcc	oc	bor	orr	55	44	40	-	3	-	2200	6·4
Nottingham	b-bcfm	b-bc	bco	cp	56	44	42	-	0.1	-	0530	4·8
Cranwell	c	c	bco	oorop	57	45	43	-	2	-	0530	6·8
Gorleston	odcbc	bc	ocbc	bccq	58	49	48	0·3	-	<0800	-	3·5
Valencia (Cahirciveen)	oo	orr	or	oroop	55	44	40	11	21	1330	<2100	0.0
Roches Point	oco	ortm	rrc	cbc	55	44	•	1	8	1630	<2100	•
Pembroke (St. Ann's H.)	cq	c	oqpr	c	55	53	•	-	5	-	0430	3·4
Ross-on-Wye	mbc	cbcco	coq	rrqopq	56	51	46	-	5	-	0130	6·0
Leafield	c	c	r-d	r-d	55	48	45	-	4	-	02.30	6·3
Andover	c	co	oo	oorro	56	50	46	-	2	-	0230	6·3
S. Farnborough	bccom	qmbcm	ocm	oorr	57	51	44	Trace	3	1730	0230	5·2
London (Kew Obsy.)	ombcc	cc	ooc	qpqbcqq	56	52	48	-	0.4	-	06.30	5·2
Croydon	obmc	com	om	ompR	58	51	44	-	2	-	0530	4.3
Clacton-on-Sea	pqdcbc	bccoq	oq	oq	56	52	52	0.3	-	<0800	-	3.6
Shoeburyness	ocbcbm	c	o	o	54	51	50	-	-	-	-	4.2
Grain	ombcq	bcco	odoc	ow	55	52	49	0·1	Trace	<0800	-	4.2
Lympne	omb	co	ort	or	53	54	48	0·1	0.5	<0800	<2100	2·3
Scilly (St. Mary's)	cq	coq	omrq	ocq	57	52	•	-	3	-	<2100	2·4
Falmouth (Pendennis)	bcc	opcoq	orq	orqbc	55	46	•	Trace	2	1330	2200	5·8
Plymouth (Cattewater)	c	or	ort	oct	56	52	44	0·1	9	1730	<2100	6·3
Portland Bill	c	c	c	r-d	61	54	•	-	3	-	03.30	
Southampton (Calshot)	c	oo	o	coRRrm	54	53	51	Trace	4	1430	0530	44
Dungeness	rfm	c	rpr	c	54	55	•	1	2	<0800	<2100	
Guernsey	cbcc	c	cbcbbc	bcor	62	50	•	-	3	-	03.30	•



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility
2	20th 10h	Scotia	SW	6	bcq	55	55	8
1	20th 10h	—	W	4	bt	54	58	4
3	21st 2h	Arundel	SSW	4	b+	51	54	4

GENERAL INFERENCE.

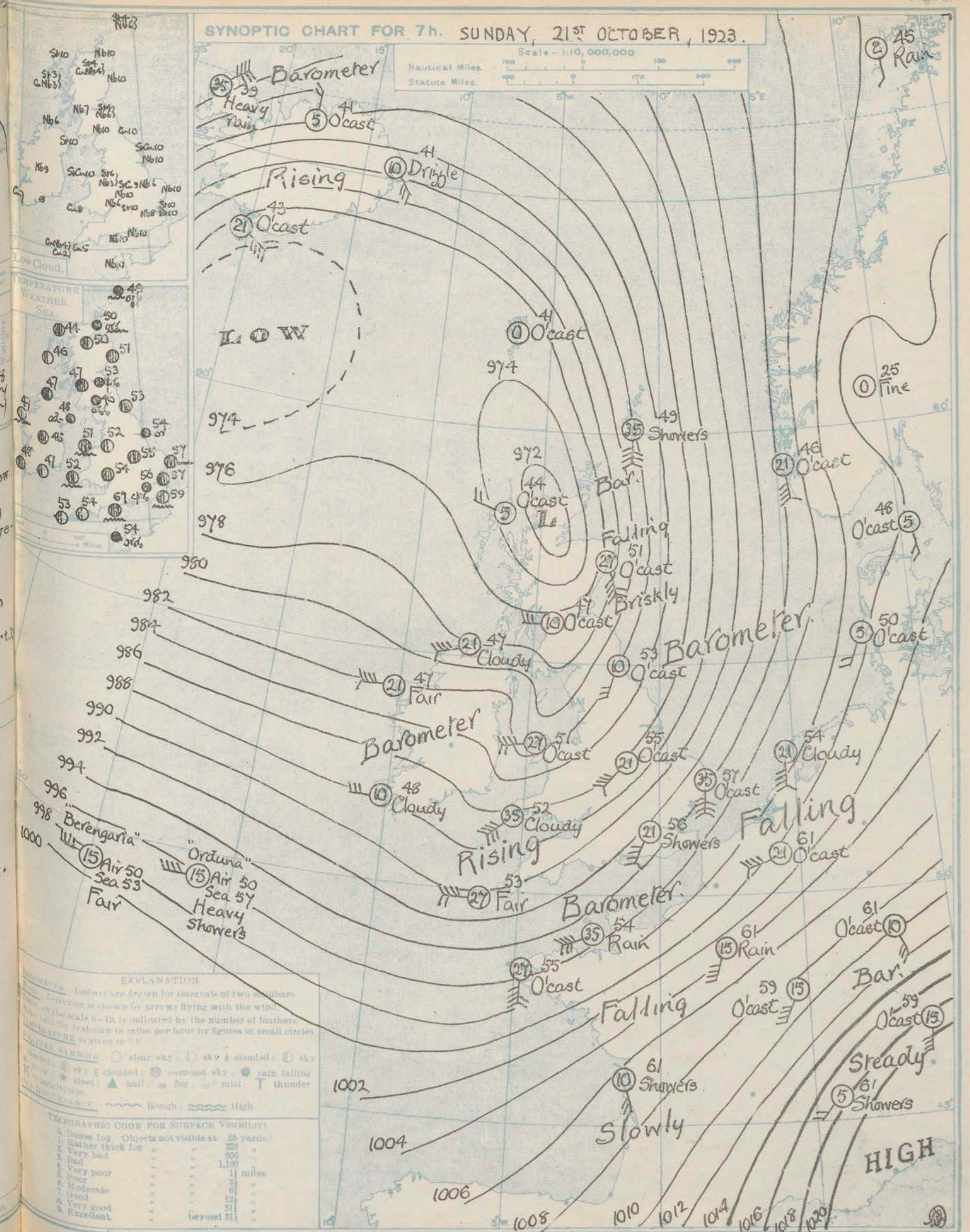
The secondary depression now crossing the north of Scotland will pass away northeastward and disperse, and a temporary improvement in the weather will occur to-day over the British Isles. The main centre southward of Iceland will however continue to dominate the general situation, and further secondaries may shortly be expected over our area.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 21st. October, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽ 3. E. Midlands 4. W. Midlands 5. S.W. England ▽	Wind veering west, fresh or strong then moderating; occasional showers but considerable fair periods; visibility good; moderate temperature.	Unsettled with winds between S. and W. ▽ South Cone still flying.
6. South Wales ▽ 7. North Wales ▽ 8. N.W. England ▽ 9. N. Midlands	Fresh or strong westerly winds, moderating; cloudy or variable sky; some showers; visibility good; moderate temperature.	
10. N.E. England ▽ 11. E. Scotland ▽	As 1 - 5.	
12. S.W. Scotland ▽ 13. Isle of Man ▽	As 6 - 9.	
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 west, moderate or fresh, probably backing and increasing again later; cloudy, some showers; perhaps rain later; visibility good; moderate temperature.	

C.K.D.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1030 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, 21st OCTOBER....1923. No. 294.

Observations at 0100 G.M.T. 21st

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	987·7	-3	S	7	c	51	92	6	2500	St	2	Ci St	7	6
Stornoway	51	978·5	-3	S	8	rr	•	•	3	•	•	•	•	•	1
Wick	81	982·8	-3	S	8	c	51	85	8	5700	St Cu	6	Ci St	8	7
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Malin Head	71	977·3	-1	WSW	2	o6/6	48	92	7	4000	Nb	4	Ast	10	4
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	985·8	+	SSW	4	0	50	85	8	*	Stcu	4	A St	9	3
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	992·4	-7	SSE	2	0	48	85	6	800	St	10	-	10	•
Blacksod Point ...	10	981·0	0	NW	5	0	48	85	4	•	•	•	•	10	6
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	982·3	-12	SE'S	4	o/r+	53	94	4	800	Nb	10	-	10	6
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	994·0	-4	SSE	5	o+	50	85	6	4000	Stcu	8	AStr	10	2
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	993·3	-8	SSE	4	0	48	94	6	2500	Stcu	9	ACu	10	6
Gorleston	13	1000·8	-3	SSE	4	bc-	52	85	4	-	-	0	ACu	4	
Valencia (Cahirciveen)	30	984·0	+4	W	3	oR-	49	94	8	-	St	10	-	10	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Pembroke (St. Ann's H.)	149	985·4	-5	S	8	o/r	55	92	4	1500	Nb	10	-	10	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	296	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ..	230	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	55	•	•	•	•	•	•	•	•
Croydon	244	993·4	-5	SWS	4	0	56	85	8	1500	Nb	4	AStr	10	3
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	6
Lympne	350	1000·9	-4	SW	4	0	55	94	4	1500	St	9	-	9	•
Scilly (St. Mary's) ...	131	989·4	-4	S'W	4	orr	55	94	6	2500	Nb	10	-	10	5
Falmouth (Pendennis)	200	988·8	-8	SW	8	o/r	56	92	4	4000	Nb	10	-	10	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	6
Portland Bill	19	993·3	-6	SSW	6	o+	58	85	8	800	St	10	-	10	4
Southampton (Calshot)	12	994·6	-6	SW'S	5	bc-	54	85	8	1500	Nb	4	Ci	6	6
Dungeness	21	1000·4	-4	SSW	5	c/r	58	94	8	-	CuNb	4	-	4	5
Guernsey	--	993·5	-6	SW	6	c	54	92	8	-	-	0	ACu	8	

Observations at 0700 G.M.T. 21st

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	982·6	-4	S	7	ojp	49	92	6	2500	Nb	10	-	10	6
Stornoway	973·7	-2	WNW	2	o/r	44	92	7	800	St	10	-	10	1
Wick	974·1	-9	SSE	8	orr	50	97	6	1500	Nb	10	-	10	7
Castlebay	975·8	-1	NNW	4	bc	46	85	8	1500	St	6	-	6	4
Nairn	971·6	*	-	0	c	50	85	8	1500	St	8	-	8	•
Aberdeen	976·0	-9	SSE	6	o/r	51	97	6	800	Nb	10	-	10	4
Malin Head	977·9	+4	W'S	5	c/r	47	85	8	5700	Nb	6	Ci Cu	7	4
Renfrew	977·0	+2	W	3	o/r	47	85	9	1500	Nb	7	ASt	10	•
Edinburgh (Inchkeith)	976·3	-6	SSW	4	opr	53	85	8	*	Nb	10	-	10	3
Leuchars	975·1	-6	S	4	or	52	85	7	1500	Nb	10	-	10	•
Eskdalemuir	977·1	-3	S	5	o6/6	48	92	6	800	Nb	10	-	10	•
Tynemouth	981·6	-6	S'W	3	o	53	92	7	1500	Cu	10	-	10	•
Blacksod Point	981·9	+1	W	5	bc+	44	85	9	-	-	-	-	4	6
Donaghadee	981·8	-3	WSW	3	ac	48	92	8	800	St	10	-	10	5
Birr Castle	986·0		S	1	o-	45	97	6	2500	Nb	9	-	9	•
Holyhead	981·3	0	W'S	6	o	51	85	8	5700	Stcu	10	-	10	6
Liverpool (Bidston)	982·6	-1	SSW	4	bc/r	52	85	6	2500	Stcu	4	ACu	6	5
Chester (Shotwick)	982·4	-3	SSW	5	orp	53	85	7	1500	St	9	-	9	•
Spurn Head	985·5	-4	SSE	4	or+	54	92	6	2500	Nb	10	-	10	2
Birmingham (Edgbaston)	986·0	-3	S	6	orp	52	85	8	450	Nb	10	-	10	•
Nottingham	985·8	-4	SW	5	o	55	95	8	1500	Stcu	9	-	9	•
Cranwell	986·5	-5	S'W	5	o/r	54	97	8	2500	Nb	6	AST	10	•
Gorleston	993·0	-5	S	4	o+	54	85	4	4000	Nb	10	-	10	6
Valencia (Cahirciveen)	984·4	+5	W	3	c/r	48	95	8	2500	Cu	4	AST	8	4
Roches Point	984·3	+6	NW	1	bc	49	92	8	-	-	0	CuCu	4	2
Pembroke (St. Ann's H.)	986·5	+4	SW	4	c-	52	85	8	4000	Cu	8	-	8	7
Ross-on-Wye	986·8	-2	SSW	6	o/r	54	85	8	2500	Nb	6	CuCu	9	•
Leafield	989·9	-2	WSW	5	o/r	52	92	8	4000	St	10	-	10	•
Andover	990·0	-4	S'W	5	o/r	52	94	8	800	St	5	AST	10	•
S. Farnborough	992·0	-1	SW	6	orp	54	94	6	800	Nb	8	AST	10	•
London (Kew Obsy.)	992·1	-4	SSW	5	obp	56	95	4	1500	Nb	8	AST	10	•
Croydon	992·6	-4	SW	4	oRR	56	94	6	800	Nb	10	-	10	•
Clacton-on-Sea	993·3	-8	S	6	o	54	85	4	1500	St	10	-	10	5
Shoeburyness	992·8	-7	S	6	o	54	85	6	1500	StCu	10	-	10	•
Grain	993·0	-7	S'W	4	o-	58	85	8	1500	St	10	-	10	6
Lympne	993·4	-6	SSW	4	o	51	85	4	800	St	9	-	9	•
Scilly (St. Mary's)	987·7	+1	W	6	bc-	53	85	4	4000	CuNb	6	-	6	5
Falmouth (Pendennis)	990·6	+6	WSW	6	bc/r	54	85	8	5700	Cu	5	-	5	0
Plymouth (Cattewater)	990·2	0	S	4	cp	55	85	7	1500	Nb	8	—	8	1
Portland Bill	990·3	0	SW	4	o/r	54	95	4	2500	Nb	10	-	10	6
Southampton (Calshot)	992·5	-1	SW	6	orr	55	85	6	800	Nb	10	-	10	4
Dungeness	993·8	-5	SSW	6	c	53	85	8	-	-	0	AST	4	6
Guernsey	993·8	-2	WSW	4	orp	54	94	8	1500	Nb	10	-	10	5

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 19th-20th °F.	Temperature. Max. Day. 20th °F.	Rainfall.† Night 17h.-9h. 19th-20th mm.	Rainfall.† Day 9h.-17h. 20th mm.	Sunshine.	Sunshine. Sunrise to Sunset. 20th hr.
Montrose	cbc	bcco	44	55	-	-		5·0
Berwick-on-Tweed	bcbcc	bcbcc	41	56	-	-		4·7
Llandudno	cdcbc	cb	44	57	-	-		3·3
Colwyn Bay	bc	bc	45	56	-	-		2·0
Rhyl	bcc	cbc	42	57	-	-		3·0
Southport	bcbc	cbc	43	57	-	-		4·0
Blackpool	cb	oc	43	57	-	-		2·3
Ilkley	mbc	mb	37	57	-	-		4·1
Harrogate	bc	bcc	40	56	-	-		4·0
Skegness	mb	bc	40	51	Trace	-		6·0
Aberystwyth	occ	b	45	56	-	-		3·2
Bath	bbcb	bcco	43	57	1	-		5·1
Leamington Spa	bc	bc	38	57	0·3	-		5·6
Lowestoft	ocbc	coc	47	57	10	-		3·2
Felixstowe	odem	bbc	47	57	18	-		3·4
Southend	oc	co	47	58	19	-		4·5
Ilfracombe	bc	bcco	47	57	-	-		4·9
Bude	pcbc	bcc	43	56	0·1	-		5·5
Paignton								
Torquay	bco	pc	45	57	2	-		5·9
Weymouth	bc	c	46	59	14	0·2		4·0
Bournemouth	bbc	cc	45	56	11	-		4·6
Portsmouth (S'thsea)	b	oc	47	59	15	-		4·0
Littlehampton	bc	bc	47	56	6	-		5·8
Worthing	bc	o	48	56	5	-		4·1
Brighton	bc	co	48	56	3	-		4·0
Eastbourne	oc	o	50	57	2	-		1·7
Hastings	ocbc	cco	51	56	4	-		1·8
Folkestone	o	c	51	60	4	-		5·3
Dover	mocbc	bcco	51	57	5	-		2·3
Tunbridge Wells	b	co	47	58	12	-		4·3
Ramsgate	dobc	bc	50	54	2	-		3·2
Margate	obc	bcc	50	58	3	-		3·2
Deal	ofof	obcc	50	57	3	-		2·4

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22614 Monday, 22nd October 1923.

Observations at 1300 G.M.T. 21st

Stations (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.*
Lerwick	973·2	-5	S	7	or	50	97	6	4000	Nb	10	-	10	•
Stornoway	973·3	-4	WSW	4	b-	49	85	7	4000	Cu	3	-	3	•
Wick	973·8	+6	WSW	2	c	46	97	8	2500	CuNb	3	ACu	8	•
Castlebay	975·3	+3	SW	5	bc	50	85	8	2500	St	5	-	5	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	977·1	+5	WSW	3	bc=	52	75	8	2500	Cu	1	ASt	6	1
Malin Head	978·3	0	SW	5	cbp	48	92	8	4000	Nb	5	CiCu	7	•
Renfrew	980·5	+2	WSW	4	bc/r	53	65	9	2500	Cu	5	-	5	1
Edinburgh (Inchkeith)	978·9	+6	WSW	5	bc-	50	75	8	-	Cu	4	Ci	6	•
Leuchars	979·0	+6	WSW	4	c	50	65	8	4000	Cu	3	Ci	7	1
Eskdalemuir	981·7	+3	SW	5	c	46	65	8	2500	StCu	7	-	7	2
Tynemouth	985·2	+5	W	3	bc-	51	75	7	4000	CuNb	3	CiSt	5	•
Blacksod Point	982·4	0	WNW	4	o	51	75	8	•	•	•	•	10	•
Donaghadee	983·2	+1	WSW	4	b-	53	75	8	300	Cu	3	-	3	•
Birr Castle	985·9	*	S	3	cbp	50	85	7	2500	Nb	8	-	8	•
Holyhead	985·4	+2	SWW	4	c	51	65	8	2500	Cu	8	-	8	1
Liverpool (Bidston)	986·0	+3	WS	4	c/r	52	75	8	2500	StCu	5	ACu	7	•
Chester (Shotwick)	986·5	+3	WNW	4	obp	54	65	9	2500	St	7	ACu	9	1
Spurn Head	985·6	0	SWS	5	o/r	56	75	8	4000	Cu	8	CiSt	10	
Birmingham (Edgbaston)	987·8	+2	SW	5	c	53	75	8	2500	CuNb	8	-	8	2
Nottingham	986·8	+1	WSW	4	o	55	75	7	800	Nb	10	-	10	•
Cranwell	986·9	+1	SW	5	opr	56	92	8	1500	Nb	10	-	10	1
Gorleston	991·3	-1	SWS	4	o+	58	75	6	4000	StCu	4	ASt	10	•
Valencia (Cahirciveen)	989·0	0	SWW	5	or	50	85	8	1500	StCu	10	-	10	2
Roches Point	989·1	+1	WSW	5	c+	53	85	8	2500	CuNb	8	-	8	•
Pembroke (St. Ann's H.)	989·7	+3	WSW	6	c/p	49	75	8	1500	Nb	3	ASt	8	•
Ross-on-Wye	988·2	0	SW	2	o/b	54	75	7	2500	Nb	10	-	10	2
Leafield														
Andover	990·7	-1	SWW	4	oPR	51	97	6	800	St	10	-	10	2
S. Farnborough	990·8	-2	SW	5	ojp	56	85	7	1500	Nb	10	-	10	2
London (Kew Obsy.)	990·9	-3	SSW	3	opr	57	85	6	1500	Nb	3	ASt	10	2
Croydon	991·7	-2	SW	4	dr	55	85	7	800	Nb	9	ASt	10	2
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	991·7	0	SW	3	b/r	57	75	6	1500	St	10	-	10	•
Grain	992·0	-1	SSW	6	o/r	57	75	8	1500	Nb	10	-	10	2
Lympne	993·1	-3	WSW	6	oro	55	92	7	800	Nb	9	ASt	10	1
Scilly (St. Mary's)	992·8	+3	W	6	c	51	85	8	4000	CuNb	7	-	7	•
Falmouth (Pendennis)	992·3	+2	W	5	opr	50	85	8	4000	Nb	10	-	10	•
Plymouth (Cattewater)	991·3	0	W	5	oPR	51	75	7	2500	CuNb	9	-	9	2
Portland Bill	991·7	-2	WSW	6	c/r	53	85	7	4000	CuNb	8	-	8	•
Southampton (Calshot)	991·5	-3	WSW	5	orr	55	85	7	800	Nb	10	-	10	1
Dungeness	992·8	-1	SW	6	or	57	85	7	4000	Nb	4	ASt	10	•
Guernsey	993·4	-2	WS	7	opr	53	92	8	4000	CuNb	4	ACu	9	•

Observations at 1800 G.M.T. 21st

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	974·4	+6	WSW	4	bc/r	46	92	7	4000	CuNb	4	-	4	3
Stornoway	972·5	+1	SW	3	bc-	49	92	7	4000	CuNb	4	-	4	2
Wick	975·0	0	SW	3	bc=	45	92	8	5100	StCu	2	CiSt	4	1
Castlebay	975·6	0	WNW	4	b+	49	85	8	1500	CuNb	3	-	3	4
Nairn	975·5	*	W	2	bc-	43	85	8	4000	Cu	4	-	4	•
Aberdeen	978·1	+1	SW	3	bc+	48	75	8	4000	StCu	4	-	4	1
Malin Head	978·9	+2	SWW	5	cbr	48	92	8	4000	Nb	6	CiCu	8	4
Renfrew	980·7	0	WSW	3	c-	46	85	7	1500	StCu	8	-	8	•
Edinburgh (Inchkeith)	980·4	+1	SW	4	c	47	85	8	-	CuNb	2	CiCu	7	3
Leuchars	979·8	+1	SW	4	oro	47	75	7	1500	Nb	9	-	9	•
Eskdalemuir	982·4	0	SW	4	o/r	45	92	7	1500	St	10	-	10	•
Tynemouth	984·9	+1	WSW	2	bc	49	75	7	4000	Cu	2	CiCu	4	1
Blacksod Point	983·1	+1	NW	5	opr	48	85	7	•	•	•	•	10	5
Donaghadee	983·4	0	WSW	4	o+	48	92	8	800	St	10	-	10	4
Birr Castle	985·8	*	W	1	c/r	47	92	6	2500	Nb	8	-	8	•
Holyhead	986·4	0	SW	5	o/r	50	75	8	2500	StCu	10	-	10	5
Liverpool (Bidston)	986·6	+1	SW	2	b-	47	75	7	-	-	0	ASt	3	4
Chester (Shotwick)	987·4	+1	W	3	b-	48	75	8	4000	StCu	2	CiCu	3	•
Spurn Head	~~984·0~~ 987·0	1	S	2	o	50	85	7	2500	Cu	10	-	10	1
Birmingham (Edgbaston)	989·4	+3	WSW	4	bc-	47	75	7	4000	St	3	ACu	4	•
Nottingham	988·2	+1	WSW	2	bc-	50	85	6	1500	StCu	5	CiSt	6	•
Cranwell	988·0	+1	WS	3	oo	50	92	8	1500	Nb	10	-	10	•
Gorleston	990·2	1	SSW	3	o/r	50	97	7	4000	Nb	10	-	10	1
Valencia (Cahirciveen)	989·4	0	WS	4	ojp	49	85	6	800	StCu	10	-	10	3
Roches Point	989·8	+1	WSW	3	c	49	92	8	4000	StCu	1	CiSt	7	4
Pembroke (St. Ann's H.)	990·9	+1	WSW	7	c/p	52	75	8	1500	Nb	10	-	10	6
Ross-on-Wye	991·1	+4	SWW	3	b-v	47	75	9	4000	CuNb	1	Ci	2	•
Leafield	992·9	+4	WSW	4	bc/r	45	97	5	4000	Cu	5	-	5	•
Andover	993·1	+5	WSW	4	cPR	47	92	8	2500	StCu	8	-	8	•
S. Farnborough	992·8	+5	WSW	4	c-	48	92	8	2500	StCu	3	ACu	8	•
London (Kew Obsy.)	991·7	+3	SW	2	o/r	50	85	6	1500	Nb	7	ACu	9	•
Croydon	991·5	+1	WSW	4	bc/r	49	85	6	1500	StCu	6	-	6	•
Clacton-on-Sea	990·2	-2	SSW	4	c-	53	92	7	800	CuNb	7	-	7	2
Shoeburyness	991·0	-1	SW	4	b/r	52	75	6	1500	StCu	3	-	3	•
Grain	991·4	0	SW	6	b-	51	75	8	2500	CuNb	2	-	2	0
Lympne	992·4	+2	WS	6	cro	50	85	7	800	Nb	7	Ci	8	•
Scilly (St. Mary's)	994·4	+2	W	6	oPR	50	85	7	4000	CuNb	10	-	10	6
Falmouth (Pendennis)	995·3	+2	W	4	bcbp	50	75	8	5700	CuNb	4	-	4	0
Plymouth (Cattewater)	994·9	+4	SW	6	bcPR	51	75	7	~~7500~~ 2500	~~CuNb~~ CuNb	~~4~~ 3	-	~~4~~ 3	3
Portland Bill	994·0	+4	W	6	b	52	65	7	-	-	0	-	0	6
Southampton (Calshot)	994·1	+6	W	5	b/r	50	75	8	2500	Cu	1	-	1	3
Dungeness	992·6	+2	SW	7	bc/r	55	75	8	7200	CuNb	6	-	6	7
Guernsey	993·1	+5	W	5	b+	55	85	8	4000	Cu	3	-	3	4

LONDON OBSERVATIONS.

24 HOURS ENDED 0900 G.M.T. 22nd

London Observations.	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday.	Humidity 9h. G.M.T. % To-day.
Kew } 24 hours ended 0700	18	oro bm	ombpr	ombb	•	•	41	4	-	0.5	•	•
Croydon } 24 hours ended 0700	244	orr q	orr	bcbob	•	•	40	4	-	0.4	•	•
Greenwich (Royal Obsy.)	149	o	or	obcb	59	46	39	2	1	0.4	87	70
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0		•
Westminster (St. James' Pk.)	27	•	•	•	58	47	44	3		0.2	73	69
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	0.3	•	•
Camden Square	110	orc	orcor	•	57	46	41	5	1	•	•	75
Kensington Palace	80	or	or	•	57	46	39	7	0.3	•	{At 18h 86}	74
Hampstead Observatory	350	•	•	•	55	44	32	6	-	0.1	•	74

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 21st

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

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st 17 h. 45 m. to 22nd 05 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.0	10.45	90
δ Ursae Minoris	12.0	10.22	86

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-		-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

22nd & 23rd October, 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.32 6.34	11.38 11.37	4.43 4.40
Greenwich	6.38 6.39	11.45 11.44	4.52 4.49
Wick	7.6 7.8	11.57 11.56	4.48 4.45
Valencia	7.19 7.21	12.26 12.25	5.32 5.30

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.
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.

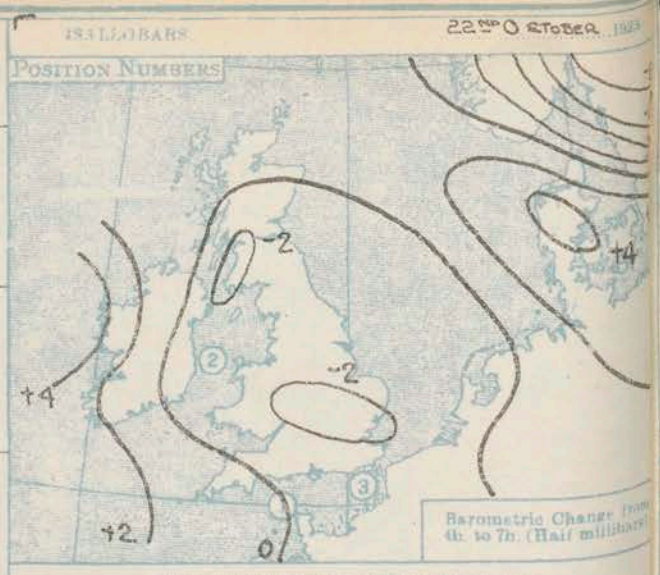
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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.

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 21st	13h.-18h. 21st	18h. 21st to 1h. 22nd	1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN 21st Hours.
Lerwick	omr	omr	bcp	b	49	42	.	12	Trace	<0800	2400	0.0
Stornoway	bc	bcpr	c	bc	49	41	.	0.5	1	-	-	3.9
Wick	orr	brbc	bbc	bbc	51	41	.	7	-	<0800	-	.
Castlebay	cobbc	bcobc	bcbc	bqpbc	50	45	.	0.5	1	-	-	5.6
Nairn	birbc	bcb	bbcx	bc	53	35	.	3	-	<0800	-	4.2
Aberdeen	rcbc	bcb	bcc	c	53	41	32	Trace	-	<0800	-	4.8
Malin Head	cobr	cobr	coir	coPR	54	44	.	1	6	09.00	<2100	5.4
Renfrew	obqv	cbqr	coir	obc	53	45	41	2	1	12.30	<2100	3.7
Edinburgh (Inchkeith)	r	c	b	b	53	44	41	3	1	08.00	<2100	4.9
Leuchars	oroc	co	cb	ocbbW	52	41	30	1	0.1	<0800	<2100	4.7
Eskdalemuir	ormoc	coro	obr	abr	50	40	39	2	2	<0800	-	2.6
Tynemouth	cq	bbc	o	cW	56	43	43	-	-	-	-	.
Blacksod Point ...	p	p	p	p	54	43	.	1	5	-	-	.
Donaghadee	bcq	cqp	c	o	54	43	.	0.3	-	14.30	-	.
Birr Castle	coir	cbir	coqbr	co	50	43	38	1	4	12.30	<2100	3.5
Holyhead	oiro	Cro	irocs	ro	52	48	45	0.6	0.2	<0800	<2100	3.7
Liverpool (Bidston) ...	p	bc	p	p	53	44	38	0.4	1	<0800	<2100	3.5
Chester (Shotwick) ...	cobrcbq	ocbc	bcbr	bcbpc	55	43	33	1	0.1	<0800	2200	2.7
Spurn Head	orco	c	c	c	57	44	.	1	-	<0800	-	1.0
Birmingham (Edgbaston)	crp	oc	bcco	ocrb	56	42	39	0.5	0.5	14.30	0630	0.4
Nottingham	c	o	cb	cr	57	44	40	-	0.3	-	0630	0.8
Cranwell	oco	cobcib	cobcb	c	58	43	39	0.1	-	14.30	-	1.3
Gorleston	orcqo	oqrco	bbc	b	60	44	41	4	0.6	0900	<2300	0.8
Valencia (Cahirciveen)	cobor	obcob	obcc	oobc	52	47	43	2	4	<0800	<2100	1.7
Roches Point	bcc	cpc	bcb	bcc	54	47	.	0.5	1	1330	0530	.
Pembroke (St. Ann's H.)	oqrr	cqp	cob	cqp	56	48	.	2	3	<0800	<2100	2.7
Ross-on-Wye	cobybr	porcvbc	bccobo	bcop	57	45	40	3	2	0900	2200	1.2
Leafield		rcd	p		54	42	38	3	1	16.30	0130	0.2
Andover	ooPR	cPR	cprbc	bc	56	41	33	8	0.1	11.00	<2100	0.7
S. Farnborough ...	ormopr	obro	cbcb	bbcv	56	44	40	4	-	<0800	-	0.7
London (Kew Obsy.) ...	oropbm	ombcpc	omb	bb	57	46	41	4	-	11.00	-	0.5
Croydon	orrcq	ombrb	bcbo	obbc	57	45	40	4	-	<0800	-	0.4
Clacton-on-Sea ...	ocrcq	ocbc	cbc	pc	57	48	44	3	-	0900	-	0.1
Shoeburyness ...	prc	rc	bcb	b	59	46	42	3	0.2	0900	-	0.1
Grain	oiro	oirob	bb	bbw	59	47	40	2	0.1	0900	-	0.3
Lympne	orrc	orbc	cbcr	orPR	58	44	40	4	2	0800	<2100	0.0
Scilly (St. Mary's) ...	cvq	cbcq	ocbq	cbq	54	47	.	2	2	<0800	<2100	3.5
Falmouth (Pendennis)	pcp	bcpq	bcbq	bcbp	55	48	.	2	2	<0800	0130	3.4
Plymouth (Cattewater)	corp	orrcbp	bbp	obcp	55	49	38	1	0.6	<0800	2100	1.2
Portland Bill	p	c	p	bcq	58	52	.	3	2	<0800	2200	.
Southampton (Calshot)	or	p	p	p	57	48	44	2	5	<0800	2400	1.6
Dungeness	rhq	rq	qpr	rq	60	48	.	5	5	0900	2100	.
Guernsey	RRq	bcbcp	irRq	irrc	59	47	.	8	7	<0800	2100	



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	21st 1010	SCOTIA	W'N	5	bcz	50	54
3	22nd 0200	DIEPPE	W'S	7	r	54	57

GENERAL INFERENCE.

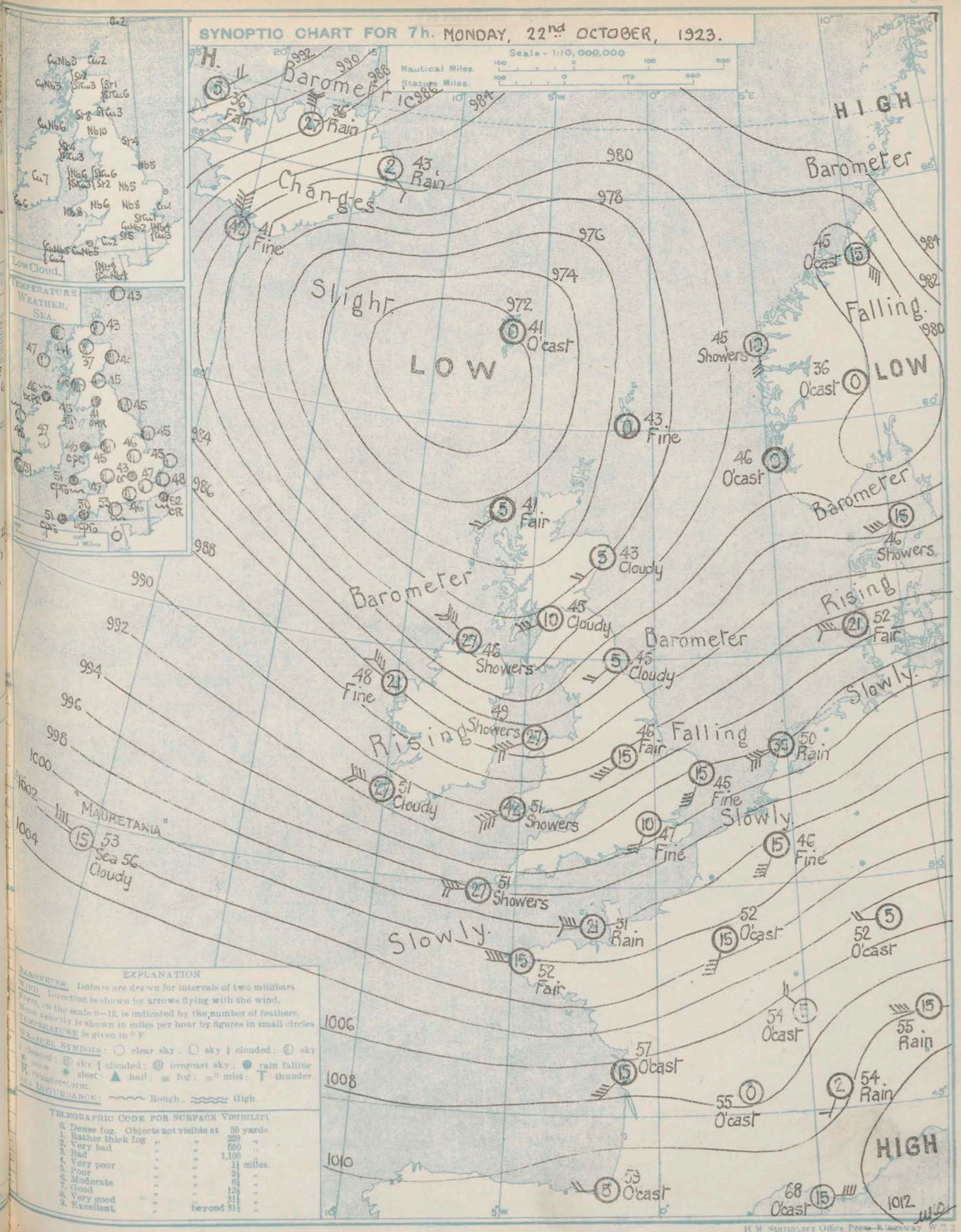
The depression between Scotland and Iceland is growing less deep and will probably move slowly East. Winds will be westerly, fresh to strong, during the day and showers are probable, with bright intervals. The temperature will be rather lower than of late and slight ground frost may be expected inland at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 22nd October, 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 11. E. Scotland	Westerly wind, fresh to strong during the day; occasional showers, considerable bright intervals; visibility mainly good but slight mist early tomorrow; rather colder than of late, slight ground frost at night.	None issued. ------
12. S.W. Scotland 13. Isle of Man	Wind W. to N.W., fresh to strong; occasional showers, bright intervals; visibility good; rather colder than of late.	
14. N. & N.W. Scotland	Moderate SW. wind veering and freshening; variable sky, some showers; rather cold.	
15. Hebrides	As 12 - 13.	
16. Orkneys and Shetlands	As 14.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 12 - 13.	

EVN

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Monday, 22nd October 1923. No. 295.

Observations at 0100 G.M.T. 22nd

STATIONS.	Height above M.S.L., in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	975.2	0	SW	2	b/r	47	92	7	4000	Cu	1	-	1
Stornoway	51	975.2	0	WSW	4	bc-	*	*	6	*	*	*	*	*
Wick	81	976.1	+1	SW	2	b	42	97	8	4000	Cu	1	Ci	3
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	979.0	0	SW	5	c/r	46	97	7	4000	Nb	5	Ci.Cu	8
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	180	980.6	0	WSW	3	o/r	47	92	8	-	Cu	3	-	3
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	965.4	0	SSW	1	0	49	85	7	-	-	0	A.St	10
Blacksod Point ...	10	974.4	+1	W'N	5	oPR	52	92	7	*	*	*	*	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	976.6	-1	SW'N	5	c	49	85	8	2500	St.Cu	8	-	8
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	983.5	+1	SW	5	bc	46	92	7	-	-	0	A.Cu	5
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	227	983.3	0	SW'S	5	b	45	97	7	-	-	0	A.Cu	1
Gorleston	13	983.5	+2	SSW	4	b-	45	92	7	-	-	0	Ci	3
Valencia (Cahirciveen)	30	983.2	+1	SSW	7	cR	50	97	6	-	St	8	-	8
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	981.2	0	WSW	7	bc	50	75	7	2500	Cu	6	-	6
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	49	*	*	*	*	*	*	*
Croydon	244	983.2	-1	SW'S	4	o+	47	85	7	2500	Nb	4	A.St	10
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	983.1	0	W'S	4	or	46	92	7	800	Nb	10	-	10
Scilly (St. Mary's) ...	131	983.6	+1	W	6	c	51	85	8	4000	CuNb	7	-	7
Falmouth (Pendennis)	200	983.7	0	WSW	4	bcpq	50	75	8	5700	CuNb	4	-	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	983.0	0	WSW	7	cPR	52	85	7	4000	CuNb	8	-	8
Southampton (Calshot)	12	985.5	-1	WSW	4	c/r	50	85	8	1500	CuNb	5	Ci	7
Dungeness	21	985.8	0	WSW	6	c r	53	85	8	2500	Nb	7	-	7
Guernsey	[illegible]	988.6	-1	W	6	or	49	97	7	1500	Nb	10	-	10

Observations at 0700 G.M.T. 22nd

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	§ 0-9
Lerwick	976.8	0	-	0	b	43	97	7	4000	Cu	2	-	2	0
Stornoway	974.1	0	SW	2	bc-	41	97	7	4000	CuNb	8	A.St	4	1
Wick	975.5	-1	SW	2	bc+	43	92	9	4000	Cu	2	A.St	4	0
Castlebay	976.2	+1	W	4	b	47	85	8	1500	CuNb	3	-	3	4
Nairn	975.3	0	W	1	bc+	37	85	8	1500	St.Cu	5	-	5	*
Aberdeen	978.1	0	SW	2	c	43	92	7	1500	St.Cu	7	-	7	0
Malin Head	979.5	+1	NW	6	bcPR	46	85	8	4000	CuNb	6	-	6	6
Renfrew	978.7	-2	WSW	3	c/r	45	85	6	2500	St	8	-	8	*
Edinburgh (Inchkeith)	980.0	-1	WSW	4	b-	45	92	8	-	St.Cu	3	-	3	2
Leuchars	978.4	-1	SW	2	b	41	92	7	5700	St.Cu	2	-	2	*
Eskdalemuir	981.5	-1	SW	5	cRR	41	85	7	1500	Nb	10	-	10	*
Tynemouth	982.7	-1	SW	2	c	45	85	6	800	St	4	A.Cu	7	*
Blacksod Point ...	986.4	+4	NW	5	b+	43	75	8	*	*	*	*	3	6
Donaghadee	982.0	-2	SW	3	c+	45	92	8	800	St	7	-	7	3
Birr Castle	986.4	*	SW	2	c-	45	92	6	2500	Cu	7	-	7	*
Holyhead	985.0	-1	SW'W	6	obr	49	85	8	1500	Nb	9	-	9	5
Liverpool (Bidston) ...	985.2	-1	SW	3	c/r	45	85	8	2500	St.Cu	8	-	8	4
Chester (Shotwick) ...	986.4	-1	S	3	c	45	85	7	1500	St	6	Ci	8	*
Spurn Head	986.3	-2	SSW	6	c+	45	92	7	4000	Nb	5	A.Cu	8	3
Birmingham (Edgbaston)	989.4	-1	SSW	4	bc/r	43	92	7	1500	Nb	5	-	5	*
Nottingham	988.0	0	SW	4	b/r	46	85	7	800	Nb	5	Ci	6	*
Cranwell	988.6	-2	SW	5	c/b	45	97	8	1500	Nb	8	-	8	*
Gorleston	989.7	-1	SSW	4	b-	45	85	7	-	-	0	Ci.Cu	2	1
Valencia (Cahirciveen)	990.9	+2	WNW	6	c-	51	75	7	1500	Cu	6	A.St	7	6
Roches Point	990.8	0	W	3	cpro	48	97	8	2500	CuNb	7	-	7	8
Pembroke (St. Ann's H.)	988.6	-1	WSW	3	cpo	51	75	7	2500	Nb	8	-	8	1
Ross-on-Wye	990.3	-2	SW'W	4	b/r	47	85	8	2500	Nb	6	-	6	*
Leafield	992.6	-2	W	3	ot	43	97	8	5700	Nb	8	A.St	10	*
Andover	993.5	-1	SSW	4	bc	45	85	9	4000	St.Cu	4	-	4	*
S. Farnborough ...	993.2	-1	SW	5	bc+	46	92	9	2500	CuNb	2	A.Cu	5	*
London (Kew Obsy.) ...	993.2	0	SSW	3	b	47	85	8	4000	St.Cu	1	Ci	2	*
Croydon	994.0	-1	SW'S	3	bc+	45	85	8	4000	St.Cu	3	A.Cu	5	*
Clacton-on-Sea ...	993.0	-2	SW	4	b	48	85	7	800	Cu	1	A.St	3	2
Shoeburyness	993.6	-1	WSW	5	b	48	85	8	4000	Cu	1	-	1	*
Grain	994.0	0	SSW	4	b	47	85	8	4000	CuNb	2	Ci	3	*
Lympne	994.8	0	W	3	cPR	46	92	7	800	CuNb	7	Cu.St	8	*
Scilly (St. Mary's) ...	993.3	+1	W	6	cpr	51	97	8	4000	CuNb	7	-	7	5
Falmouth (Pendennis)	994.6	+1	WNW	4	bcpr	50	75	7	5700	CuNb	5	-	5	5
Plymouth (Cattewater)	995.1	0	W	6	cPR*	50	85	7	1500	CuNb	9	-	9	11
Portland Bill	993.9	0	W	7	b-	53	75	7	4000	Cu	2	-	2	6
Southampton (Calshot)	994.5	0	W'S	4	b-	49	85	8	2500	CuNb	2	-	2	5
Dungeness	994.7	-1	SW	6	cR	52	85	7	2500	Nb	7	-	7	6
Guernsey	991.6	0	W	5	cr	51	85	8	2500	Nb	8	-	8	4

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 20th-21st °F.	Temperature. Max. Day. 21st °F.	Rainfall.† Night 17h.-9h. 20th-21st mm.	Rainfall.† Day 9h.-17h. 21st mm.	Sunshine.	Sunshine. Sunrise to Sunset. 21st hr.
Montrose	bcc	oco	48	53	9	-		6.2
Berwick-on-Tweed	pRbc	pbcbc	46	53	2	-		5.0
Llandudno	o	cbc	50	54	5	-		2.9
Colwyn Bay ...	bc	bc	50	53	7	-		4.3
Rhyl	c	cbc	50	55	1	-		3.6
Southport	orcbc	bcopc	47	53	3	1		2.6
Blackpool	ro	cc	48	53	2	r		1.8
Ilkley	opbcp	bcbc	44	52	4	0.4		1.9
Harrogate	cpbc	bc	43	53	3	2		3.5
Skegness	dco	oco	49	59	-	-		1.8
Aberystwyth ...	roc	bc	52	54	6	-		3.0
Bath	oc	bcPR	51	58	1	4		0.8
Leamington Spa ...	or	orH	44	57	9	4		0.0
Lowestoft ...	ofob	or	50	59	1	3		0.4
Felixstowe ...	bd	cpc	52	57	1	0.2		0.2
Southend ...	ro	orcbc	50	57	2	3		0.2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 20th-21st °F.	Temperature. Max. Day. 21st °F.	Rainfall.† Night 17h.-9h. 20th-21st mm.	Rainfall.† Day 9h.-17h. 21st mm.	Sunshine.	Sunshine. Sunrise to Sunset. 21st hr.
Ilfracombe	bccp	cp	52	56	3	4		2.4
Bude	prcor	prc	52	56	2	3		3.2
Paignton								
Torquay	r	bcbc	52	55	11	3		3.4
Weymouth	opc	cpbc	54	57	5	1		1.8
Bournemouth ...	oo	bcc	49	56	3	3		2.2
Portsmouth (S'thsea)	op	opbc	53	57	3	3		2.9
Littlehampton ...	ocp	bc	52	54	9	5		0.6
Worthing	oro	bc	54	56	4	5		0.4
Brighton	oro	orco	55	57	4	3		0.0
Eastbourne	oro	olroc	55	57	4	1		
Hastings	opo	odobc	54	59	2	2		0.0
Folkestone	rro	ddo	53	59	3	1		0.0
Dover	orro	ogcq	54	60	1	2		0.1
Tunbridge Wells ...	oro	orod	51	55	3	3		0.1
Ramsgate	od	orc	50	60	1	0.2		0.6
Margate	op	cp	52	60	0.4	0.3		0.5
Deal	op	opc	51	60	1	2		0.5

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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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION: No. B. 22615 — Tuesday, 23rd October 1923.

Observations at 1300 G.M.T. 22nd

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	976.2	0	S	1	bc	52	85	7	4000	Cu	5	–	5	*
Stornoway	968.6	-6	SSW	3	or₀r₀	45	97	6	450	St	10	–	10	*
Wick	974.2	-1	SW	2	b	49	85	9	4100	Cu	2	CiSt	3	*
Castlebay	973.4	-5	W	5	or	48	97	6	800	Nb	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	976.3	-2	SW	3	b-	52	75	8	2500	Cu	2	–	2	1
Malin Head	980.4	0	W'N	7	orr	48	92	7	4000	Nb	4	ASt	10	*
Renfrew	973.9	+1	W	5	o/p	48	75	8	2500	Nb	7	ASt	10	2
Edinburgh (Inchkeith)	978.5	-2	WSW	5	c	49	85	8	-	Cu	5	CiSt	7	*
Leuchars	977.7	0	WSW	4	bc-	51	65	8	4000	StCu	4	ASt	5	0
Eskdalemuir	981.0	+2	WSW	5	c/r	45	75	8	1500	StCu	6	CiSt	8	2
Tynemouth	983.3	0	W	3	bc/r	50	75	7	800	CuNb	5	–	5	*
Blacksod Point	987.5	0	W	5	c+	51	85	8	*	*	*	*	7	*
Donaghadee	984.4	+1	SW	3	c/r	47	85	8	800	CuNb	3	CiSt	8	*
Birr Castle	989.2	*	W	2	bc-	51	75	8	4000	StCu	3	Ci	6	*
Holyhead	987.4	+2	W'S	6	bc-	52	65	8	1500	Cu	4	CiSt	6	0
Liverpool (Bidston)	984.3	+2	WSW	6	bc-	50	75	8	2500	StCu	4	–	4	*
Chester (Shotwick)	987.0	+3	WNW	6	bc	54	65	9	2500	Cu	5	CiCu	6	1
Spurn Head	985.5	-2	SW	5	c	52	75	7	4000	StCu	8	–	8	*
Birmingham (Edgbaston)	988.0	0	SW	5	c+	50	75	8	4000	CuNb	7	–	7	2
Nottingham	984.6	-1	SW	5	bcrr	50	75	7	800	Nb	5	CiSt	6	*
Cranwell	987.5	-1	SW'W	4	c	52	75	8	2500	Cu	8	–	8	1
Gorleston	991.0	-1	SSW	5	c+	55	65	6	4000	CuNb	8	–	8	*
Valencia (Cahirciveen)	994.5	0	WSW	5	c+	53	75	8	1500	StCu	7	–	7	1
Roches Point	993.2	+1	W	3	b-	54	85	8	2500	CuNb	3	–	3	*
Pembroke (St. Ann's H.)	992.3	+3	W	8	bc	52	75	8	2500	Cu	4	Ci	6	*
Ross-on-Wye	990.5	0	W	4	c-	51	65	9	4000	Cu	5	ASt	3	2
Leafield	990.4	0	W	5	cR	48	75	8	1500	Cu	4	ASt	8	3
Andover	992.6	0	WSW	6	cPR	52	75	8	1500	StCu	10	–	10	1
S. Farnborough	992.5	-2	SW'W	6	o	56	75	9	1500	Cu	9	–	9	0
London (Kew Obsy.)	994.6	-3	SW	5	o+	55	65	8	4000	StCu	9	–	9	1
Croydon	993.5	-2	SW	5	c+	55	65	8	2500	Cu	8	–	8	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	992.3	-1	SW	6	c+	55	75	8	2500	Cu	7	–	7	*
Grain	992.3	-2	SW	5	c+	55	65	8	4000	StCu	7	–	7	1
Lympne	993.7	-2	WSW	6	bc/r	53	75	8	1500	St	5	ASt	6	2
Scilly (St. Mary's)	998.3	+2	W'N	6	c	55	85	7	4000	Cu	7	–	7	*
Falmouth (Pendennis)	997.6	+2	WNW	6	bc	55	65	7	5700	CuNb	5	–	5	*
Plymouth (Cattewater)	993.7	0	W	7	cPR	55	65	7	2500	CuNb	8	–	8	1
Portland Bill	992.3	0	WSW	7	bc+	55	75	7	4000	Cu	6	–	6	*
Southampton (Calshot)	994.0	-1	WSW	6	c+	55	65	8	2500	Cu	6	ASt	7	0
Dungeness	994.1	-3	SW	6	p,R	53	97	7	4000	Cu	3	–	3	*
Guernsey	998.6	0	W	6	c-	54	85	8	4000	Cu	7	ACu	8	*

Observations at 1800 G.M.T. 22nd

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea.
Lerwick	975.4	-2	SSE	1	bc	47	92	7	5700	StCu	4	CiCu	5	0
Stornoway	969.7	+4	N	4	bcpr₀	44	92	7	800	Nb	10	–	10	3
Wick	970.4	-4	S	4	orr	45	92	7	2500	Nb	10	-	10	3
Castlebay	971.8	+3	WNW	5	o/r	43	85	8	1500	St	9	-	9	6
Nairn	969.8	*	WSW	3	c/r	43	92	9	1500	St	8	-	8	*
Aberdeen	973.7	-4	SW	4	o/r	46	85	6	800	Cu	7	A St	10	0
Malin Head	979.9	0	W'N	7	or	49	92	7	4000	Nb	6	A Cu	10	7
Renfrew	977.9	-3	WSW	6	or₀r₀	48	85	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	976.1	-1	SW	6	or₀r₀	47	92	8	*	Nb	4	A St	10	4
Leuchars	975.0	-4	SW	6	o	47	85	8	800	StCu	10	-	10	*
Eskdalemuir	980.4	-1	SW	6	orr	43	85	6	1500	Nb	10	-	10	*
Tynemouth	983.2	0	W	4	bc	46	75	6	800	St	3	Ci	4	1
Blacksod Point	987.7	0	W	5	o+	48	85	7	*	*	*	*	10	6
Donaghadee	984.4	0	W	5	c+	48	75	8	800	St	6	A.Cu	8	4
Birr Castle	989.3	*	W	3	cPR-	48	85	5	2500	Nb	9	-	9	*
Holyhead	988.3	+1	WSW	6	oc+	51	85	8	1500	StCu	10	-	10	6
Liverpool (Bidston)	987.2	0	SW	5	bc/r	49	75	8	2500	StCu	5	-	5	6
Chester (Shotwick)	988.2	-1	W	5	b	51	65	8	2500	StCu	8	A Cu	9	
Spurn Head	987.4	+3	WSW	4	bc	48	85	7	4000	Cu	6	-	6	2
Birmingham (Edgbaston)	990.9	+2	SW	5	bc	47	75	8	4000	StCu	3	A St	4	*
Nottingham	989.2	+2	SW	3	b-	47	75	7	-	-	0	A Cu	1	*
Cranwell	989.5	+3	SW	4	bc	45	92	8	2500	St	2	A Cu	5	*
Gorleston	991.6	+1	SW	3	bc-	49	75	7	4000	CuNb	4	-	4	1
Valencia (Cahirciveen)	993.6	-1	WSW	5	cpr₀	49	85	7	1500	StCu	5	A Cu	7	6
Roches Point	993.2	0	W	4	bc	53	97	8	2500	StCu	5	-	5	4
Pembroke (St. Ann's H.)	993.2	+1	WSW	7	bc	52	85	8	2500	Cu	6	-	6	7
Ross-on-Wye	993.2	+2	WSW	4	b	49	75	9	4000	Cu	2	-	2	*
Leafield	993.3	+4	SW	3	c/r	45	85	-	-	-	0	CiCu	7	*
Andover	995.5	+6	SW'W	4	b-	47	85	8	2500	StCu	1	-	1	*
S. Farnborough	995.0	+4	W	4	b/r	46	97	9	-	Cu	1	-	1	*
London (Kew Obsy.)	994.9	+5	SW	3	b-	49	85	6	5700	Cu	1	-	1	*
Croydon	994.9	+3	SW'W	4	b/tlr	49	85	7	-	-	0	Ci	1	*
Clacton-on-Sea	993.2	+3	SW	4	b-	48	92	5	2500	Cu	3	-	3	2
Shoeburyness	993.9	+2	W	5	b/r	48	85	8	-	-	0	-	0	*
Grain	994.0	+2	SW	5	b	48	85	7	-	-	0	A.Cu	1	0
Lympne	995.9	+4	W	3	b/r	45	92	7	1500	St	3	-	3	*
Scilly (St. Mary's)	998.3	0	W	6	c	53	85	8	4000	CuNb	8	-	8	5
Falmouth (Pendennis)	998.9	+1	W	4	bc	51	85	7	5700	CuNb	4	-	4	0
Plymouth (Cattewater)	997.4	+1	W	6	b-	53	85	7	2500	CuNb	2	-	2	3
Portland Bill	995.2	+4	W	7	bc	55	75	7	4000	Cu	6	-	6	6
Southampton (Calshot)	996.6	+5	W	4	b-	50	75	8	2500	CuNb	1	-	1	0
Dungeness	995.2	+1	SW	5	b	53	92	8	4000	Cu	2	-	2	6
Guernsey	1000.1	+1	W	5	c-	52	85	8	4000	Cu	1	-	7	4

London Observations. (Weather and Temperature: 24 hours ended 0900 G.M.T. 23rd; Humidity 15h G.M.T. Yesterday, 9h G.M.T. To-day)

London Observations.	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew (24 hours ended 0700)	18	bbcoq	ocpbcbq	ocpbmq	*	*	41	3	1.7	6.0	*	*
Croydon (24 hours ended 0700)	244	bcbc	opbcrb	bcopr	*	*	40	3	5.5	7.6	*	*
Greenwich (Royal Obsy.)	149	bc	bcorb	bcd	58	46	38	4	0.3	6.9	92	97
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	5.3		
Westminster (St. James' Pk.)	27	*	*	*	58	42	44	3	*	6.8	78	88
Regent's Pk. (Botanic Gdns).	—	*	*	*						6.5	*	
Camden Square	110	bcb	crcb	*	57	41	42	2	1.5	*	*	94
Kensington Palace	80	co	bcb	*	57	41	39	2	0.4	*	{At 18h}	93
Hampstead Observatory	450	*	*	*	55	45	37	1	1	6.3	*	97

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 22nd

South Kensington Max.	Time.	Min.	Time.
1.0	1900 22nd	<0.3	0200 22nd
1.3	2300 22nd		

Kew Observatory Max.	Time.	Min.	Time.
4.5	1700 22nd	<0.3	0300 22nd
3.4	1500 22nd		

Pole Star Record at Greenwich Obsy.

Exposure from 22nd 17 h. 45 m. to 23rd 5 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12.0	10.25	87
δ Ursae Minoris	12.0	9.51	82

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

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 23rd & 24th Oct., 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.34 / 6.36	11.37 / 11.37	4.40 / 4.38
Greenwich	6.39 / 6.41	11.44 / 11.44	4.49 / 4.47
Wick	7.8 / 7.10	11.56 / 11.56	4.45 / 4.42
Valencia	7.21 / 7.23	12.25 / 12.25	5.30 / 5.28

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.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

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

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

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

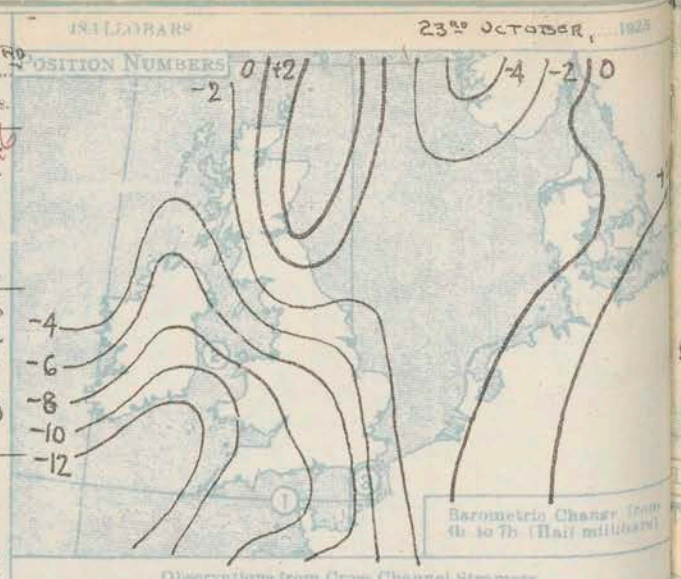
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22ND	13h.-18h. 22ND	18h.-1h. 22ND-23RD	1h.-7h. 23RD	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 23RD Hours.
Lerwick	bc	bc	bcp	bcp	52	44	•	–	0.4	–	2400	5.4
Stornoway	r	obfof	c	oo	48	31	•	4	1	–	–	2.4
Wick	b-bc	bcor	opr	oprbc	49	39	•	4	2	1630	<2100	•
Castlebay	bc RR	rro	o	op	50	47	•	2	0.3	–	–	0.0
Nairn	bcg	bccirg	cqirg	cbc	50	38	•	1	2	1530	<2100	4.5
Aberdeen	bcb	bopr	omb	bbcc	53	42	35	Trace	–	1730	–	6.2
Malin Head	co PR	oir	p.co	p.co	49	45	•	3	0.6	<0800	<2100	0.6
Renfrew	cpbc.	ororq	oirq	oido	51	46	44	2	1	<0800	<2100	2.4
Edinburgh(Inchkeith)	q	coido	pq	p	49	45	44	Trace	1	1630	<2100	3.4
Leuchars	bbccc	bccoq	coqpro	oo	53	45	37	–	0.4	–	<2100	5.4
Eskdalemuir	oPRc	copor	oro	oo	46	42	40	34	2	<0800	<2100	0.9
Tynemouth	bcp.	bcmq	cmq	cm	52	45	43	1	–	1100	–	•
Blacksod Point ...	p	do	p	p	52	44	•	1	9	–	–	•
Donaghadee	op	cqp	bcq	c	51	44	•	1	–	<0800	–	•
Birr Castle	pr.co	coPR	copre	ocrro	53	45	41	0.6	3	<0800	0430	7.3
Holyhead	ocbc	bccoir	ir.o	PR	53	49	45	Trace	2	<0800	<2100	3.7
Liverpool (Bidston)...	bocbc	p	p	p	52	47	41	0.5	1	<0800	<2100	5.5
Chester (Shotwick) ...	copricpqv	bccvq	ocbc	cor	54	47	43	0.3	Trace	<0800	0630	5.7
Spurn Head	c	coroc	bbc	c	52	45	•	3	–	1430	–	4.7
Birmingham(Edgbaston)	opc	obcb	bbc	bcor.	52	45	41	1	0.2	0900	0430	5.4
Nottingham	fr	jr	bcop.	oo	53	46	42	1	0.1	0900	2200	4.8
Cranwell	pbocp	ptcop	bpbcp	op.co	52	44	39	2	0.1	<0800	2400	6.1
Gorleston	c	c	b'bc	b'bcc	55	45	41	–	–	–	–	6.0
Valencia (Cahirciveen)	bbcpc	bcqc	opo	oro	53	48	44	1	10	1100	<2100	6.2
Roches Point	cpp	bbc	bcor	rrbc	55	48	•	0.4	9	<0800	<2100	•
Pembroke(St.Ann's H.)	c	c	cq	qqpr	53	49	•	2	2	0900	0330	4.1
Ross-on-Wye	bocPbccv	bcv	bcc	coro	55	47	43	2	1	<0800	0130	5.1
Leafield	p	p	oo		51	43	39	3	0.3	–	<2100	3.3
Andover	cPr	oPRoltbc	bbc	codqm	55	44	38	3	Trace	1230	0630	6.1
S. Farnborough ...	bccvo	RRcb	bc	ododm	59	44	39	3	Trace	1330	0330	7.3
London (Kew Obsy.)...	bbcoq	oqcqbcb3	bcbm	bmodou	55	47	41	3	Trace	1330	0630	6.0
Croydon	bcbc	opPrhb	bc	cop.r.	57	45	40	3	Trace	1330	0530	7.6
Clacton-on-Sea ...	bcc	corbcm	bcm	cbcmc	57	48	44	3	–	1330	–	7.2
Shoeburyness... ...	bbcq	bcqcpRbc	b	bcco	58	47	43	3	–	1430	–	6.6
Grain	bmbc	orrcb	bb	bbowo	58	47	40	1	Trace	1430	–	7.5
Lympne	ocpr	obcoPRh	bbcpr	ccpr	55	42	39	2	1	<0800	0230	5.3
Scilly (St. Mary's) ...	cpq	bccpq	bcq	comqr	56	50	•	2	1	<0800	0430	6.5
Falmouth (Pendennis)	bcqp	bcq	bcp	corq	57	50	•	0.2	1	1100	2200	6.8
Plymouth(Cattewater)	cbcp	bcpb	bbcp	bcpor	55	51	41	1	1	<0800	<2100	7.0
Portland Bill	bbc	c	p	c	57	52	•	–	3	–	2200	•
Southampton(Calshot)	p	c	p	courdm	57	49	46	Trace	0.5	0900	0430	7.9
Dungeness	qr	p	cq	pq	56	51	•	2	2	<0800	2400	•
Guernsey	cbccp	cbccp	cbcc	cortom	56	50	•	0.3	3	<0800	0230	*

orlte



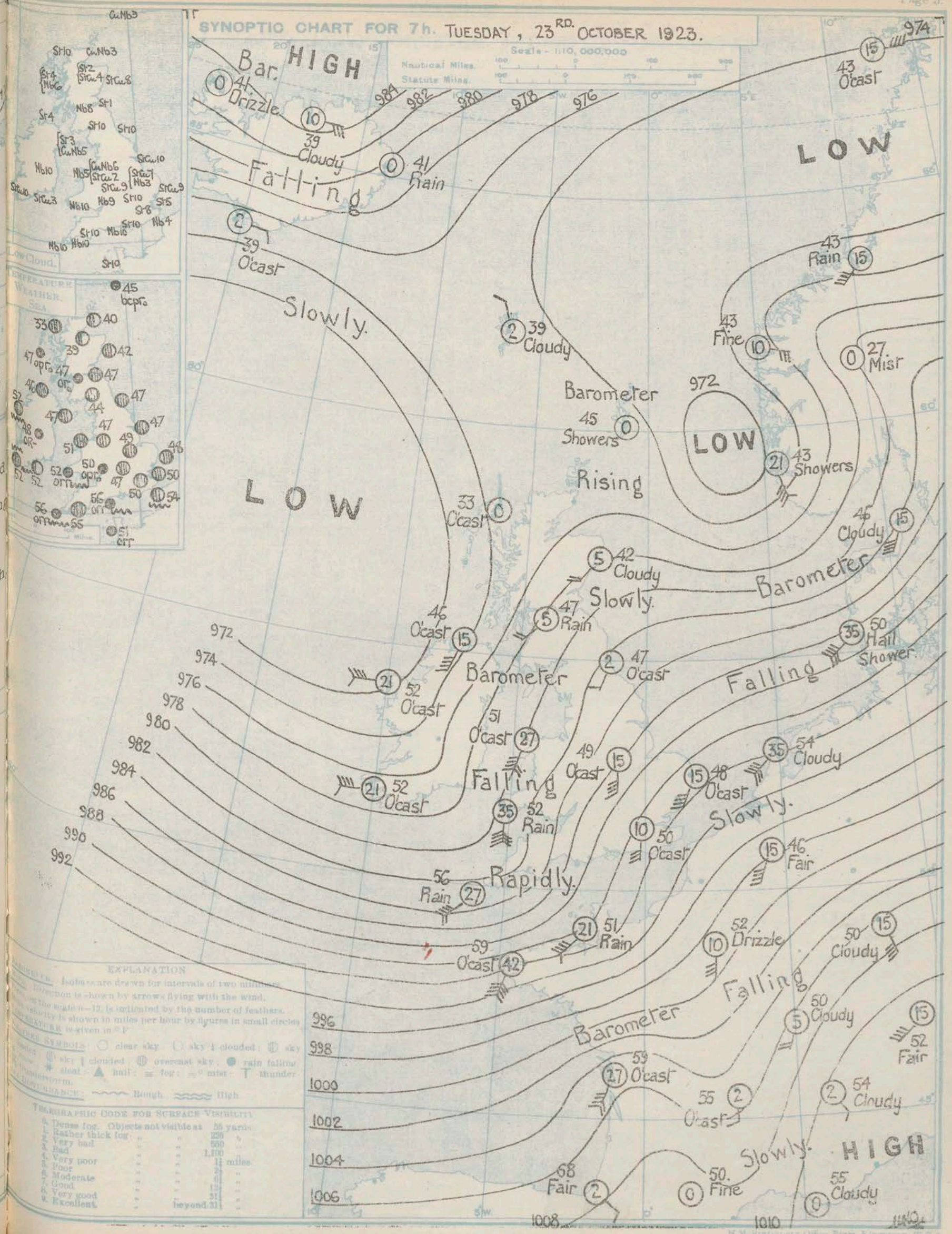
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. *	Visibility
2	22ND 1000	SCOTIA	WNW	6	b	50	?	8
3	23RD 0200	ARUNDEL	WSW	6	o+	53	57	7

GENERAL INFERENCE.

A deep depression is centred west of the Hebrides and a trough of low pressure is crossing the British Isles. Winds will be southerly in the eastern districts and westerly in the West, a gale locally in the South, and there will be much cloud and rain with some bright intervals later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 23rd October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S. or S.W., veering to W., fresh to strong, a gale locally; much cloud and rain, some bright intervals later; visibility poor at times; rather mild.	Unsettled. --- South Cone hoisted at 0300 G.M.T. today.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind S. to SW., veering towards W., fresh to strong; much cloud, some rain, fairer periods later; visibility poor at times; moderate temperature.	-----
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland	Wind S. to SW., moderate to fresh; much cloud, some rain; visibility poor at times; moderate temperature.	
15. Hebrides 16. Orkneys and Shetlands	Wind indefinite to southwesterly, light or moderate; much cloud, some rain; visibility poor at times; moderate temperature.	
17. N.W. Ireland	As 11 - 14.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong westerly winds; showers, with bright intervals; visibility mainly good; moderate temperature.	



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.....TUESDAY....23rd....OCTOBER....1923. No. 296

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.‡ 0-6	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	974.0	-1	E	1	bc/r	47	92	7	4000	Cu	5	-	5
Stornoway	51	974.4	+2	NW	1	0	•	•	5	•	•	•	•	•
Wick	81	971.4	+4	NW	3	o/pr	44	92	8	2500	CuNb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	980.1	0	SW'W	5	o/r	48	92	8	4000	Nb	2	A.St	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	977.5	+5	WSW	6	o/p	47	97	8	-	CuNb	10	-	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	983.6	0	W	5	c	43	75	4	1500	CuNb	8	-	8
Blacksod Point ...	10	982.4	-5	SW	5	o	47	85	7	*	*	*	*	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	987.7	-2	SW'W	5	0	50	73	8	4000	StCu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	987.8	0	SSW	6	c+	47	92	7	2500	StCu	6	C.St	8
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	988.7	0	SW	4	o/pr	47	97	6	2500	StCu	7	A.Cu	9
Gorleston	13	993.0	0	SSW	4	b	45	85	7	-	-	0	CuCu	2
Valencia (Cahirciveen)	30	985.5	1	SSW	4	or	51	85	7	-	St	10	-	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	991.1	-3	SW	2	0	52	85	8	2000	StCu	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Lerwick	566	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	43	•	•	•	•	•	•	•	•
Croydon	244	989.6	-1	SSW	3	c+	46	85	8	-	-	0	C.St	7
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	989.5	0	W	4	bc	46	92	7	2500	CuNb	2	C.St	4
Scilly (St. Mary's) ...	131	985.3	-3	W'S	5	c+	53	93	8	4000	StCu	7	-	7
Falmouth (Pendennis)	200	986.4	-2	SSW	+	0	53	75	7	5000	CuNb	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	989.7	-2	WSW	7	c/r	54	75	7	4000	CuNb	8	-	8
Southampton (Ca.shot)	12	989.7	-2	WSW	5	c+	52	85	8	2500	Cu	5	Cu	7
Dungeness	21	986.6	-1	WSW	6	bcr	54	75	8	4000	Cu	6	-	6
Guernsey	1	988.6	-3	WSW	5	o	55	85	8	4000	StCu	10	-	10

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.‡ 0-6	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. hr.
Lerwick	974.6	+2	-	0	bc/pr	45	92	7	4000	CuNb	3	A.Cu	4	-
Stornoway	974.0	-2	-	0	0	33	97	7	800	St	10	-	10	0
Wick	974.9	+2	WSW	2	bc	40	82	8	4000	CuNb	3	Cu.St	5	0
Castlebay	973.6	-2	SSW	4	o/pr	47	97	8	1500	Nb	10	-	10	4
Nairn	975.3	•	-	0	bc/r	33	85	8	1500	StCu	6	-	6	•
Aberdeen	977.1	+3	SW	2	c	42	85	8	4000	StCu	10	-	10	0
Malin Head	979.9	-7	SSW	4	o	46	97	8	1500	St	4	A.St	10	5
Renfrew	978.2	-3	SW	2	o/r	47	92	6	1500	Nb	8	A.St	10	•
Edinburgh (Inchkeith)	979.2	+2	SW	3	c/r	47	92	8	-	St	1	A.St	10	1
Leuchars	977.6	+2	SW	2	0	45	85	7	4000	St	3	A.St	10	•
Eskdalemuir	979.4	-1	S'W	2	0	44	92	6	1500	St	10	-	10	•
Tynemouth	983.0	-1	SSW	1	o+	47	85	6	800	St	10	-	10	1
Blacksod Point ...	972.0	-3	W	5	o	52	75	7	*	*	*	*	10	6
Donaghadee	979.4	-5	SSW	2	bc	47	92	8	450	St	5	-	5	2
Birr Castle	976.0	•	SE	1	o/r	48	97	6	1500	Nb	10	-	10	•
Holyhead	979.9	-8	SSW	6	o/r	51	85	8	1500	Nb	5	A.St	10	5
Liverpool (Bidston) ...	981.7	-4	S	3	c/r	47	92	7	1500	CuNb	8	-	8	4
Chester (Shotwick) ...	982.7	-7	SSE	3	or	47	92	7	1500	or	10	-	10	•
Spurn Head	985.5	-3	S	5	o	47	92	7	4000	StCu	10	-	10	3
Birmingham (Edgbaston)	985.7	-6	S	4	o	47	85	7	2500	Nb	6	A.St	10	•
Nottingham	985.7	-6	S	4	o-	49	85	7	2500	StCu	3	A.St	10	•
Cranwell	987.0	-5	S'W	4	o	47	97	8	1500	StCu	10	-	10	•
Gorleston	991.8	-1	SSW	4	o+	48	85	7	4000	StCu	9	-	9	1
Valencia (Cahirciveen)	987.5	0	W'N	5	o/r	52	75	7	1500	StCu	10	-	10	0
Roches Point	986.3	-12	W	3	bc-	52	97	8	2500	StCu	3	A.Cu	4	2
Pembroke (St. Ann's H.)	989.8	-10	S	7	o/r	52	97	6	1500	Nb	10	-	10	1
Ross-on-Wye	985.6	-7	SW'S	2	o/pr	50	85	8	2500	Nb	9	A.St	10	•
Lerwick	987.2	-7	SW	4	o	47	92	8	5000	St	10	-	10	•
Andover	988.9	-8	S	4	o/d	49	97	5	450	Nb	10	-	10	•
S. Farnborough ...	990.1	-7	S	3	o/d	50	97	5	800	Nb	10	-	10	•
London (Kew Obsy.) ...	989.7	-7	S	3	o/r	50	85	7	1500	St	5	A.Cu	10	•
Croydon	990.4	-7	S	2	o/r	50	92	7	800	Nb	10	-	10	•
Clacton-on-Sea ...	992.0	-3	S	4	c+	50	92	7	1500	St	5	A.St	7	2
Shoeburyness	991.4	-3	SSW	6	o+	51	85	7	4000	StCu	8	Cu	9	0
Grain	991.3	-4	SSW	4	o-	51	85	8	4000	St	8	Cu.Cu	9	•
Lympne	992.3	-5	SW	5	o	52	85	7	800	St	8	A.St	9	•
Scilly (St. Mary's) ...	983.3	-12	SW	6	o/r	56	97	6	4000	Nb	10	-	10	6
Falmouth (Pendennis)	982.6	-9	WSW	7	o/r	55	97	7	4000	Nb	10	-	10	1
Plymouth (Cattewater)	985.5	-11	SW	6	o/r	55	97	6	2500	St	10	-	10	1
Portland Bill	987.1	-8	S	6	o/r	56	97	6	2500	Nb	10	-	10	6
Southampton (Ca.shot)	990.5	-8	SSW	5	o	53	97	5	800	St	10	-	10	0
Dungeness	992.7	-3	SW	6	c/r	54	85	8	4000	Nb	4	Cu	7	6
Guernsey	990.8	-7	SW	5	o/r	51	97	5	800	St	10	-	10	4

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 21st-22nd	Temperature. Max. Day. 22nd	Rainfall.† Night 17h.-9h. 21st-22nd	Rainfall.† Day 9h.-17h. 22nd	Sunshine.	Sunshine. Sunrise to Sunset. 22nd
			°F.	°F.	mm.	mm.		hr.
Montrose	c	cog	42	53	-	Trace		5.1
Berwick-on-Tweed	bcbcv	bcpr	43	51	-	0.1		4.6
Llandudno	pccb	bcco	47	53	3	0.4		4.5
Colwyn Bay ...	bc	bc	46	52	2	-		5.0
Rhyl	b/bc	bcc	45	54	4	0.3		5.7
Southport	orcbc	corhr	46	52	3	7		3.7
Blackpool	roc	pcu	48	52	1	1		4.0
Ilkley	ompc	pchbc	43	51	2	5		1.2
Harrogate	b/pr	bcprbc	42	46	1	4		4.1
Skegness	bor	rocbc	44	58	0.2	0.1		4.7
Aberystwyth ...	roc	bc	48	55	13	-		3.5
Bath	b/bor	rcbcb	46	55	7	2		4.3
Leamington Spa ...	cb	cb	43	52	0.4	1		7.0
Lowestoft	cbbc	mcobc	45	55	0.2	-		6.3
Felixstowe	cbc	opbcm	47	56	-	4		4.9
Southend	bcq	crbc	45	58	0.1	3		6.7
Ilfracombe	bccp	bcc	48	55	5	1		5.1
Bude	pbcpc	cbcp	49	55	4	1		5.0
Torquay	p	pbcc	48	58	1	1		8.5
Weymouth	bc	bc	49	57	2	-		7.0
Bournemouth ...	b	b	47	56	2	0.3		6.8
Portsmouth (S'thsea)	bb	bbc	48	57	6	-		7.8
Littlehampton ...	bcpbc	bc	47	57	3	-		6.7
Worthing	bc	bc	48	56	3	-		7.2
Brighton	roroo	occoc	50	56	5	1		5.4
Eastbourne	bcpbc	bccrc	48	57	7	2		5.7
Hastings	bcqrh	bcoptbc	48	57	7	1		6.9
Folkestone	pR	pR	54	60	3	4		4.7
Dover	bcpc	chcr	48	56	4	3		4.7
Tunbridge Wells ...	b	bortl	44	57	3	2		7.4
Ramsgate	bc	ctlr	44	56	1	3		7.1
Margate	bbcb	bctlhr	45	57	1	3		7.5
Deal	roc	ctrhc	46	55	2	3		5.7

TERMS OF SUBSCRIPTION.—8/6 per quarter or 35/- 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 3.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22616 WEDNESDAY 24TH OCTOBER, 1923. Page 1.

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

STATIONS. (For heights see p.4).	1300: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	1800: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	976.3	+2	S	1	bc	52	85	7	4000	Cu	3	ACu	4	*	975.8	0	SE	1	bc	46	92	7	-	-	0	ASt	4	0
Stornoway	970.7	-4	SE	3	opro	48	92	7	450	St	10	-	10	*	967.7	-3	SE	3	o/r	48	92	7	800	St	10	-	10	2
Wick	974.5	-2	SE	2	o+	47	85	9	4000	StCu	4	CiSt	9	*	971.1	-4	SE	3	o	49	92	8	4000	ScCu	9	Ci	6	0
Castlebay	968.8	-4	ESE	4	opro	50	85	5	800	Nb	10	-	10	*	967.0	-1	W	3	bc/r	49	92	8	1500	ScCu	6	-	6	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	968.3	*	-	0	o+	47	85	8	1500	Sc	9	-	9	*
Aberdeen	975.0	-3	S'W	2	o	49	85	6	1500	StCu	9	-	9	1	970.5	-5	SSE	3	orr	48	97	6	800	Nb	10	-	10	0
Malin Head	968.0	-4	W	4	oroaro	49	97	7	4000	Nb	8	ASt	10	*	968.8	+1	WSW	5	bcpro	48	75	8	5700	CuNb	4	ACu	5	4
Renfrew	972.2	-7	E	2	oroaro	49	92	6	800	Nb	10	-	10	2	969.3	-3	WNW	1	oroaro	47	97	4	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	973.8	-7	SE	3	o	49	92	8	-	St	2	ASt	10	*	969.8	-4	ESE	1	oroaro	47	97	7	*	Nb	10	-	10	1
Leuchars	973.9	-5	SE	2	oro	48	92	6	4000	St	6	ASt	10	5	968.7	-5	-	0	oroaro	46	97	6	1500	Nb	10	-	10	*
Eskdalemuir	973.3	-7	SE	3	orr	46	92	6	1500	Nb	10	-	10	2	969.0	-3	WSW	1	orr	45	97	6	800	Nb	10	-	10	*
Tynemouth	977.2	-6	SSE	2	oro+	50	85	5	1500	Nb	10	-	10	*	969.5	-8	SSE	1	oddo	50	97	5	1500	Nb	10	-	10	1
Blacksod Point									*	*	*	*		*														
Donaghadee	971.3	-7	W	3	oR-	51	97	7	450	CuNb	10	-	10	*	972.4	+1	W	3	b.	46	92	7	450	ScCu	3	-	3	3
Birr Castle	974.3	*	W	3	opro	50	75	7	4000	StCu	7	-	7	*	974.3	*	W	1	bc-	43	97	6	4000	Cu	5	-	5	*
Holyhead	971.6	-5	W'S	6	o/r	54	85	8	1500	StCu	10	-	10	2	975.1	+4	WSW	5	bc	50	75	8	2500	Cu	3	CiSt	5	5
Liverpool (Bidston)	972.0	-11	SE	4	o	51	85	6	1500	CuNb	10	-	10	*	975.0	+5	WSW	6	bc/r	49	75	8	2500	ScCu	2	CiSt	4	6
Chester (Shotwick)	973.1	-10	SSE	3	or	51	97	6	1500	St	10	-	10	1	975.2	+3	WSW	4	bcpro	48	75	6	2500	ScCu	3	ACu	5	*
Spurn Head	976.4	-15	SE	5	odd	50	97	6	1500	St	10	-	10	*	973.4	+3	SW	5	ojp	52	85	8	2500	ScCu	9	-	9	3
Birmingham (Edgbaston)	974.9	-12	S	6	or	55	92	7	2500	Nb	10	-	10	2	978.2	+5	SW	4	b	48	75	8	2500	ScCu	1	-	1	*
Nottingham	975.2	-14	SSW	3	oro	55	92	7	800	Nb	10	-	10	*	975.9	+5	WSW	5	b-	49	75	7	-	-	0	-	0	*
Cranwell	976.3	-12	S'W	4	orr	53	97	6	800	Nb	10	-	10	2	975.9	+5	SW'W	5	b	50	92	7	2500	ScCu	1	-	1	*
Gorleston	982.2	-6	S	7	ororo	55	97	5	2500	Nb	10	-	10	*	979.0	-1	SW	4	bc-	55	85	7	2500	Sc	6	-	6	4
Valencia (Cahirciveen)	978.6	-1	SW'W	5	bi-	52	75	8	2500	StCu	3	-	3	1	977.5	-1	SW'W	4	bcpro	43	85	8	2500	ScCu	3	ACu	4	6
Roches Point	978.4	+1	WSW	4	bc	53	75	8	2500	CuNb	5	-	5	*	977.7	0	WSW	2	b.	47	92	8	2500	CuNb	3	-	3	3
Pembroke (St. Ann's H.)	978.2	+1	WSW	7	bc	53	75	7	4000	Cu	6	-	6	*	978.2	+2	WSW	6	bc	52	75	7	4000	Cu	6	-	6	6
Ross-on-Wye	976.5	-7	SW	5	o/r	54	75	8	2500	Nb	7	ACu	9	2	979.6	+3	WSW	3	b	49	75	7	4000	Cu	3	-	3	*
Leafield	976.9	-8	WNW	5	o/r	52	92	8	5700	St	10	-	10	*	979.4	+7	WSW	5	b-	47	86	3	?	?	?	?	?	*
Andover	980.0	-7	SSW	6	orr	56	92	7	800	Nb	10	-	10	2	981.5	+2	WSW	4	b-	49	75	8	-	-	0	-	0	*
S. Farnborough	980.4	-7	SSW	6	o/r	56	92	7	800	Nb	10	-	10	2	981.2	+2	WSW	4	b/r	49	97	8	-	-	0	-	0	*
London (Kew Obsy.)	982.7	-10	SSW	4	oroaro	57	85	8	800	Nb	7	ASt	10	2	980.8	+3	SW	3	b/r	53	85	6	4000	ScCu	1	-	1	*
Croydon	980.3	-10	SSW	5	o/r	56	92	7	800	Nb	10	-	10	2	981.4	+3	SW	4	b-	51	75	7	4000	ScCu	1	-	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	980.6	+2	SSW	5	c/r	53	92	7	1500	Nb	8	-	8	4
Shoeburyness	981.8	-12	SW'S	6	orr	57	92	5	450	Nb	10	-	10	*	980.6	+1	WSW	5	bc/r	52	85	8	2500	ScCu	3	ACu	6	*
Grain	981.8	-9	SSW	8	oRR	58	92	4	450	Nb	10	-	10	2	981.4	+2	SW'S	5	cjp	53	85	7	1500	Nb	4	CiSt	7	0
Lympne	982.4	-12	SSW	8	orr	57	97	6	<150	Nb	10	-	10	2	982.7	+1	W'S	5	c/r	50	92	7	1500	Sc	4	ACu	7	*
Scilly (St. Mary's)	983.0	0	W	7	bc/r	55	75	7	4000	StCu	5	-	5	*	983.6	0	W'S	6	bc+	52	85	7	4000	ScCu	6	-	6	6
Falmouth (Pendennis)	981.4	-1	WNW	7	bc+	54	75	7	5700	CuNb	5	-	5	*	982.5	0	W	5	bc+	52	75	7	5700	CuNb	4	-	4	0
Plymouth (Cattewater)	982.0	+2	W	6	o/r	52	75	7	1500	Nb	9	-	9		983.4	+1	W	5	bc+	53	75	7	2500	CuNb	6	-	6	1
Portland Bill	982.1	-8	WSW	7	or	55	75	7	2500	Nb	10	-	10	*	983.0	+2	W	6	b-	54	75	7	-	-	0	-	0	6
Southampton (Calshot)	981.6	-8	SW'S	7	orr	57	85	6	450	Nb	10	-	10	1	982.2	+2	WSW	4	b-	51	75	7	2500	Sc	1	-	1	0
Dungeness	983.4	-9	SSW	6	oR	57	97	6	4000	Nb	10	-	10	*	981.6	+1	SW	7	cR	54	92	7	4000	Nb	8	-	8	7
Guernsey	985.2	-6	SW'W	6	oro	55	97	7	800	Nb	10	-	10	*	986.4	+2	W	5	oroaro	51	92	7	1500	Nb	10	-	10	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather: Morning.	Weather: Afternoon.	Weather: Night.	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
		24 Hours ended 0900 G.M.T. 24th										
Kew } 24 hours ended 0700	18	odRro	opqb	bbcWro	*	*	36	6	0.2	0.1	*	*
Croydon } 24 hours ended 0700	244	omrRd	opr rrb	bwP rr	*	*	40	14	1	0.0	*	*
Greenwich (Royal Obsy.)	149	or	orcb	bobob	58	45	37	10	0.3	0.0	91	76
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	58	46	41	9		0.0	37	74
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	0.0		*
Camden Square	110	oor	orc	*	58	45	40	11	-	*	*	80
Kensington Palace	80	or	obc	*	58	45	37	11	1	*	(At 18h 83)	80
Hampstead Observatory	450	*	*	*	56	44	36	6	Tr	0.1	*	80

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.3	19h. 23rd	<0.3	2h. 23rd
1.3	9h 23rd		
Kew Observatory			
Max.	Time.	Min.	Time.
-	-	-	-

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23rd 17 h 45 m. to 24th 5 h 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.0	10.40	89
δ Ursae Minoris	12.0	10.28	87

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

23rd & 26th OCTOBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.36 / 6.37	11.37 / 11.37	4.38 / 4.36
Greenwich	6.41 / 6.42	11.44 / 11.44	4.47 / 4.45
Wick	7.10 / 7.12	11.56 / 11.56	4.42 / 4.33
Valencia	7.23 / 7.24	12.25 / 12.25	5.28 / 5.26

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

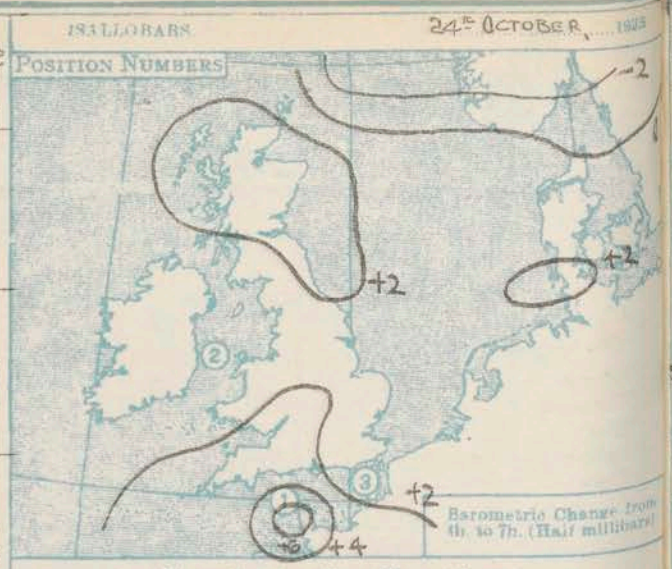
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 23rd	WEATHER. 13h.-18h. 23rd	WEATHER. 18h. 23rd to 1h. 24th	WEATHER. 1h.-7h. 24th	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 23rd Hours.
Lerwick	bc	bc	bc	o	54	44	•	-	-	-	-	2.8
Sternoway	p	p	c	oo	50	40	•	1	0.3	-	-	0.3
Wick	c	co	orr	orr	49	43	•	-	8	•	<2100	•
Castlebay	p	opc	cbc	cb	50	46	•	4	-	-	-	0.0
Nairn	obepc	cbo	r o r o	cdgm	50	42	•	1	7	11.00	<2100	0.5
Aberdeen	fir o dm	omorr	rr	rr p o	50	43	41	2	13	0900	<2100	0.0
Malin Head	orr	bep r	p bcv	bcv	51	40	•	3	0.2	0900	24.00	1.7
Renfrew	oir o m	or o r o m	oir o c	ocbcc	50	40	32	8	0.2	2080	<2100	0.1
Edinburgh (Inchkeith)	oo	r o r o	r o o	c	49	42	40	5	3	13.30	<2100	0.0
Leuchars	oir o m	or o r o m	or o r r o	ocbcb	49	38	29	2	4	0900	<2100	0.0
Eskdalemuir	oirm	orm	r m c	cpc	46	?	34	11	2	2080	<2100	0.0
Tynemouth	r o r o	r o r o	cm	bbc	51	39	38	2	-	0900	-	•
Blacksod Point ...							•					•
Donaghadee	omr	bc	bc	bc	52	39	•	5	-	2080	-	•
Birr Castle	cor o	cqpr	co	copr	53	39	33	3	2	2080	<2100	4.6
Holyhead	orgir	ocbc	bccob	bbc	56	46	43	3	-	0900	-	1.6
Liverpool (Bidston) ...	ocpom	op o	bcc	bcc	53	42	35	0.6	-	15.30	-	0.1
Chester (Shotwick) ...	orm	orr gpr bc amq	bcopr	ocpr bc	55	40	33	7	0.3	2080	<2100	0.1
Spurn Head	oorod	bdrcq	bbc	bb	54	44	•	4	-	0900	-	0.0
Birmingham (Edgbaston)	or	orpbc	bbc r b c	bcb	55	42	38	4	0.2	2080	2400	0.6
Nottingham	r r o	ir	bc	cp o	57	41	37	3	0.2	0900	2400	0.1
Cranwell	ordrr	r-d	bbco	ap bbc	56	40	35	3	0.1	0900	0130	0.6
Gorleston	orcmq	orrcq	bbc	bccb	57	44	42	6	-	0900	-	0.0
Valencia (Cahirciveen)	cpbcb	bopbc	obo	copo	52	40	38	3	4	2080	<2100	4.8
Roches Point	bc	cpb	bbc p b	cp	54	42	•	1	3	16.30	<2100	
Pembroke (St. Ann's H.)	cqp	c	cqp	c	54	47	•	6	4	2080	0430	4.0
Ross-on-Wye	dor o orqpbcopb		bbc o R r	b u o R c	57	43	35	5	6	2080	2200	1.1
Leafield	p	p	bbc		53	39	39	3	1	0900	<2100	0.3
Andover	oddrr	Rbc	bcctr	cbc	56	40	34	8	0.6	2080	<2100	0.3
S. Farnborough ...	oorr	ocbcb	bor	r o r o	57	44	40	6	1	2080	2400	0.1
London (Kew Obsy.) ...	od o R r o	opqp	bbc (1)	bcrgmr	57	45	36	6	0.2	0900	-	0.1
Croydon	omrrR	oprrp	bwoP	obcr r o	57	45	40	14	1	2080	2400	0.0
Clacton-on-Sea ...	ocqrd	ogrc	cb	bbcp	56	48	45	7	0.2	09.00	-	0.0
Shoeburyness	oPRcrobrcpbc		bc bbc	or o r m	53	46	42	7	0.6	12.30	-	0.0
Grain	orrom	oropr	cpbcb	bcor	53	45	37	12	1	0900	0630	0.0
Lympne	orrm	oRrrm	ocbcpr	corq	57	43	41	19	8	2080	<2100	0.0
Scilly (St. Mary's) ...	obcq	bcqp	cpqr	cqp	56	49	•	5	3	2080	<2100	5.1
Falmouth (Pendennis)	cpqbc	bcpbc	bcpco	corbc	56	47	•	5	4	0900	<2100	3.5
Plymouth (Cattewater)	orrq	opqddc	bcopbc	or	56	48	?	4	5	2080	<2100	1.2
Portland Bill	p	c	c	p	60	52	•	5	4	2080	2200	•
Southampton (Calshot)	orrmq	orrcbc	p	oirqcbc	57	47	43	9	5	2080	2400	0.1
Dungeness	qr	qr	opr	berhqrr	58	48	•	14	12	2080	2400	*
Guernsey	o'RR	ad o ebcr		irirq	57	47	•	29	3	2080	2400	*



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	23rd 1010	SCOTIA	SE'S	6	org.	54	55	5
1	23rd 1300	REINDEER	SW	8	RR	57	55	5
3	24th 0200	DIEPPE	SW	6	PR	54	57	7

GENERAL INFERENCE.

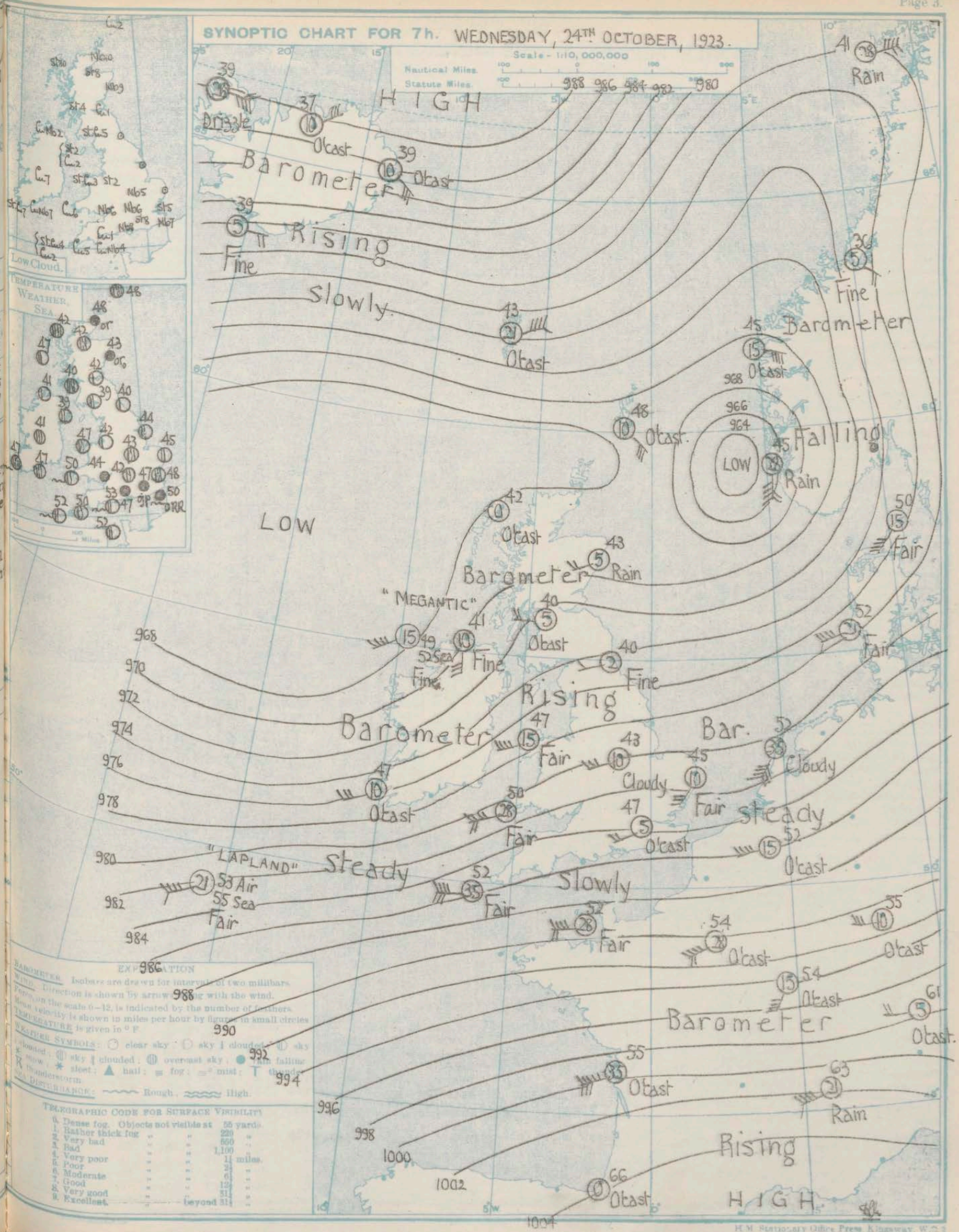
The deep depression off the Hebrides continues and a secondary is developing southwest of Ireland. In the South, W. to SW. winds are probable, strong at times, with some showers but bright periods, but in the North the weather will be mainly cloudy with intermittent rain and light indefinite winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 24th October, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽	Wind W. to SW., strong at times, probably reaching gale force locally on the coast; showers, with bright intervals; visibility mainly good; rather mild.	Unsettled.
3. E. Midlands 4. W. Midlands	Wind W. to SW., strong at times; showers, with bright intervals; visibility mainly good; rather mild.	
5. S.W. England ▽ 6. South Wales ▽	As 1 - 2.	▽South cone still flying.
7. North Wales ▽ 8. N.W. England ▽ 9. N. Midlands 10. N.E. England ▽	Wind SW. to W., moderate to fresh; showers with bright intervals; visibility mainly good; rather mild.	
11. E. Scotland 12. S.W. Scotland	Light winds from between S. and W.; much cloud, intermittent rain; visibility moderate; moderate temperature.	
13. Isle of Man ▽	As 7 - 10.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind light and indefinite; varying amount of cloud, occasional rain in places; visibility moderate; moderate or rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 11 - 12.	
19. S.E. Ireland ▽ 20. S.W. Ireland ▽	As 1 - 2.	

ZYN

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

† For Code see opposite page



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...WEDNESDAY, 24TH OCTOBER...1923. No. 297...

Observations at 0100 G.M.T. 24th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	972.2	-2	SSE	2	o+	47	92	7	4000	St.Cu	9	-	9
Stornoway	51	968.4	0	SE	2	o	•	•	5	•	•	•	•	•
Wick	81	968.7	-1	ESE	2	orr	47	97	8	2500	Nb	10	-	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	969.6	0	SW	4	b-	43	97	9	4000	Cu	3	-	3
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	969.3	+1	WSW	5	o0	46	92	7	-	St.Cu	7	Ci.Cu	9
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	972.7	+4	W	1	bc-	46	85	6	800	St	2	A.Cu	5
Blacksod Point ...	10									•	•	•	•	
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	975.6	0	W'S	5	b	47	75	8	2500	Cu	3	-	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	977.1	+3	SSW	4	b	45	92	7	-	-	0	-	0
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	978.1	+1	SW'S	4	o	45	97	6	2500	St.Cu	2	A.St	10
Gorleston	13	98.16	+1	SW'S	3	b	46	85	7	-	-	0	-	0
Valencia (Cahirciveen)	30	976.6	-1	WSW	7	bc/r	50	85	9	-	Cu	4	-	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149													
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	982.4	-1	SW'S	4	oPR	47	92	7	2500	Cu.Nb	9	-	9
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	983.4	-1	W'S	4	c	47	92	7	2500	Cu.Nb	6	A.Cu	8
Scilly (St. Mary's) ...	131	981.5	-1	W'S	6	c	52	85	7	4000	St.Cu	7	-	7
Falmouth (Pendennis)	200	981.3	0	WNW	7	cR	51	85	7	5700	Cu.Nb	8	-	8
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	980.8	-2	WSW	6	bc+	54	75	7	4000	Cu.Nb	6	-	6
Southampton (Calshot)	12	982.6	-1	WSW	4	bc	50	85	8	4000	Cu	4	-	4
Dungeness ...	21	983.5	0	WSW	5	cr	51	92	8	2500	Nb	8	-	8
Guernsey	—													

Observations at 0700 G.M.T. 24th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	969.6	-2	SE	3	o	48	85	7	4000	Cu	2	A.St	10	2
Stornoway	968.7	+2	-	0	o	42	97	7	800	St	10	-	10	0
Wick	968.4	0	WNW	1	orr	48	97	8	2500	Nb	10	-	10	0
Castlebay	969.0	+2	WSW	3	b	47	92	8	2500	Cu	2	-	2	3
Nairn	960.2	•	WSW	1	c/r	42	92	7	1500	St	3	-	8	•
Aberdeen	969.6	+2	WSW	2	o/o	43	97	6	1500	Nb	9	-	9	0
Malin Head	970.4	0	S	3	b	41	97	9	5700	Cu.Nb	3	Ci.Cu	3	3
Renfrew	972.3	+2	W	2	o	40	92	6	2500	St.Cu	4	A.St	10	•
Edinburgh (Inchkeith)	971.3	+2	SW	5	b-	42	97	8	-	Cu	1	Ci	2	3
Leuchars	971.1	+2	WSW	3	b	39	97	7	-	-	0	Ci	1	•
Eskdalemuir	974.2	+1	SW	3	bc	39	85	7	2500	St.Cu	5	-	5	•
Tynemouth	974.7	+2	SW	1	b	40	97	5	-	-	0	A.Cu	2	•
Blacksod Point	973.6	+1	SSW	1	b+	39	92	8	800	St	2	-	2	1
Donaghadee	974.6	•	S	1	c+	41	92	6	1500	Cu	7	-	7	•
Birr Castle	976.5	+1	SW'W	4	bc	47	85	8	2500	St.Cu	3	A.Cu	6	4
Holyhead	977.1	+1	S'W	2	b-	42	85	6	2500	St	2	Ci.St	3	3
Liverpool (Bidston)	977.7	+1	SE	3	b-	40	92	8	2500	St	1	Ci	2	•
Chester (Shotwick)														
Spurn Head	977.4	0	SW	5	bc+	44	92	8	-	-	0	A.Cu	5	3
Birmingham (Edgbaston)	978.8	+1	SSW	4	bc-	42	92	7	2500	Nb	4	Ci	5	•
Nottingham	978.9	0	SW	3	c	43	92	6	2500	Nb	6	Ci	8	•
Cranwell	979.1	+2	SW	3	c+	42	97	8	2500	St.Cu	4	A.Cu	7	•
Gorleston	98.18	0	SSW	3	bc+	45	85	7	-	-	0	Ci.Cu	4	0
Valencia (Cahirciveen)	975.7	0	SW	3	o/r	47	85	7	1500	St.Cu	7	A.St	9	6
Roches Point	978.3	0	WSW	3	c	47	92	8	2500	Cu.Nb	7	-	7	3
Pembroke (St. Ann's H.)	980.3	+1	WSW	6	bc	50	75	7	[illegible]000	Cu	6	-	6	6
Ross-on-Wye	980.7	+2	SW	2	cr	44	92	8	2500	Nb	6	A.St	8	•
Leafield	981.5	+2	SSW	1	bc+	42	97	8	2500	Nb	3	Ci	5	•
Andover	983.1	+1	SW'S	3	bc/b	44	97	9	4000	Cu.Nb	3	A.Cu	5	•
S. Farnborough	982.2	+1	SW	4	o/o	47	92	7	800	Nb	9	-	9	•
London (Kew Obsy.)	982.4	+1	SSW	2	o/b	47	92	6	1500	St	8	Ci.St	9	•
Croydon	982.5	0	SW'S	3	o/r	46	92	7	1500	Nb	7	A.St	10	•
Clacton-on-Sea	981.9	0	SW	3	c+	48	92	7	1500	St	5	A.St	7	1
Shoeburyness	982.3	0	WSW	3	o/r	48	85	6	1500	Nb	10	-	10	•
Grain	982.8	0	SSW	4	o/r	47	92	7	1500	Nb	10	-	10	0
Lympne	983.0	+1	W'N	3	o/r	46	97	6	1500	Nb	8	A.St	10	•
Scilly (St. Mary's)	983.8	+2	W	7	bc	52	85	8	4000	St.Cu	6	-	6	6
Falmouth (Pendennis)	984.5	+3	W	5	bc/r	50	75	8	5700	Cu	5	-	5	3
Plymouth (Cattewater)	984.2	+3	W	6	b	51	85	8	2500	Cu.Nb	1	-	1	1
Portland Bill	982.8	+2	W	6	bc-	53	75	7	4000	Cu.Nb	4	-	4	6
Southampton (Calshot)	983.5	+2	W'S	3	bc-	48	85	8	4000	Cu.Nb	4	-	4	0
Dungeness	983.0	0	W	4	oRR	50	97	7	2500	Nb	7	Ci.St	10	6
Guernsey	981.4	+6	W	6	bc+	52	85	8	4000	Cu	4	-	4	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23RD OCTOBER

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.	Sunshine. Sunrise to Sunset. 23rd hr.
Montrose	ocm	ohm	45	?	0.4	2		0.1
Berwick-on-Tweed	proce	cpRR	45	50	0.1	2		-
Llandudno	ocd	roc	48	55	4	1		0.3
Colwyn Bay	cp	pc	47	56	5	2		0.8
Rhyl	rcbc	cc	48	56	3	2		0.5
Southport	oro	oroc	46	52	8	1		0.1
Blackpool	or	oq	47	52	2	2		-
Ilkley	omdo	omrc	44	52	3	7		-
Harrogate	r	robc	43	50	3	6		-
Skegness	or	roco	44	56	trace	2		-
Aberystwyth	ror	o	49	55	5	3		0.5
Bath	or	rcbcb	47	57	0.5	4		0.9
Leamington Spa	or	cbbc	44	57	1	3		1.0
Lowestoft	or	roc	45	56	-	8		-
Felixstowe	omr	omrog	47	56	-	8		-
Southend	or	roc	45	57	0.2	7		-
Ilfracombe	ob	ocb	49	57	5	07		1.0
Bude	porp	pecpc	49	55	6	0.6		2.2
[illegible]								
Torquay	rm	pbcc	50	57	6	3		1.9
Weymouth	r	pbc	51	58	5	5		0.8
Bournemouth	o	o	48	57	2	3		0.6
Portsmouth (S'thsea)	orr	oc	50	58	6	6		-
Littlehampton	ocp	ocpbc	50	59	4	19		-
Worthing	r	ro	51	58	3	10		-
Brighton	RR	rroor	51	58	4	26		-
Eastbourne	rr	rroc	51	58	3	16		-
Hastings	oror	oRro	49	58	2	29		-
Folkestone	r	r	53	60	2	13		-
Dover	opor	orRq	48	59	2	13		-
Tunbridge Wells	or	or	44	58	2	22		-
Ramsgate	r	r	45	58	-	11		-
Margate	orr	or	48	59	-	10		-
Deal	rq	rq	46	58	trace	10		-

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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. 22617. THURSDAY, 25TH OCTOBER 1923.

Observations at 1300 G.M.T. 24th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	969.2	0	N	3	ojp	48	85	7	4000	CuNb	3	ASt	10	*
Stornoway	970.7	+3	SSW	2	o	50	75	7	800	St	10	–	10	*
Wick	970.5	+2	WNW	1	or₀f₀	44	97	7	1500	St	10	–	10	*
Castlebay	971.7	+1	SE	4	bc	51	85	8	4000	StCu	4	–	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	972.1	+2	W	3	bc-	51	65	8	4000	Cu	3	ACu	6	1
Malin Head	971.4	+1	S	4	bc+	49	85	9	4000	Cu	4	ACu	6	*
Renfrew	975.1	+2	SW	2	o+	48	85	7	1500	Nb	9	–	9	2
Edinburgh (Inchkeith)	974.4	+2	WSW	4	c+	48	85	8	–	Cu	6	CiCu	7	*
Leuchars	973.5	+2	WSW	4	c+	50	75	7	5700	StCu	4	CiSt	8	0
Eskdalemuir	975.4	+2	SW	5	bc	47	75	7	2500	StCu	5	–	5	2
Tynemouth	976.9	+1	WSW	3	b	51	75	7	4000	Cu	3	–	3	*
Blacksod Point	970.0	-1	W	3	oPR	47	85	7	*	*	*	*	10	*
Donaghadee	975.8	0	SSW	3	bc+	51	75	8	450	StCu	4	CiSt	6	*
Birr Castle	974.5	*	SW	2	cpr₀	47	85	7	4000	Nb	7	–	7	*
Holyhead	977.5	-2	SW'S	5	o	54	75	8	1500	Cu	5	CiSt	9	0
Liverpool (Bidston)	979.4	+1	SSW	3	opr₀	49	75	7	1500	Nb	10	–	10	*
Chester (Shotwick)	980.0	+2	SW	4	orr	52	65	8	1500	St	10	–	10	2
Spurn Head	980.4	+3	SW	6	c	50	75	7	4000	StCu	7	–	7	*
Birmingham (Edgbaston)	982.8	+2	SSW	5	ojr	49	75	7	4000	CuNb	9	–	9	2
Nottingham	981.2	+2	WSW	4	o+	54	65	7	2500	Nb	10	–	10	*
Cranwell	982.1	+3	SW	4	o	52	85	8	2500	StCu	6	ASt	9	1
Gorleston	984.9	+3	WSW	4	bc-	54	65	7	4000	Cu	4	–	4	*
Valencia (Cahirciveen)	976.2	0	SW	5	cpr₀	51	85	7	2500	StCu	6	ASt	8	2
Roches Point	978.2	0	W	4	c	53	85	8	2500	CuNb	7	–	7	*
Pembroke (St. Ann's H.)	981.5	-1	SW'W	7	c	53	75	7	4000	Cu	7	–	7	*
Ross-on-Wye	983.1	+1	W'N	3	or+	51	85	7	2500	Nb	10	–	10	2
Leafield	983.8	+2	W	6	o	53	65	8	4000	CuNb	4	ACu	9	*
Andover	986.3	+2	SW'W	6	c+	55	65	8	4000	Cu	7	–	7	1
S. Farnborough	986.5	+1	SW	6	bc+	58	65	8	4000	Cu	6	–	6	0
London (Kew Obsy.)	986.0	+2	SW	5	bc	56	55	8	4000	Cu	6	–	6	2
Croydon	986.3	+1	WSW	5	bc	56	65	8	4000	Cu	5	–	5	2
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	986.2	+5	W'S	5	b-	57	65	8	4000	Cu	3	–	3	*
Grain	986.2	+3	SW	6	bc-	57	55	8	4000	Cu	5	–	5	2
Lympne	987.7	+3	WSW	5	cjp	56	65	8	2500	StCu	7	–	7	2
Scilly (St. Mary's)	985.4	+1	W'S	6	bc-	56	85	8	4000	StCu	4	–	4	*
Falmouth (Pendennis)	986.0	+1	WSW	5	bc/r	52	85	8	5700	Cu	5	–	5	*
Plymouth (Cattewater)	985.9	0	WSW	7	bcPR	52	75	8	2500	CuNb	4	–	4	2
Portland Bill	985.6	+2	W	7	bc+	56	75	7	4000	CuNb	6	–	6	*
Southampton (Calshot)	987.3	+1	WSW	6	bcjp	55	65	8	4000	CuNb	4	–	4	0
Dungeness	987.6	+4	W	5	bc+	56	85	8	4000	Cu	4	–	4	*
Guernsey	982.9	0	WSW	7	±c	55	92	8	2500	Nb	8	–	10	*

Observations at 1800 G.M.T. 24th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	970.8	+3	NNW	1	c	45	85	7	5700	StCu	5	ASt	8	0
Stornoway	971.2	+1	–	0	b-	43	97	7	800	Sc	3	–	3	0
Wick	971.9	+2	WNW	2	or₀f₀	43	97	7	800	St	10	–	10	0
Castlebay	971.9	0	SE	3	b	48	92	8	4000	Cu	2	–	2	3
Nairn	973.0	*	–	0	bc-	43	92	8	4000	Cu	2	ACu	6	*
Aberdeen	973.7	+3	WSW	2	b	43	85	6	–	–	0	Ci	3	0
Malin Head	971.2	0	SE	2	cy	45	97	9	3700	StCu	6	ACu	7	2
Renfrew	974.8	-1	–	0	or₀	46	92	5	1500	Nb	10	–	10	*
Edinburgh (Inchkeith)	974.6	+2	SW	1	bc-	46	92	7	*	CuNb	2	ACu	4	0
Leuchars	974.1	0	–	0	b	40	92	6	2500	StCu	3	–	3	*
Eskdalemuir	975.8	0	SW	2	c/r	41	85	7	1500	StCu	7	–	7	*
Tynemouth	978.3	+1	SSW	1	bc+	48	85	6	4000	StCu	5	–	5	1
Blacksod Point	971.5	+2	WNW	2	o	47	85	7	*	*	*	*	10	7
Donaghadee	974.9	0	S	1	c+	48	92	8	450	Sc	10	–	10	3
Birr Castle	975.5	*	SW	2	cPR	45	92	5	1500	CuNb	8	*	8	*
Holyhead	977.9	+1	SW'S	5	c	52	75	8	2500	CuNb	3	CiSt	8	4
Liverpool (Bidston)	978.8	0	SSW	4	bc/r	47	85	9	2500	StCu	3	ASt	5	5
Chester (Shotwick)	979.5	0	S	2	or	49	85	6	2500	Sc	8	ACu	9	*
Spurn Head	981.1	+2	SSW	4	c+	50	85	7	2500	Nb	8	–	8	2
Birmingham (Edgbaston)	982.7	0	SSW	4	cjp	47	85	7	2500	CuNb	7	–	7	*
Nottingham	982.0	0	SW	3	b/r	46	92	7	4000	Cu	1	Ci	2	*
Cranwell	983.1	+2	SW'W	3	orr	46	97	7	1500	Nb	9	–	9	*
Gorleston	985.9	+1	SSW	4	b-	49	75	6	–	–	0	ASt	2	1
Valencia (Cahirciveen)	977.7	+3	SW'W	5	cpr₀	49	85	7	2500	StCu	6	ASt	8	7
Roches Point	979.3	+1	W	4	o	48	97	8	2500	CuNb	9	–	9	6
Pembroke (St. Ann's H.)	981.5	0	SW	8	bcPR	53	75	7	2500	Nb	6	–	6	6
Ross-on-Wye	983.4	+1	WSW	3	bc-	49	85	7	4000	CuNb	4	–	4	*
Leafield	983.8	0	W	3	b-	47	85	8	2500	CuNb	1	–	1	*
Andover	985.9	0	SSW	4	b-	49	92	8	4000	StCu	3	–	3	*
S. Farnborough	986.7	0	SW	4	b-	50	92	8	4000	StCu	3	–	3	*
London (Kew Obsy.)	986.5	+1	SSW	3	b	52	75	6	2500	StCu	3	–	3	*
Croydon	986.8	+1	SW	4	bc+	50	85	6	2500	StCu	6	–	6	*
Clacton-on-Sea	986.5	+1	SSW	4	bc	52	85	7	1500	Sc	5	–	5	3
Shoeburyness	986.8	0	SW	4	c+	51	85	8	1500	StCu	7	–	7	*
Grain	987.1	+1	SSW	4	c+	51	85	8	2500	StCu	7	–	7	0
Lympne	988.4	+1	SW'W	6	c/r	50	85	8	2500	CuNb	6	ASt	8	*
Scilly (St. Mary's)	986.2	0	W'S	6	bc	53	85	8	4000	CuNb	1	CiCu	4	6
Falmouth (Pendennis)	985.8	+1	W'S	6	b/r	53	85	8	5700	Cu	3	–	3	0
Plymouth (Cattewater)	986.2	+1	WSW	6	c-	54	75	8	2500	StCu	7	–	7	6 (5)
Portland Bill	985.1	0	WSW	7	bcPR	55	75	7	4000	CuNb	6	–	6	3
Southampton (Calshot)	986.7	0	SW'W	8	ojp	52	85	7	1500	Nb	10	–	10	3
Dungeness	988.1	0	SW	7	cR	52	92	7	4000	Nb	8	–	8	8
Guernsey	990.1	+1	WSW	7	or₀r₀	51	92	8	1500	Nb	10	–	10	7

LONDON OBSERVATIONS. (Weather, Temperature: 24 HOURS ENDED 0000 G.M.T. 25th)

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew (24 hours ended 0700)	18	bbcy	bcybm	bmw	*	*	42	tr	tr	6.8	*	*
Croydon (24 hours ended 0700)	244	obq	bcqb.c	bcbmw	*	*	43	0.1	–	6.8	*	*
Greenwich (Royal Obsy.)	149	bc	bc	bcbm	58	47	40	–	–	4.1	65	70
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	6.0	*	*
Westminster (St. James' Pk.)	27	*	*	*	58	50	45	–	–	4.1	65	69
Regent's Pk. (Botanic Gdns).	—	*	*	*	*	*	*	*	*	6.4	*	*
Camden Square	110	obc	bcb	*	59	49	43	–	–	*	*	72
Kensington Palace	80	b	b	*	59	49	40	–	–	*	(At 18h) 64	69
Hampstead Observatory	450	*	*	*	55	47	38	tr.	–	6.0	*	74

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.0	Noon 25th	<0.3	24 Nov. 13
1.3	0800 24th		2 Nov. 24

Kew Observatory

Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24th N h. 45 m. to 25th 5 h. 45 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 0	12 0	100
δ Ursae Minoris	12 0	12 0	100

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. [illegible] OCTOBER, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.37 / 6.39	11.37 / 11.37	4.36 / 4.35
Greenwich	6.42 / 6.44	11.44 / 11.44	4.45 / 4.44
Wick	7.12 / 7.14	11.56 / 11.56	4.39 / 4.37
Valencia	7.24 / 7.26	12.25 / 12.25	5.26 / 5.24

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

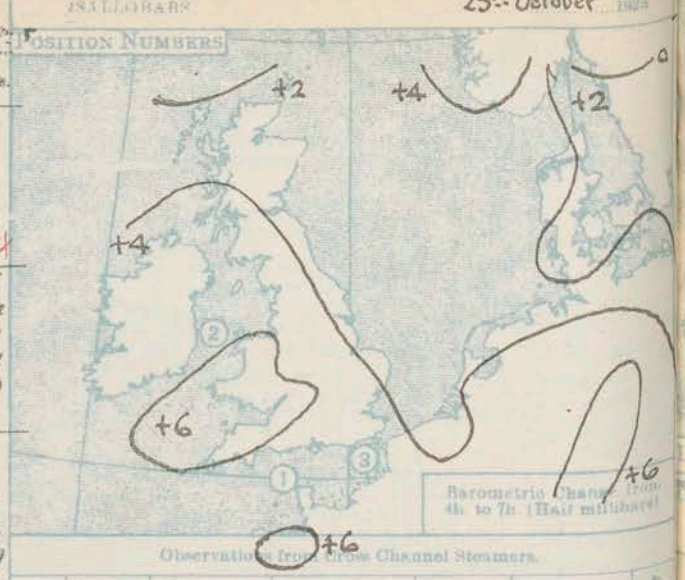
SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 24th	18h.-18h. 24th	18h. 24th to 1h. 25th	1h.-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	opr	bc	bc	b	49	38	•	Trace	0.4	L0800	<2100	0.0
Stornoway	o	c	bbc	∇ dp	51	35	•	-	0.5	-	-	1.0
Wick	or o r o	or r o	or r o	oo	48	38	•	5	1	L0800	<2100	•
Castlebay	bebc	bub	bcopo	opo	53	46	•	-	2	-	-	4.4
Nairn	cgbc	bbcc	cbcx ∇	bc	50	33	•	-	-	-	-	5.5
Aberdeen	ir o bc	b-bc	bm	bbcc	50	34	28	trace	-	L0800	-	3.4
Malin Head	bcv	coc	coir	co PR	49	46	•	-	3	-	<2100	6.4
Renfrew	bcmc	or o m	oir	oirq	49	42	36	1	3	15.30	<2100	4.4
Edinburgh (Inchkeith)	bc	p	c	p	50	44	39	trace	3	16.30	0230	8.0
Leuchars	bbecm	cbcbm	bopr	opr	50	39	24	-	1	-	<2100	8.4
Eskdalemuir	bcp	cbccopopr	copr	oo	48	39	34	3	2	L0800	<2100	3.9
Tynemouth	bbc	b-bc	oir	bbcm	53	43	41	-	4	-	<2100	•
Blacksod Point ...	p	p	h	h	51	42	•	S	1	-	-	•
Donaghadee	bc	cp	opr	c	52	41	•	1	Trace	15.30	<2100	•
Birr Castle	copr o	copR	copre	co	52	40	33	3	4	L0800	<2100	4.1
Holyhead	bcco	cprl	ococ	cbcb	53	48	45	Trace	-	13.30	•	5.3
Liverpool (Bidston) ...	bcopo	p	copo		52	42	36	1	1	13.30	0130	4.9
Chester (Shotwick) ...	bbcopr	opRbecr	cpRy	opRcq	54	44	38	1	4	12.30	<2100	4.1
Spurn Head	c	c	bbc	bpc	52	45	•	-	-	-	-	5.0
Birmingham (Edgbaston)	bcp	coRtic	bcr p bc	bor	53	45	41	2	2	11.00	<2100	4.9
Nottingham	c	tr	b	bb	54	45	40	2	1	12.30	0230	4.0
Cranwell	c	corh	bbc	bbc	54	44	40	1	0.2	17.30	<2100	5.5
Gorleston	cbcq	bcqbc	b	bbc	56	44	41	-	-	-	-	5.0
Valencia (Cahirciveen)	ophtl	cpnpc	cpnq	orofo	53	44	42	7	5	L0800	<2100	3.4
Roches Point	cPHr	oPq	cPt	cpb	54	44	•	11	5	L0800	<2100	5.6
Pembroke (St. Ann's H.)	cqp	cqp	cqp	cqp	53	48	•	1	3	L0800	<2100	4.4
Ross-on-Wye	bbccir	cpcqRtbc	pirb	rqbir	54	46	42	7	10	L0800	<2100	4.6
Leafield	bbc	b-bc	bbc		54	44	39	trace	1	12.30	0630	4.3
Andover	bc	cprbcb	bbc	bc	57	44	41	0.3	-	14.30	-	4.6
S. Farnborough ...	Rtbcq	bcqp	bbcbq	bqb	58	44	44	-	-	-	-	3.3
London (Kew Obsy.) ...	bbcy	bcybm	bmbmW	bmW	57	43	42	Trace	Trace	L0800	-	6.8
Croydon	obq	bcqocb	bcbrW	brW	58	44	43	0.1	-	L0800	-	6.8
Clacton-on-Sea ...	cpbc	bc	bc	bc	56	49	46	0.5	-	09.00	-	6.4
Shoeburyness	orcmcb	bbccc	cbcb	b	58	48	45	0.2	-	09.00	-	4.2
Grain	or bc	bcbcy	cp bb	bb	54	48	42	0.2	Trace	L08.00	<2100	4.0
Lympne	bcc	cbcopt	br oc	cPKq	56	44	43	~~0.1~~ 1.0	4	L08.00	2400	6.0
Scilly (St. Mary's) ...	bcqp	bcq p	bcq	bcq	56	51	•	~~0.2~~ 1.5	-	L0800	•	4.4
Falmouth (Pendennis)	bcpbc	bcp bc	bc	bc	56	51	•	0.6	-	09.00	-	6.3
Plymouth (Cattewater)	cpbb	bcc	bccq	obq	56	53	41	0.5	-	11.00	•	6.2
Portland Bill	c	p	tirh	pt	54	54	•	1	4	14.30	2200	•
Southampton (Calshot)	bqbcqpbc	p	p	bcpqbcq	56	51	48	1	0.5	12.30	2200	4.3
Dungeness	qp	qpr	rrpq	qpr	54	50	•	11	3	L0800	<2100	•
Guernsey	cpcp	pcrr	cctc	cq	56	51	•	1	-	L0800	-	•



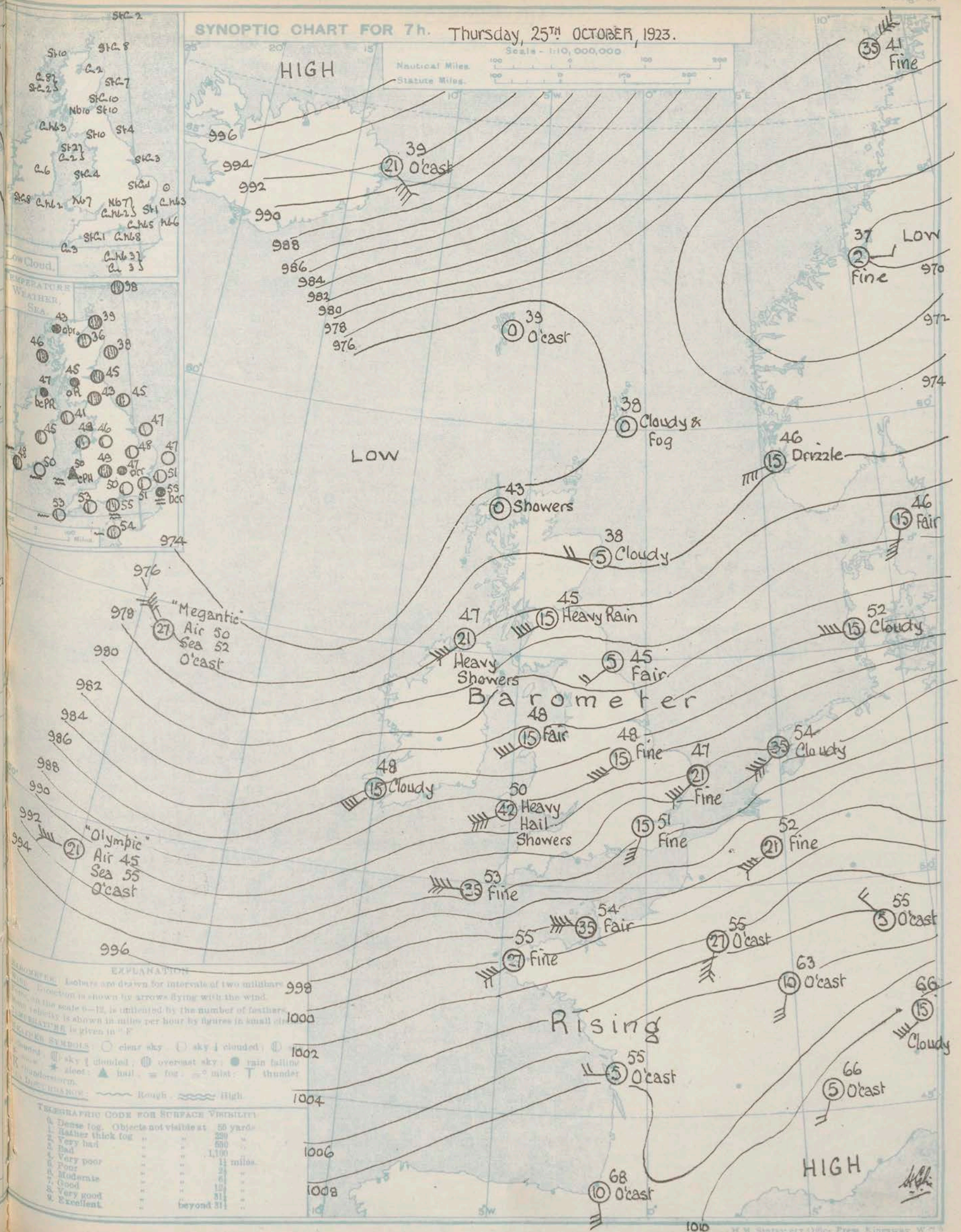
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	24th 1000	SCOTIA	SW's	5	bcV	50	54	9
3	25th 0200	ARUNDAL	WSW	6	co1	53	54	8

GENERAL INFERENCE.

There is still a deep depression near the Hebrides and conditions favour the passage of secondary depressions eastwards across the British Isles. Gales or strong winds from a westerly direction are probable over the southern half of the Kingdom, with occasional showers in most districts but considerable bright intervals.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 25th October, 1923.	Further Outlook.
1. S.E. England ∇ 2. E. England ∇ 3. E. Midlands 4. W. Midlands 5. S.W. England ∇ 6. South Wales ∇	Wind between SW. and W., fresh to strong, a gale at times in exposed places; occasional showers, considerable bright intervals; visibility moderate to good; rather mild.	Unsettled. ---------
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between SW. and W., fresh to strong at times; occasional showers, some bright periods; visibility moderate to good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind between SW. and W., mainly moderate, but fresh locally; varying amount of cloud, occasional rain in most places; visibility moderate to good; moderate to rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 10.	∇ South Cone still flying. ----------
19. S.E. Ireland ∇ 20. S.W. Ireland ∇	As 1 - 6.	



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY, 25TH OCTOBER 1923. No. 298.

Observations at 0100 G.M.T. 25th

STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	972.5	+2	-	0	b	41	92	Y	5700	StCu	3	-	3
Stornoway	51	973.8	0	-	0	b	*	*	6	*	*	*	*	*
Wick	81	972.5	+1	W	1	or r	42	94	8	2500	Nb	4	CiSt	10
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	972.6	+2	SW	4	cr	46	92	Y	4000	CuNb	8	-	8
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	974.9	+1	SW	1	c+	45	92	8	*	Cu	5	ACu	4
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	974.6	+1	SW	1	b/r	45	92	Y	-	-	0	CiCu	3
Blacksod Point	10	974.2	+5	NW	5	40	+6	75	7	-	CuNb	10	-	10
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	980.1	+3	SW'W	5	c	50	95	8	2500	Cu	3	CiSt	8
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	981.9	+1	SW	4	b	46	92	Y	-	-	0	ACu	3
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	297	980.6	+1	SSW	4	b/f	46	85	8	4000	StCu	2	-	2
Gorleston	13	986.9	+1	SW'S	4	b+	49	85	Y	-	-	0	CiCu	1
Valencia (Cahirciveen)	30	981.2	+3	SW	5	cPH	49	85	9	*	CuNb	8	-	8
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	984.1	+2	SW	8	c/p	52	86	8	1500	Cu	8	-	8
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	295	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	50	*	*	*	*	*	*	*
Croydon	244	989.4	+4	WSW	4	b+	50	95	8	4000	StCu	1	ACu	3
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	991.1	+4	W	3	bc	49	92	Y	1500	St	3	CiSt	6
Scilly (St. Mary's)	131	989.8	+2	W'S	4	b	53	85	8	4000	Cu	3	-	3
Falmouth (Pendennis)	200	989.1	+3	W'S	6	bc+	54	95	8	5700	Cu	4	-	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	989.9	+2	WSW	8	cKQ	55	95	Y	2500	Nb	10	-	10
Southampton (Calshot)	12	990.3	+3	WSW	5	bc-	52	95	8	2500	CuNb	5	-	5
Dungeness	21	990.9	+4	WSW	4	bc/f	55	85	8	5700	Cu	6	-	6
Guernsey	—	993.4	+4	W	8	ocl	55	85	6	4000	CuNb	9	-	9

Observations at 0700 G.M.T. 25th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	954.4	+2	-	0	b	38	94	Y	5700	StCu	2	ASt	3	3
Stornoway	944.9	0	-	0	opr	43	94	Y	450	St	10	-	10	0
Wick	942.8	+2	WSW	1	o	39	94	9	4000	StCu	8	Ci	10	0
Castlebay	945.6	+3	NE	2	o/r	46	92	8	2500	StCu	10	-	10	1
Nairn	945.1	+	-	0	bc	36	85	8	4000	Cu	2	ACu	6	*
Aberdeen	945.9	+2	W	2	c	38	94	Y	2500	StCu	Y	-	Y	0
Malin Head	944.4	+4	SW	5	bcPR	49	92	8	4000	CuNb	3	CiCu	5	2
Renfrew	944.9	+4	SW	4	oR	45	92	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	944.3	+2	SW	4	c/r	48	94	8	*	St	10	-	10	2
Leuchars	946.6	+3	WSW	1	o	43	92	Y	1500	StCu	10	-	10	*
Eskdalemuir	980.3	+4	SW'S	3	o	43	85	Y	1500	St	10	-	10	*
Tynemouth	980.4	+2	SW	2	bc	43	92	6	800	St	4	-	4	*
Blacksod Point	979.3	+2	WSW	6	c	50	85	8	-	CuNb	8	—	8	5
Donaghadee	982.6	+3	S	1	bc	41	95	8	800	St	4	-	4	2
Birr Castle	982.4	+	SW	1	bc	45	92	6	2500	Cu	6	-	6	*
Holyhead	984.9	+6	SW'W	4	bc+	48	85	8	1500	StCu	4	ACu	5	4
Liverpool (Bidston)	985.1	+4	SW	3	b	46	85	8	4000	Cu	3	-	3	4
Chester (Shotwick)	985.2	+6	WSW	4	b	48	95	9	4000	CuNb	1	ACu	2	*
Spurn Head	985.4	+3	SW	6	b+	49	92	Y	*	StCu	3	-	3	3
Birmingham (Edgbaston)	986.9	+4	SSW	4	opr	46	92	8	1500	Nb	9	-	9	*
Nottingham	987.5	+4	SW	4	b+	48	85	Y	1500	StCu	1	-	1	*
Cranwell	987.1	+6	SW'W	5	b	44	94	8	4000	StCu	2	-	2	*
Gorleston	990.4	+2	SW'S	5	b	44	85	Y	-	-	0	-	0	1
Valencia (Cahirciveen)	986.2	+3	SW	4	c/r	48	85	Y	2500	StCu	8	-	8	6
Roches Point	988.1	+4	W	4	b	50	85	8	2500	CuNb	2	-	2	6
Pembroke (St. Ann's H.)	988.2	+6	WSW	8	cPH	50	85	Y	2500	Nb	Y	-	Y	Y
Ross-on-Wye	989.8	+4	SW'W	2	o/p	49	85	Y	2500	Nb	9	-	9	*
Leafield	991.4	+3	SW	3	orr	44	92	6	2500	Nb	9	-	9	*
Andover	992.9	+4	SW'S	4	c+	49	85	8	2500	StCu	8	-	8	*
S. Farnborough	993.0	+4	WSW	6	b+	50	85	Y	5700	StCu	3	-	3	*
London (Kew Obsy.)	993.0	+4	SSW	4	b	51	95	8	4000	St	1	-	1	*
Croydon	993.2	+3	WSW	5	b-	51	95	8	2500	Cu	1	-	1	*
Clacton-on-Sea	991.9	+4	SSW	4	b	51	85	Y	4000	CuNb	3	-	3	4
Shoeburyness	993.3	+4	SW'S	6	b	51	95	Y	-	-	0	-	0	*
Grain	993.8	+4	SSW	5	b	51	95	8	5700	St	1	-	1	0
Lympne	994.8	+4	WSW	5	bc	49	85	Y	1500	CuNb	6	-	6	*
Scilly (St. Mary's)	993.8	+4	W	Y	b	53	85	8	4000	Cu	3	-	3	6
Falmouth (Pendennis)	994.4	+4	W	6	bc+	52	95	Y	5700	Cu	3	-	3	0
Plymouth (Cattewater)	994.4	+4	W	6	b-	53	95	Y	2500	StCu	1	-	1	4
Portland Bill	992.3	+4	WSW	8	c-	55	95	Y	4000	CuNb	8	-	8	Y
Southampton (Calshot)	994.5	+6	WSW	6	bc	54	95	Y	2500	CuNb	5	-	5	4
Dungeness	994.3	+5	WSW	6	bcT	55	85	8	4000	Nb	6	-	6	Y
Guernsey	998.3	+6	W	Y	bc+	54	85	8	4000	CuNb	6	-	6	6

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 23rd-24th °F.	Temperature. Max. Day. 24th °F.	Rainfall.† Night 17h.-9h. 23rd-24th mm.	Rainfall.† Day 9h.-17h. 24th mm.	Sunshine.	Sunshine. Sunrise to Sunset. 24th hr.
Montrose	bcb	bbcz	41	50	6	-		7.2
Berwick-on-Tweed	rbc	bb	39	51	9	-		8.8
Llandudno	bccd	pcbc	45	53	3	1		3.8
Colwyn Bay	cp	co	43	53	3	1		4.0
Rhyl	bc	crbc	40	53	1	1		5.3
Southport	cbc	bc	42	53	3	1		3.3
Blackpool	cp	cp	46	54	3	2		3.3
Ilkley	bpbcc	bepcc	41	53	3	2		5.4
Harrogate	b	bcpr	39	51	3	2		6.3
Skegness	bc	cocb	42	55	0.4	trace		5.9
Aberystwyth	ror	o	44	55	6	2		2.0
Bath	bcb	prhcb	44	57	0.5	1		6.5
Leamington Spa	bc	cp	41	53	0.4	2		4.4
Lowestoft	ocb	bbcb	44	55	-	-		4.8
Felixstowe	ob	b	46	56	-	-		6.8
Southend	b	bc	45	58	1	-		7.3
Ilfracombe	cbcp	bcp	47	55	8	1		5.3
Bude	rocbc	pobc	48	56	6	0.1		7.4
Torquay	p	p	46	57	6	1		7.3
Weymouth	bbch	bcc	48	59	3	0.6		6.7
Bournemouth	pp	bbc	46	57	6	1		7.6
Portsmouth (S'thsea)	bb	bbcp	48	57	7	1		7.5
Littlehampton	bcc	bcocp	47	57	6	0.6		6.9
Worthing	bbc	bcco	47	57	9	-		6.3
Brighton	bbcb	prbro	47	57	11	1		6.4
Eastbourne	bc	bccro	47	57	12	2		5.5
Hastings	bbcroh	caPRHo	47	57	9	5		5.1
Folkestone	oabc	phoc	46	58	11	2		5.1
Dover	bcbbc	bcpoq	48	57	11	2		5.2
Tunbridge Wells	b	opbcp	43	57	3	1		7.0
Ramsgate	bc	crbc	45	57	5	0.2		6.4
Margate	ob	b	46	58	5	-		6.8
Deal	orbc	bcc	47	57	5	trace		6.3

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.22618 FRIDAY, 26th OCTOBER 1923.

STATIONS. (For heights see p. 4).	13h Barom. at M.S.L. mb.	13h Change in 3 Hours.‡	13h Wind Direc.	13h Wind Force 0-12	13h Weather.	13h Temp. °F.	13h Humidity. %	13h Visibility.§ 0-9	13h Cloud Low Height Feet	13h Cloud Low Form	13h Cloud Low Amt. 0-10	13h Upper Form.	13h Total Amt. 0-10	State of ground.	18h Barom. at M.S.L. mb.	18h Change in 3 Hours.‡	18h Wind Direc.	18h Wind Force 0-12	18h Weather.	18h Temp. °F.	18h Humidity. %	18h Visibility.§ 0-9	18h Cloud Low Height Feet	18h Cloud Low Form	18h Cloud Low Amt. 0-10	18h Upper Form.	18h Total Amt. 0-10	Sea. 0-9
	Observations at 1300 G.M.T. 25th														Observations at 1800 G.M.T. 25th													
Lerwick	978·9	+3	–	0	c+	47	75	8	5700	StCu	6	ACu	8	·	981·5	+3	–	0	bc	45	92	8	5700	StCu	3	ASt	5	0
Stornoway	977·7	+3	SSW	2	bcp₀	49	85	7	4000	Cu	6	–	6	·	978·5	+1	–	0	bc	42	97	7	4000	Cu	6	–	6	0
Wick	978·3	+3	WSW	2	c	48	85	8	4000	Cu	3	Ci	7	·	980·4	+3	SSW	1	c	45	85	8	5700	StCu	6	CiSt	8	0
Castlebay	978·6	+2	SW	4	opr₀	49	92	8	1500	St	10	–	10	·	978·5	0	SSW	3	opr₀	50	97	8	1500	CuNb	10	–	10	3
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	980·0	*	–	0	c+	42	85	8	1500	St	8	·	8	*
Aberdeen	980·6	+3	SW	3	bc-	53	65	8	2500	StCu	5	–	5	1	982·7	+3	SSW	2	o	47	85	6	2500	StCu	10	–	10	0
Malin Head	979·0	+1	SSW	5	bc/r	51	92	8	4000	Cu	2	ACu	4	·	981·5	+3	SW	5	o/r	48	85	7	4000	Nb	7	AC	9	4
Renfrew	982·9	+3	WSW	5	ojp	49	75	7	1500	Nb	10	–	10	2	984·4	+3	WSW	4	or	48	85	6	1500	Nb	10	·	10	·
Edinburgh (Inchkeith)	982·1	+5	SW	3	c-	51	85	8	*	Cu	4	ACu	8	·	983·6	+4	SW	4	bc/r	48	97	8	*	StCu	6	·	6	3
Leuchars	981·5	+4	WSW	4	bc/r	50	85	7	4000	CuNb	1	Ci	5	5	982·7	+2	SW	4	opg	47	85	7	1500	Nb	10	·	10	·
Eskdalemuir	983·3	+3	SW'S	6	bc/r	48	75	7	2500	Cu	5	–	5	2	986·7	+4	SW	6	or	44	92	7	800	Nb	10	·	10	·
Tynemouth	985·6	+3	W	3	bc	54	65	6	1500	CuNb	5	–	5	·	988·8	+2	WSW	4	bc/r	49	75	6	800	Cu	6	·	6	1
Blacksod Point	982·0	+2	W	6	opr₀	47	92	7	·	·	·	·	10	·	983·6	0	SW	7	o	49	75	7	*	*	*	*	10	9
Donaghadee	985·2	+2	SW	4	c+	50	85	8	800	St	9	–	9	·	987·0	+2	SSW	4	c+	47	85	8	800	St	8	–	8	4
Birr Castle	985·7	*	SW	3	oPR	49	75	7	4000	Nb	9	–	9	·	989·0	*	SW	2	b-	44	85	6	2500	Cu	3	·	3	·
Holyhead	989·5	+5	SW'S	6	c	53	75	8	1500	StCu	7	–	7	0	991·7	+4	SW'S	5	c/r	49	75	8	2500	Nb	8	–	8	4
Liverpool (Bidston)	989·8	+4	SW	5	bc	53	65	7	2500	CuNb	4	Ci	6	·	993·3	+4	SSW	5	od-	45	92	8	1500	St	10	·	10	5
Chester (Shotwick)	990·4	+5	W'S	6	bpr₀	54	65	8	4000	CuNb	3	–	3	1	993·4	+4	SW	2	or₀	46	92	6	1500	Nb	10	*	10	
Spurn Head	989·8	+4	SW	6	bc	53	75	7	4000	Cu	5	–	5	·	994·1	+6	SSW	5	b.	49	75	7	1500	St	1	–	1	3
Birmingham (Edgbaston)	993·7	+5	SW	6	bc	54	65	8	4000	Cu	5	–	5	1	996·8	+4	SSW	6	b/r	45	85	8	2500	Cu	3	–	3	·
Nottingham	992·4	+4	WSW	5	b-	56	65	8	1500	Cu	2	–	2	·	996·0	+4	SW	4	opr₀	50	75	6	1500	Nb	10	·	10	·
Cranwell	992·6	+6	SW'W	5	b+	53	85	8	2500	Nb	2	ACu	3	2	996·3	+3	SW	4	bc+	48	85	8	1500	Nb	4	·	4	·
Gorleston	995·6	+3	SW	5	c+	56	65	7	2500	Cu	8	–	8	·	1000·2	+2	SSW	3	b=	50	75	7	–	–	0	·	0	1
Valencia (Cahirciveen)	989·9	+3	SW	5	cph₀	50	75	8	2500	StCu	7	–	7	2	989·8	-1	S	4	bc+	45	85	8	2500	StCu	5	·	5	6
Roches Point	991·4	+4	WSW	5	b+	52	85	8	2500	CuNb	9	–	9	·	992·2	+1	WSW	4	c+	50	85	8	2500	CuNb	7	·	7	6
Pembroke (St. Ann's H.)	995·2	+4	SW	8	c	53	75	8	2500	Cu	8	–	8	·	996·0	+3	WSW	7	bc	51	75	8	2500	Cu	6	·	6	7
Ross-on-Wye	995·3	+4	SW'W	4	bctl	52	75	8	4000	CuNb	3	Ci	4	2	997·5	+2	SW	4	c+	47	85	8	4000	CuNb	8	·	8	·
Leafield	996·3	+4	SW	5	bc-	52	75	8	1500	CuNb	1	ASt	4	*	999·3	+3	SW	5	bc-	44	92	8	1500	CuNb	4	–	4	·
Andover	997·8	+6	SW	6	bc/r	56	65	8	2500	Cu	6	–	6	1	1000·9	+4	WSW	6	o/r	47	97	8	2500	CuNb	9	·	9	*
S. Farnborough	997·8	+3	SW	6	c	57	75	8	1500	Cu	7	ACu	8	0	1000·9	+2	WSW	5	or₀	49	97	6	800	Nb	9	–	9	·
London (Kew Obsy.)	998·1	+5	WSW	5	ojp	53	65	8	2500	CuNb	9	–	9	1	1000·8	+3	SSW	4	cr	53	75	8	2500	CuNb	7	–	7	·
Croydon	998·2	+5	WSW	5	c/r	55	65	7	2500	CuNb	8	–	8	2	1000·7	+3	SW'S	4	bc/r	51	75	7	2500	CuNb	4	–	4	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1000·4	+4	SW	3	b	51	85	7	1500	Cu	3	·	3	1
Shoeburyness	997·8	+2	WSW	4	c/r	57	75	7	4000	CuNb	2	ACu	7	·	1001·1	+4	SW	3	b	52	75	7	–	·	0	·	0	·
Grain	998·1	+3	SW	7	bc+	57	65	8	1500	StCu	5	–	5	1	1001·4	+3	SSW	5	b	52	75	7	·	·	0	AC	1	0
Lympne	999·6	+4	WSW	6	c	54	75	8	1500	St	7	ACu	8	2	1003·0	+3	WSW	4	bc/r	50	75	8	1500	Nb	6	–	6	·
Scilly (St. Mary's)	997·7	+4	WSW	6	c+	54	85	8	4000	StCu	7	–	7	·	999·2	+1	WSW	6	b-	52	85	8	4000	CuNb	2	·	2	6
Falmouth (Pendennis)	997·8	+3	W	6	bc	56	65	7	5700	Cu	5	–	5	·	999·3	+2	W	6	bc+	53	75	7	5700	Cu	3	·	3	1
Plymouth (Cattewater)	999·0	+4	WSW	8	bc+	56	65	7	2500	StCu	4	–	4	0	1000·2	+4	SW	8	bcjp	53	63	7	1500	CuNb	6	·	6	6
Portland Bill	997·9	+4	WSW	8	bc-	56	65	7	4000	CuNb	4	–	4	·	1000·8	+2	WSW	8	b/r	55	75	7	4000	CuNb	2	·	2	7
Southampton (Calshot)	999·1	+3*	WSW	6	bc	57	65	8	2500	CuNb	4	ACu	5	0	1001·8	+3	WNW	6	opH	55	75	7	800	Nb	10	·	10	4
Dungeness	999·7	+5	WSW	6	cr	55	92	8	4000	Cu	7	–	7	·	1002·0	+3	SW	6	bc=	54	92	8	5700	Cu	4	·	4	7
Guernsey	1002·8	+2	W'S	7	o	56	85	8	4000	Cu	4	ACu	10	·	1003·9	+2	W'S	7	bc	55	85	7	4000	Cu	4	·	4	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 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. 26th								Yesterday.		To-day.
Kew } 24 hours ended 0700	18	cbc/jp	ocp₀bc	opr/Rq	·	·	38	0·3	10	6·2	·	·
Croydon } 24 hours ended 0700	244	bcPoc	cbcpr	P bcRRq	·	·	38	·2	9	5·1	·	·
Greenwich (Royal Obsy.)	149	bbc	bcb	bor bcr	59	44	36	–	9	6·4	65	93
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	4·4	·	·
Westminster (St. James' Pk.)	27	·	·	·	58	44	41	·	11	6·3	60	84
Regent's Pk. (Botanic Gdns).	—	·	·	·	·	·	·	·	·	5·0	·	·
Camden Square	110	boc	cphtbc	·	58	44	41	1	11	·	·	95
Kensington Palace	80	bcp	bc	·	58	46	34	1	15	·	{At 18h 89}	93
Hampstead Observatory	450	·	·	·	56	45	34	3	8	5·9	·	66

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 25th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.
0·6	1800 24th	<0·3	0100 25th
0·4	0400 25th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 14 h. 45 m. to 26th 5 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 0	10 0	83
δ Ursae Minoris	12 0	9 52	82

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	–	–	–	–
19h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

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

26th & 27th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset G.M.T.
Yarmouth	6·39 / 6·41	11·34 / 11·34	4·35 / 4·33
Greenwich	6·40 / 6·42	11·44 / 11·44	4·44 / 4·42
Wick	7·14 / 7·14	11·56 / 11·56	4·37 / 4·35
Valencia	7·26 / 7·28	12·23 / 12·23	5·24 / 5·22

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

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

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

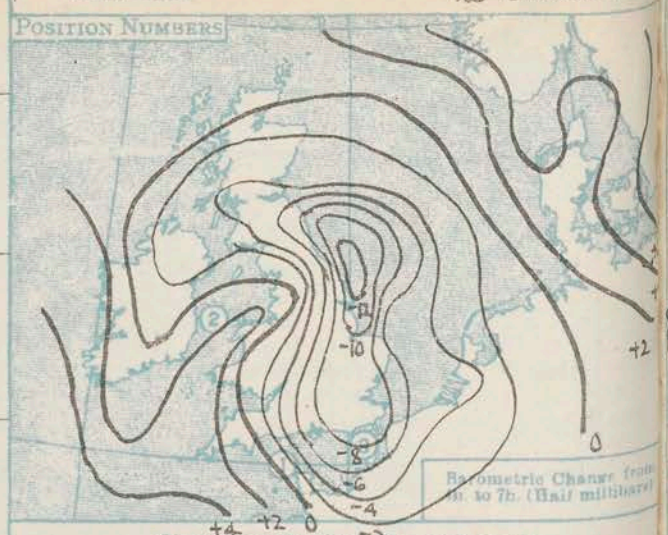
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

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

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 25th	13h.-18h. 25th	18h. 25th to 1h. 26th	1h.-7h. 26th	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 25th Hours.
Lerwick	be	c	c	cpr	51	40	.	-	Trace	-	0430	3.9
Stornoway	p	bc	c	cpr	51	40	.	1	4	-	-	3.0
Wick	c	c	c	c	50	45	.	-	-	-	-	.
Castlebay	c	op	op	opo	51	44	.	0.2	3	-	-	2.2
Nairn	bcq	bccq	clrq	cq	51	39	.	-	1	-	<2100	5.4
Aberdeen	cbc	c	ocom	oo	53	41	32	-	-	-	-	4.9
Malin Head	coPR	bcorr	cobcv	bcv	51	39	.	3	-	20800	-	2.2
Renfrew	oqRp	orq	corr	orqc	51	40	35	4	6	20800	<2100	1.4
Edinburgh (Inchkeith)	p	p	bc	c	52	44	42	0.1	0.4	15.30	0530	3.3
Leuchars	obcmcp	bccopr	ogo	oorm	51	40	24	0.4	2	12.30	0600	4.3
Eskdalemuir	oopbc	bccpopo	ropro	coR	50	38	34	3	16	09.00	<2100	3.4
Tynemouth	b-bcmmpq	mp	rr		54	43	40	Trace	2	13.30	<2100	.
Blacksod Point ...	p	horrh	h(rh)	p	51	41	.	4	5	-	-	.
Donaghadee	c	oqp	bc	bcp	51	41	.	0.1	1	15.30	0430	.
Birr Castle	coprc	copnr	bcco	oRR	52	38	18	2	1	20800	0600	3.4
Holyhead	bcc	cprq	cobcqir	rrkq	55	44	44	Trace	4	17.30	2400	3.8
Liverpool (Bidston) ...	bco	bbc	bcor		54	44	36	0.5	2	17.30	0330	4.4
Chester (Shotwick) ...	brcprq	bopgor RRR	oRcbc	bccorr	56	44	38	3	2	09.00	<2100	4.3
Spurn Head	c	bcb	c	corq	54	44	.	-	0.3	-	0630	8.2
Birmingham (Edgbaston)	cbc	bcor	bb	boR4	55	43	39	0.3	4	17.30	0430	3.6
Nottingham	cir	cp	b	cr	56	43	38	0.5	1	11.00	0330	3.3
Cranwell	bbccp	bbcbcbcbbc	cor		55	40	34	~~Trace~~ 1	4	11.00	0320	4.5
Gorleston	bbccq	cqb	bbc	bcqcq	54	44	39	-	-	-	-	6.5
Valencia (Cahirciveen)	cph	bbcph	bcpq	ocopc	52	43	34	2	3	11.00	<2100	4.0
Roches Point	cpo	cbcc	cp	cp	53	42	.	0.3	5	09.00	<2100	.
Pembroke (St. Ann's H.)	c	cqp	oqtlr	c	53	43	.	2	6	14.30	2200	3.9
Ross-on-Wye	Pcbccp	bccbrbc	bbc	coKRrr	54	46	41	4	15	20800	0230	2.6
Leafield	bcpq	bcopq	b	bcor	53	41	36	5	4	20800	0330	4.2
Andover	bccpr	bprbcp	cbcb	courR	57	41	30	~~5~~ 3	11	20800	0330	4.3
S. Farnborough ...	cbcc	rrqccopr	KQriRoc	KQrorc	58	45	39	2	12	20800	<2100	6.2
London (Kew Obsy.) ...	cbcqqpq	oqobcbcprhopbmoRorm			57	45	38	Trace	10	15.30	<2100	6.2
Croydon	bqPcc	cbcpr	bcPob	bokRq	57	45	38	2	9	09.00	<2100	5.1
Clacton-on-Sea ...	bcc	crlrcbc	bccpbc	bccoq	58	48	44	1	0.2	14.30	<2100	5.9
Shoeburyness	bopoPqc	c	bbc	corrtq	58	45	39	1	0.4	09.00	.	6.2
Grain	cjpbc	cbcbb	bbprc	coro	59	45	35	0.3	1	15.30	<2100	5.8
Lympne	bcqpr	cbcpr	bcpr	bccoq	~~49~~ 57	46	40	Trace	4	09.00	<2100	4.4
Scilly (St. Mary's) ...	bcqr	cqP	cpql	cpq	56	49	.	2	4	12.30	0230	4.0
Falmouth (Pendennis)	bc	bcp	bcqpr	cpqbc	56	48	.	0.1	4	14.30	2400	6.6
Plymouth (Cattewater)	cbbcq	bccpq	bcor	orbc	56	48	34	4	6	14.30	2400	6.0
Portland Bill	c	horrh	bbc	p	54	52	.	2	10	15.30	0230	.
Southampton (Calshot)	bcpqr	bccjp	oPRbbc	borroir	54	49	44	2	16	20800	<2100	5.4
Dungeness	pq	qp	pq	cq	56	53	.	1	0.6	20800	<2100	*
Guernsey	cycq	cbcqbcqbcbbc	oRq		54	49	.	.	4	-	0230	*



Observations from Cross Channel Steamers.

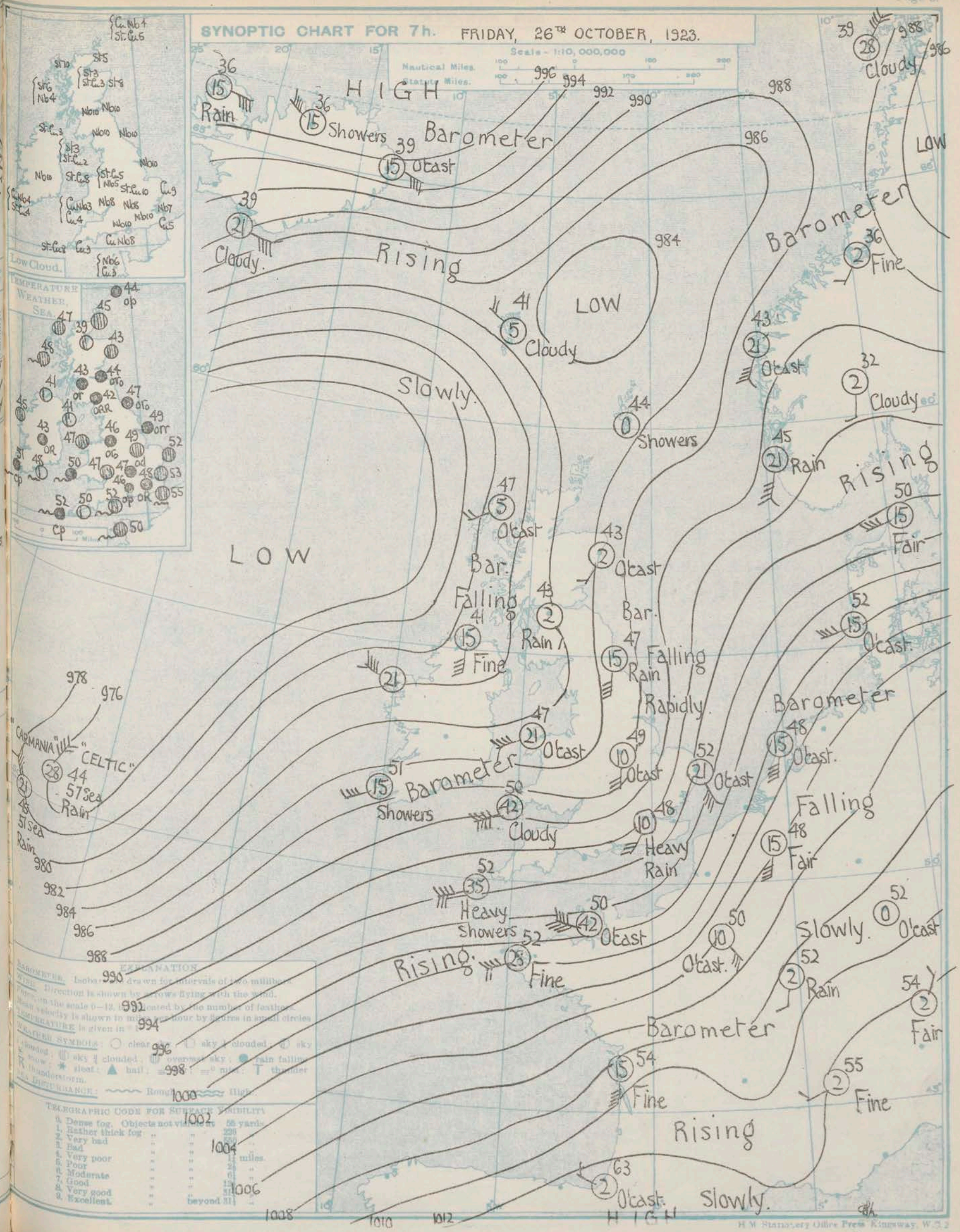
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Visibility.
2	25th 1010	"Scotia"	SW'S	6	bcq	53	54	5
1	. 1200	"Reindeer"	WSW	4	R	56	54	4
3	26th 0200	"Dieppe"	SW	6	bc+	54	54	4

GENERAL INFERENCE.

The depression off the Hebrides continues, and there are secondaries over eastern England and to the west of Ireland. Winds will be from S. and SW., a gale at times in exposed places in the South, with rain at times but bright intervals.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 26th October, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽ 3. E. Midlands 4. W. Midlands 5. S.W. England ▽ 6. South Wales ▽	Fresh to strong SW. wind, a gale at times in exposed places; rain at times, bright intervals; visibility mainly good; moderate temperature.	Unsettled. --- ▽ South Cone still flying.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Fresh to strong SW. wind; rain at times, bright intervals; visibility mainly good; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind S. to SW., moderate or fresh; varying amount of cloud, occasional rain; visibility mainly good; moderate to rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 10.	
19. S.E. Ireland ▽ 20. S.W. Ireland ▽	As 1 - 6.	

EXN



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. FRIDAY, 26th OCTOBER 1923. No. 299.

Observations at 0100 G.M.T. 26th

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	984.2	+1	-	0	bc	44	97	8	4000	Cu	2	Ci St	6
Stornoway	51	981.1	+1	-	0	b	*	*	5	*	*	*	*	*
Wick	81	982.5	+2	SW	3	c	44	97	8	4000	St Cu	5	Ci	7
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	982.9	0	S	5	b	42	97	9	-	-	0	Ci Cu	2
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	988.2	+4	WSW	4	bc	46	92	8	*	Cu*	3	Ci Cu	5
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	991.6	+1	SW	3	b/r	46	86	6	-	-	0	-	0
Blacksod Point	10	983.1	-2	SW	5	0	47	95	7	*	*	*	*	10
Donaghadee	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	989.8	-5	SSE	6	orr	48	92	7	1500	Nb	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	996.7	+3	S	5	bc	45	92	7	*	-	0	A Cu	5
Birmingham (Edgbaston)	565	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	237	993.1	0	SSW	4	c+	43	92	7	4000	St	2	A St	8
Gorleston	13	1001.7	+1	SW	3	b	45	92	7	-	-	0	-	0
Valencia (Cahirciveen)	30	986.8	-3	NW	5	bc/r	46	92	9	*	Cu	4	*	4
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	989.8	-6	SSW	7	orr	49	95	7	1500	Nb	10	-	10
Ross-on-Wye	293	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	556	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	297	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*
Croydon	244	1001.0	-4	SSW	2	b/r	45	85	7	2500	St Cu	1	-	1
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Sheerness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1002.7	-2	SW'W	6	bc	49	85	7	800	Cu Nb	6	-	6
Scilly (St. Mary's)	131	991.9	-6	W'S	6	c	49	97	8	4000	St Cu	7	-	7
Falmouth (Pendennis)	200	~~992.0~~ 991.1	-8	SW	8	OR-	54	85	6	4000	Nb	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	995.0	-6	SSW	7	bc+	55	85	7	4000	Cu Nb	6	-	6
Southampton (Calshot)	13	1000.2	-5	SSW	6	bc	54	95	8	4000	Cu	5	-	5
Dungeness	21	1002.7	+1	SW	6	c	55	85	8	5000	Cu Nb	8	-	8
Guernsey	—	1000.7	-6	S'E	8	c+	54	92	7	4000	Cu	8	-	8

Observations at 0700 G.M.T. 26th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	‡
Lerwick	985.9	+2	-	0	opr	44	94	7	4000	St Cu	9	-	9	0
Stornoway	980.5	0	SW	2	0	47	85	7	800	St	10	-	10	1
Wick	983.6	+1	SW	3	0	45	85	8	1500	St	5	Ci St	9	0
Castlebay	980.1	0	SE	5	0	48	85	8	1500	St	10	-	10	6
Nairn	983.1	*	-	0	bc/r	39	85	8	1500	St	6	-	6	*
Aberdeen	986.2	-2	SSW	1	0	43	92	5	1500	St	8	A St	10	0
Malin Head	980.3	-2	S	4	b	41	94	9	5000	St Cu	3	-	3	3
Renfrew	984.0	-4	SE	1	orr	43	92	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	983.4	-4	ESE	2	orr	44	94	7	*	Nb	10	-	10	1
Leuchars	984.4	-3	ESE	2	orr	44	94	6	1500	Nb	9	A St	10	*
Eskdalemuir	983.5	-7	SSW	2	ORR	42	94	6	225	Nb	10	-	10	*
Tynemouth	986.2	-12	S	4	orr	47	94	6	1500	Nb	10	-	10	2
Blacksod Point	981.3	+2	NW	5	0	45	85	7	*	*	*	*	10	5
Donaghadee	983.7	-3	W	2	bc+	41	92	8	800	St	5	-	5	2
Birr Castle	984.2	*	SW	2	ORR	43	94	5	1500	Nb	10	-	10	3
Holyhead	985.3	0	SW'W	5	0	47	85	9	1500	St Cu	8	Ci St	10	4
Liverpool (Bidston)	985.9	-3	SW	4	orr	46	94	7	1500	St Cu	10	-	10	5
Chester (Shotwick)	986.2	-6	SW	3	orr	47	85	7	2500	Nb	9	-	9	*
Spurn Head	988.4	-12	SSE	6	orr	49	94	6	2500	Nb	10	-	10	4
Birmingham (Edgbaston)	988.5	-6	S	5	orr	46	92	7	800	Nb	10	-	10	*
Nottingham	989.9	-8	S	3	o/r	49	85	7	1500	St Cu	10	-	10	*
Cranwell	989.0	-10	S	4	orr	46	94	6	800	Nb	10	-	10	*
Gorleston	995.9	-5	S'E	6	or	52	85	6	4000	Cu	9	-	9	4
Valencia (Cahirciveen)	986.1	+4	SW	4	cpr	51	95	8	1500	Cu Nb	8	-	8	6
Roches Point	987.0	0	WSW	4	c	48	94	8	2500	Cu Nb	7	Ci	7	6
Pembroke (St. Ann's H.)	988.7	+2	SW	8	c/r	50	60	8	1500	Cu	7	-	7	7
Ross-on-Wye	989.4	-2	SW	3	o/r	47	85	7	2500	Nb	8	A St	9	*
Leafield	989.9	-7	SW	3	ddz	47	94	8	1500	Nb	8	A St	10	*
Andover	991.7	-3	SW'S	4	0	48	92	8	800	St Cu	10	-	10	*
S. Farnborough	992.2	-6	SSW	6	or	46	94	7	800	Nb	10	-	10	*
London (Kew Obsy.)	992.2	-9	SSW	3	OR	48	85	6	800	Nb	10	-	10	*
Croydon	992.8	-7	SW'S	6	ORR	48	94	7	800	Nb	10	-	10	*
Clacton-on-Sea	996.5	-9	S	6	0	53	85	7	1500	Nb	7	A St	10	4
Sheerness	993.4	-10	SSW	8	orr	52	85	7	1500	St	10	-	10	*
Grain	993.6	-10	S	8	orr	52	85	7	1500	St	10	-	10	0
Lympne	993.5	-7	SSW	8	0	53	85	7	800	St	9	A St	10	*
Scilly (St. Mary's)	992.5	+1	WSW	7	cPR	52	85	7	4000	St Cu	8	-	8	7
Falmouth (Pendennis)	994.2	+3	W'S	6	b	50	95	8	5000	Cu	3	-	3	0
Plymouth (Cattewater)	993.5	+5	W	6	bc-	50	95	8	1500	St Cu	4	-	4	1
Portland Bill	992.8	-6	W	7	c/r	52	95	7	4000	Cu Nb	8	-	8	7
Southampton (Calshot)	992.9	-4	SW'W	6	orr	51	94	6	1500	Nb	10	-	10	5
Dungeness	996.2	-8	S	7	or	50	85	8	5000	Cu	4	Ci St	9	7
Guernsey	996.2	+1	W	8	o/r	50	92	8	2500	Nb	9	-	9	7

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 24h.-25h. °F.	Temperature. Max. Day. 25h. °F.	Rainfall.† Night 17h.-9h. 24h.-25h. mm.	Rainfall.† Day 9h.-17h. 25h. mm.	Sunshine.	Sunshine. Sunrise to Sunset. 25h. hr.
Montrose	bcmc	bcco	34	52	0·4	-		6·4
Berwick-on-Tweed	bcbbr	bcpr	40	52	0·1	0·1		6·7
Llandudno	bc	pbccp	48	54	1	3		6·0
Colwyn Bay	cp	bcp	47	55	1	1		5·5
Ekyl	bcbc	bcdr	44	57	0·3	-		6·3
Southport	cocb	bbc	46	55	3	-		5·7
Blackpool	c/r	cq	46	55	2	0·2		3·8
Ilkley	cpbcb	bpbbb	42	54	14	1		5·2
Harrogate	b	b	41	52	10	-		6·7
Skegness	bcb	b	45	56	Trace	-		7·0
Aberystwyth	rcc	b	47	54	10	-		4·0
Bath	cbprh	cbcbp	48	57	4	3		6·0
Leamington Spa	bc	cov	43	55	2	1		6·1
Lowestoft	b	b	47	58	-	-		7·7
Felixstowe	b	bcb	49	57	-	-		6·0
Southend	cpbc	bc	48	58	0·2	1		6·5
Ilfracombe	cbcp	cp	46	55	4	4		4·6
Bude	cbcbc	cpc'bc	50	56	3	2		5·3
Torquay	p	p	52	57	0·3	4		6·3
Weymouth	bcpb	bcpq	48	60	0·3	1		5·0
Bournemouth	rbbbc	bc	54	58	3	1		5·7
Portsmouth (S'thsea)	bbc	bbc	49	58	7	-		6·2
Littlehampton	bc	bcp	49	57	11	0·3		5·9
Worthing	bcb	cc	49	57	11	-		5·4
Brighton	bcbc	bbcoc	51	58	8	0·1		6·1
Eastbourne	bccrc	crcbc	49	59	11	1		3·6
Hastings	bcop	cobco	49	59	11	1		4·5
Folkestone	p	p	50	57	5	1		1
Dover	bcoz	bcdob	50	57	6	1		3·1
Tunbridge Wells	opc	bc	47	57	3	3		4·5
Ramsgate	bc	bcrbc	47	58	2	0·3		6·0
Margate	bccp	cbcb	48	59	1	1		6·0
Deal	cbc	bcc	48	58	4	-		4·8

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

AIR MINISTRY. StCu,5, -;9, 2,

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22619 SATURDAY, 24th OCTOBER ......1923.

STATIONS. (For heights see p.4).	1300 G.M.T. 26th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	1800 G.M.T. 26th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	987·2	+2	S	1	c+	49	85	7	4000	Cu	2	CiSt	8	•	987·6	0	SE	2	o	48	92	6	2500	St	4	ASt	10	1
Stornoway	981·7	+2	SSW	2	bc-	48	85	7	4000	Cu	8	-	8	•	983·4	+2	SSE	2	opr₀	48	92	7	800	St	10	•	10	1
Wick	983·0	-1	SE	3	orr	46	97	7	2500	Nb	10	-	10	•	984·4	+3	NW	2	orr	43	97	7	2500	Nb	10	•	10	0
Castlebay	981·0	+1	SSW	4	c/r	50	85	8	2500	CuNb	7	-	7	•	984·4	+5	W	3	bc-	49	92	8	2500	CuNb	5	-	5	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	985·9	*	-	0	c/r	40	92	8	1500	StCu	8	•	8	*
Aberdeen	980·8	-5	W	3	cr₀	46	85	7	2500	CuNb	7	-	7	1	986·2	+7	WSW	4	b	43	85	8	-	-	0	-	0	0
Malin Head	983·0	+2	SW	5	b	49	92	9	4000	Cu	1	CiCu	3	•	984·6	+2	SE	2	b	44	97	8	5700	StCu	1	CiCu	3	1
Renfrew	985·3	+3	SW	3	~~bc~~ o+	48	75	7	2500	~~Nb~~ StCu	~~5~~ 5	-	~~5~~ 9	2	989·0	+5	SW	1	c+	46	85	5	4000	StCu	7	-	7	•
Edinburgh (Inchkeith)	983·8	+3	WSW	4	bc/r	47	92	7	*	Cu	3	CiSt	4	•	988·9	+7	SW	4	b-	46	92	7	*	StCu	1	•	1	2
Leuchars	982·8	+2	W	4	c/r	49	85	8	2500	StCu	1	ACu	7	1	987·0	+6	WSW	3	b	45	92	7	4000	StCu	3	•	3	•
Eskdalemuir	985·5	+3	SW	6	bc	46	75	8	2500	StCu	4	CiCu	5	1	990·0	+6	SW	5	bc	43	85	7	1500	StCu	6	-	6	•
Tynemouth	987·1	+4	W	2	bc/r	51	75	6	1500	CuNb	5	-	5	•	990·8	+5	W	1	b/r	48	85	5	-	-	0	-	0	1
Blacksod Point	984·2	+4	WSW	5	bc	52	85	8	•	•	•	•	6	•	980·9	-4	E	5	o	50	75	7	*	*	*	*	10	5
Donaghadee	986·4	+2	WSW	3	c+	46	92	8	800	St	8	-	8	•	988·9	+2	SSW	3	bc+	47	92	8	800	St	6	•	6	3
Birr Castle	988·3	*	SE	2	cpr₀	52	85	8	4000	Nb	7	-	7	•	983·9	*	SE	2	oRR	47	85	5	800	Nb	10	-	10	•
Holyhead	989·9	+5	SW	5	c-	53	75	8	2500	Cu	1	CiSt	7	1	991·1	0	S	4	opr₀	52	85	8	1500	Nb	5	ASt	10	4
Liverpool (Bidston)	990·5	+4	SSW	2	c/r	48	85	8	2500	CuNb	4	Ci	7	•	993·8	+3	SW	3	bc/r	50	75	7	2500	StCu	4	-	4	4
Chester (Shotwick)	990·0	+2	WSW	6	c-	55	65	8	2500	StCu	2	Ci	7	1	993·9	+4	WSW	4	c+	51	75	7	2500	St	9	-	9	*
Spurn Head	991·1	+4	SW	5	c	50	75	7	4000	StCu	7	-	7	•	995·6	+5	SSW	4	bc	49	85	7	4000	Cu	6	-	6	2
Birmingham (Edgbaston)	993·1	+5	S	6	o/r	47	92	8	2500	CuNb	10	-	10	2	997·2	+3	S	4	bc	50	85	6	-	•	0	Ci	5	•
Nottingham	992·4	+4	SW	5	or-	50	75	8	1500	Nb	9	-	9	•	996·6	+6	SW	3	b-	50	85	7	2500	Nb	1	•	1	•
Cranwell	993·0	+7	SW	5	o	52	85	8	2500	StCu	9	-	9	2	997·1	+6	SW'S	4	bc+	50	92	7	4000	St	3	ACu	5	•
Gorleston	996·2	+4	WSW	4	b-	54	65	7	5700	Cu	2	-	2		1000·7	+2	SSW	3	b	50	75	7	-	•	0	-	0	4
Valencia (Cahirciveen)	986·3	-4	S'E	4	o	51	85	7	2500	St	2	ASt	10	2	973·3	+7	SE'S	7	orr	52	85	6	1500	St	10	•	10	6
Roches Point	990·3	+5	SW	3	o	53	85	7	1500	St	10	-	10		982·7	-15	S	6	orr	52	92	6	1500	Nb	10	•	10	6
Pembroke (St. Ann's H.)	994·9	+8	SW	7	c	54	75	8	4000	Cu	7	-	7	•	991·2	+3	S	7	o	53	75	8	1500	StCu	10	-	10	7
Ross-on-Wye	995·0	+5	SW'W	5	bc-	54	65	8	4000	Cu	4	-	4	2	996·7	+3	S	3	b-	51	75	7	-	•	0	ASt	1	•
Leafield	995·0	+2	SW	6	c+	52	75	8	2500	StCu	2	ACu	7	2	998·7	+8	S	4	b-	48	85	8	1500	CuNb	2	-	2	•
Andover	997·7	+5	WSW	6	c	56	65	8	2500	StCu	8	-	8	2	999·5	+2	SSW	4	b	50	85	8	2500	StCu	3	•	3	
S. Farnborough	997·4	+4	SW	6	c+	56	85	7	1500	CuNb	8	-	8	1	1000·7	+2	SW	4	b	51	92	7	1500	Cu	2	•	2	
London (Kew Obsy.)	997·7	+5	SW'S	5	o/r	55	75	8	2500	StCu	9	-	9	2	1000·8	+4	SSW	3	b-	53	75	6	-	-	0	•	0	
Croydon	998·4	+6	SW	5	or	53	75	8	1500	Nb	9	-	9	2	1001·2	+3	SW	3	b-	51	85	6	2500	St	1	-	1	
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·1	+5	SSW	4	b	53	85	7	2500	Cu	3	•	3	2
Shoeburyness	997·9	+7	SW	7	c	56	75	8	1500	Nb	7	-	7	•	1001·7	+5	SSW	6	b-	53	85	7	-	-	0	•	0	
Grain	998·9	+7	SW	6	bc-	56	65	8	4000	StCu	5	-	5	2	1002·8	+6	SSW	4	b-	53	75	8	4000	StCu	1	-	1	0
Lympne	999·1	+5	WSW	6	c+	55	65	8	2500	Cu	8	-	8	2	1003·0	+3	SW	4	b-	51	85	7	1500	St	3	•	3	
Scilly (St. Mary's)	996·8	+2	SSW	5	c	56	75	7	4000	StCu	4	CiCu	7	•	990·1	-8	SSE	7	o	54	92	6	4000	StCu	2	ASt	10	?
Falmouth (Pendennis)	997·1	+4	W'S	7	bc+	56	75	7	5700	Cu	5	-	5	•	999·2	-6	SSW	8	c+	54	85	7	4000	StCu	8	•	8	6
Plymouth (Cattewater)	998·5	+5	SW'W	6	b	55	75	7	2500	CuNb	1	CiSt	2	2	996·3	-5	S'W	8	ojp	55	75	7	2500	St	10	•	10	6
Portland Bill	997·5	+6	W	7	b-	56	75	7	4000	CuNb	3	-	3	•	998·7	0	SSW	7	oR	54	75	7	2500	Nb	10	-	10	7
Southampton (Calshot)	999·3	+4	WSW	6	bcjp	56	75	7	2500	CuNb	4	-	4	0	1000·9	0	SSW	5	c+	54	85	8	2500	StCu	7	Ci	8	4
Dungeness	999·9	+5	SW	7	bc-	57	97	8	5700	Cu	5	-	5	•	1002·3	+3	SW	6	b	56	85	8	-	-	0	•	0	7
Guernsey	1002·3	+3	W'S	8	bc	56	85	8	4000	Cu	4	Ci	5	•	1001·3	-3	S	7	bc	55	88	7	4000	Cu	2	Ci	6	7

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 0000 G.M.T. 24th)	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)
Kew (24 hours ended 0700)	18	bcoipo	ocbcm	bmcpr	•	•	44	3	3	5·2	•	•
Croydon (24 hours ended 0700)	244	orrbpo	pqbcb	bwory	•	•	44	3	5	5·7	•	•
Greenwich (Royal Obsy.)	149	obco	ob	bor	58	48	40	•	5	6·0	64	90
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	3·3	•	•
Westminster (St. James' Pk.)	27	•	•	•	58	50	47	3·5		5·4	87	81
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	3·8	•	•
Camden Square	110	othbco	cbc	•	58	48	45	-	4	•	•	89
Kensington Palace	80	bcorc	bc	•	58	52	42	0·5	4	•	(At 18h) 74	93
Hampstead Observatory	350	•	•	•	56	47	44	tr	4	4·5	•	93

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.
24 Hr. ended 1600 G.M.T. 26th

South Kensington Max.	Time.	Min.	Time.
1·0	1800 25th	<0·3	0300–0500 26th
1·3	0800 26th		

Kew Observatory Max.	Time.	Min.	Time.
0·4	1800 25th	<0·3	0200 26th
0·4	0700 26th		

POLE STAR RECORD at Greenwich Obsy.
Exposure from 26th 14 h. 45 m. to 27th 5 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 0		
δ Ursae Minoris	12 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.¹

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	—	—	—	—
18h.	-	-	-	-
01h.	-	-	-	-
07h.	—	—	—	—

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.
24th & 28th October 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·41 6·43	11·34 11·34	4·33 4·31
Greenwich	6·46 6·48	11·44 11·44	4·42 4·40
Wick	7·14 7·20	11·56 11·56	4·35 4·32
Valencia	7·28 7·30	12·25 12·25	5·22 5·20

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

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

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

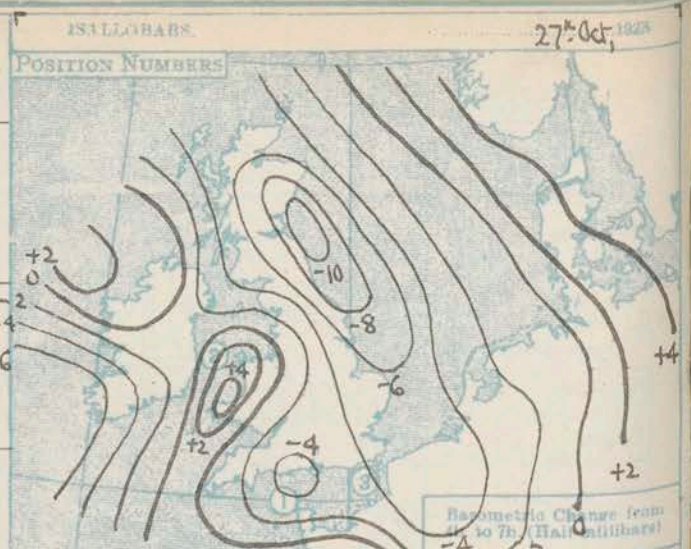
SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS	WEATHER. 7h.-13h. 26th	13h.-18h. 26th	18h. 26th to 1h. 27th	1h.-7h. 27th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 26th Hours.
Lerwick	bc	O	omd	omd	50	45	.	Trace	1	2080	2100	1·6
Stornoway	oo	C	c	bco	51	35	.	0·2	2	-	0530	4·2
Wick	opr	orr	orrbc	oo	47	36	.	7	0·5	11·00	2100	.
Castlebay	opc	copbc	bcop	oprr	51	48	.	0·2	8	-	-	3·5
Nairn	Ro	rrc	cbcgc	cdq	45	36	.	7	0·3	09·00	0430	0·2
Aberdeen	hrcpo	porcb	bbcx	corr	47	36	28	9	1	2080	0430	2·0
Malin Head	bcv	pbcv	bcorr	orrbc	52	44	.	Trace	6	15·30	2200	5·2
Renfrew	orrco	ocbbc	com	oiR	50	41	37	2	6	2080	2400	3·7
Edinburgh (Inchkeith)	rormbc	bcb	c	rorro	49	44	40	3	2	2080	2400	5·0
Leuchars	orrmc	bbcb	bbco	oRmmq	51	38	21	5	12	2080	0130	3·4
Eskdalemuir	ormobc	bccoPocb	bpoor	orr	47	41	38	3	19	2080	2100	2·6
Tynemouth	mp	mpo	bbcm	orqm	52	47	43	0·2	2	2080	0230	.
Blacksod Point	p	p	p	r	53	42	.	0·5	10	-	-	.
Doraghadee	cp	c	omr	cpq	52	47	.	0·4	15	2080	2100	.
Birr Castle	coprc	oRR	coprc	bc	53	40	34	2	6	2080	2100	3·8
Holyhead	ocbcpro	bcco	Rirq	Lrq	55	50	47	0·1	4	11·00	2100	4·7
Liverpool (Bidston)	bcop	c	r		53	46	43	2	3	12·30	0430	4·1
Chester (Shotwick)	orobcpro	cbcbq	orq	orrm	55	49	44	Trace	5	2080	2100	4·6
Spurn Head	p	cpoc	oo	orr	52	47	.	3	1	2080	0230	3·9
Birmingham (Edgbaston)	obcp	obc	bco	orr	55	47	41	0·4	11	2080	2400	3·1
Nottingham	opc	c		rR	55	48	42	0·4	3	11·00	2400	4·0
Cranwell	orcpb	cpobc	oo	oorr	53	44	38	1	0·5	2080	0530	4·3
Gorleston	orrcq	bcqb	bccq	oqprd	56	48	45	8	0·2	2080	0330	4·0
Valencia (Cahirciveen)	bccpo	or	bcpq	or	52	43	40	13	8	2080	2100	1·2
Roches Point	bcd	r-d	rro	orc	54	45	.	5	11	15·30	2100	.
Pembroke (St. Ann's H.)	cqp	p	p	p	54	47	.	1	4	2080	0230	2·9
Ross-on-Wye	PobcRbc	bccocb	bcoqor	RRrro	56	50	44	3	18	2080	2400	3·8
Leafield	cqpbc	cpbc	odq	orq	53	47	44	0·3	7	2080	0130	4·1
Andover	cpr	cbb	bbcc	corr	57	50	44	0·4	1·3	09·00	2400	5·7
S. Farnborough	ocprc	cbcb	bor	orqm	58	50	45	1	7	2080	2400	6·4
London (Kew Obsy.)	bcoipo	ocbcbm	bmcpo	oqrqpr	58	50	44	3	3	12·30	2400	5·2
Croydon	oRRbp	opqbcb	bwor	orrq	57	49	44	3	5	2080	2400	5·7
Clacton-on-Sea	oqrbc	bc	bc	bcc	56	51	48	3	-	2080	-	5·5
Shoeburyness	orrqcbc	cprqbcb	bbc	ccpro	57	46	37	4	0·3	2080	0330	5·6
Grain	orrc	bcpb	bbcc	cpbcp	56	49	41	5	0·6	2080	2200	5·1
Lympne	oqrc	bccpr	bbcpr	oq	56	50	46	8	0·1	2080	2100	4·8
Scilly (St. Mary's)	cpoq	coqm	omqr	obcmq	57	50	.	0·3	7	2080	2100	5·3
Falmouth (Pendennis)	bcqp	bcqco	omrq	mrqbc	56	50	.	Trace	7	09·00	2100	6·6
Plymouth (Cattewater)	bcopb	bo	or	or	58	51	37	0·3	10	2080	2200	4·5
Portland Bill	c	c	r	r	57	52	.	1	6	2080	2100	.
Southampton (Calshot)	b-bcq	b-bc	cor	orm	57	52	51	2	3	2080	2400	5·5
Dungeness	b-bcq	p	bcq	cq	58	54	.	8	-	2080	-	y
Guernsey	pcqbcq	bcbbcq	ddqq	irirq	57	50	.	0·1	13	14·30	2200	x.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	26th 1000	Scotia	SW'S	5	bcq	-	54	8
3	N' 0200	Arundel	S	6	b+	55	54	Y

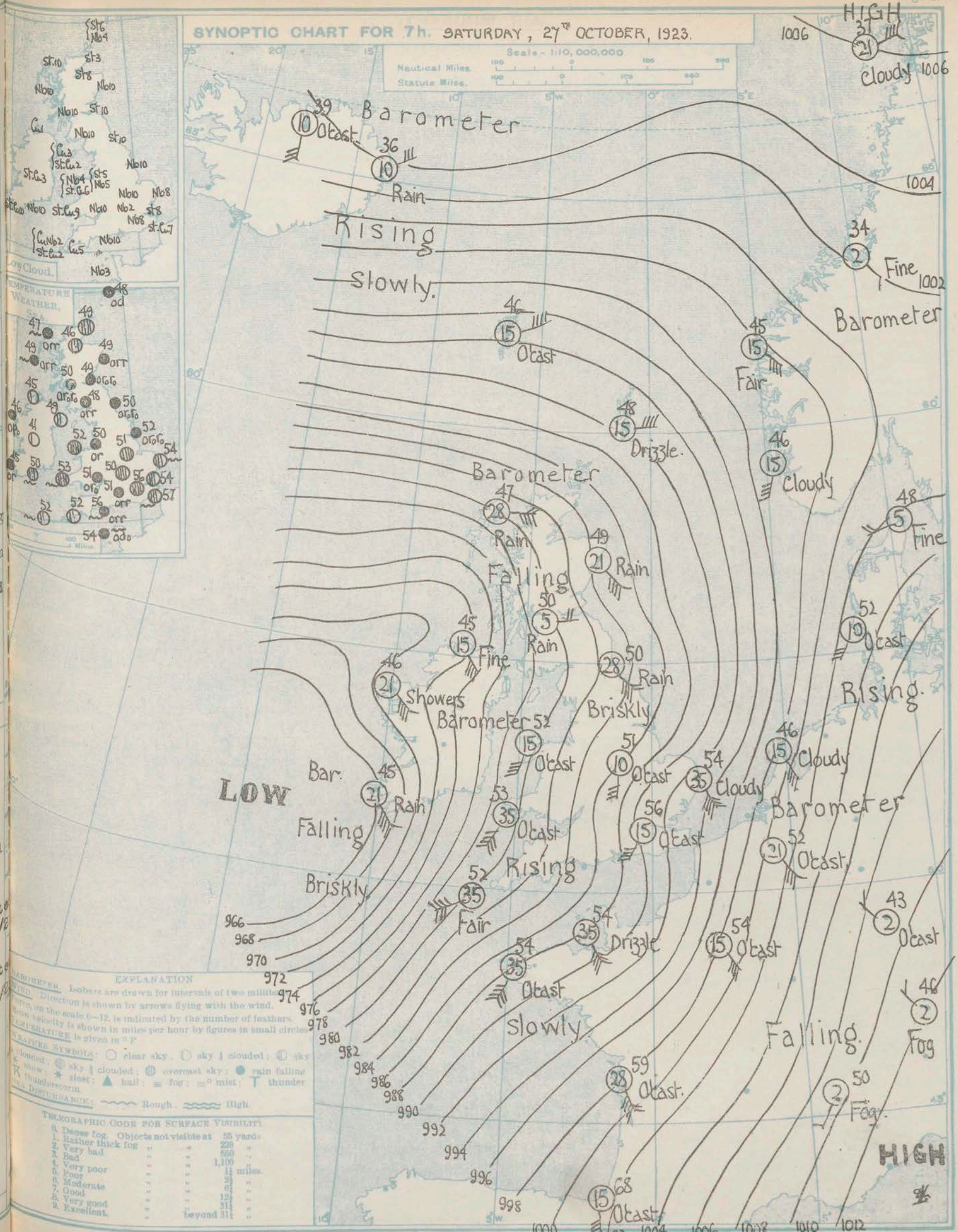
GENERAL INFERENCE.

The deep depression off the west coast of Ireland is now practically stationary, but secondary disturbances are passing northeastwards across the British Isles. Winds will be mainly from south and southeast, fresh to strong, a gale at times in exposed places, and the weather will be cloudy with intermittent rain but some fairer periods, except in the north of Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 27th October, 1923.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽ 3. E. Midlands 4. W. Midlands 5. S.W. England ▽ 6. South Wales ▽	Strong southerly wind, a gale at times in exposed places; much cloud, intermittent rain; some fairer periods; visibility moderate; rather mild.	Unsettled. ▽ South Cone still flying.
7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands 10. N.E. England ▲	Strong S. to S.E. winds a gale at times in exposed places; much cloud, intermittent rain; some fairer periods; visibility moderate; rather mild.	▼ South Cone hoisted 2000 GMT. 26/10/23 ▲ North Cone hoisted 0245 GMT. 27/10/23
11. E. Scotland ▲ 12. S.W. Scotland ▲ 13. Isle of Man ▼ 14. N. & N.W. Scotland ▲ 15. Hebrides ▲ 16. Orkneys and Shetlands ▲	Strong S.E. to E. winds; dull, intermittent rain; visibility moderate; rather mild.	
17. N.W. Ireland ▲ 18. N.E. Ireland ▲	Wind S.E., strong at times; mainly cloudy, intermittent rain; visibility moderate; moderate temperature.	
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. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR 7h. SATURDAY, 27TH OCTOBER, 1923.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Cloudy
Barometer
Rising
Slowly.
Fine
Barometer
Fair
Drizzle.
Cloudy
Barometer
Rain
Falling
Rain
Fine
Showers
Barometer
Briskly
Rain
Fine
Rising.
Cloudy
Barometer
LOW
Bar.
Falling
Rain
Briskly
Fair
Rising
Drizzle
Slowly
Falling.
Fog
Fog.
HIGH
Low Cloud.
Temperature
Weather.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0—12, is indicated by the number of feathers.
Mean 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; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
0. Dense fog. Objects not visible at 55 yards
1. 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, 27 OCTOBER 1923. No. 300.

Stations.	Height above M.S.L. in feet	Observations at 0100 G.M.T. 27th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 27th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	
Lerwick	54	990·2	+2	E	5	od₀	48	92	7	4000	Nb	10	-	10	990·6	0	E	4	od₀	48	97	6	2500	St	10	-	10	3
Stornoway	51	988·4	+3	SE	1	b	*	*	5	*	*	*	*	*	980·1	-5	E	6	o/r	47	92	6	450	St	10	-	10	6
Wick	81	988·9	+4	NW	1	bc	39	92	8	4000	Cu	1	Ci St	4	985·4	-5	ESE	3	0	49	92	8	800	St	3	Ci St	10	3
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*	973·3	-6	NNE	6	o/r	49	97	6	800	Nb	10	-	10	7
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	980·4	*	ENE	2	c	46	92	8	1500	St	8	-	8	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	984·3	-7	SE	5	o/r	49	97	6	800	Nb	10	-	10	4
Malin Head	71	975·8	-12	ESE	7	o/r	51	97	7	4000	Nb	5	a·St	10	971·3	+1	SSE	4	b/r	45	92	9	3700	Cu	1	a·Cu	2	3
Renfrew	28	*	*	*	*	*	*	*	*	*	*	*	*	*	978·1	-6	E	2	o/r₀	50	92	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	190	989·5	-1	ESE	3	o/r₀	47	97	7	-	Nb	10	-	10	980·9	-6	ESE	3	o/r₀	49	97	7	-	St	10	-	10	1
Leuchars	36	*	*	*	*	*	*	*	*	*	*	*	*	*	980·6	-10	ESE	6	oRR	50	92	6	450	Nb	10	-	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	979·5	-5	SSE	4	o/r	48	97	7	1500	Nb	10	-	10	*
Tynemouth	118	992·8	-2	S	3	o/r	48	92	6	-	-	0	a·St	10	983·5	-8	SE	6	o/r₀	50	97	6	800	St	10	-	10	*
Blacksod Point	10	1010·5	-3	SE	4	o/r₀	49	92	7	*	*	*	*	10	970·4	+2	SE	5	opr₀	46	85	7	*	*	*	*	10	5
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*	978·9	-3	SW	3	bc-	49	92	8	1500	Cu	5	-	5	4
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*	973·2	*	SE	1	b-	41	97	6	2500	St Cu	3	-	3	*
Holyhead	28	979·6	-13	SE	7	o/r₀	54	85	8	2500	Nb	10	-	10	978·6	+2	S'W	4	0	52	75	8	1500	St Cu	10	-	10	3
Liverpool (Bidston)	180	*	*	*	*	*	*	*	*	*	*	*	*	*	981·5	0	S'E	3	o/r	50	97	5	2500	Nb	10	-	10	4
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	980·9	0	S'W	3	o/r	51	97	6	1500	Nb	10	-	10	*
Spurn Head	26	994·1	-4	SSE	6	0	49	97	7	-	-	0	a·St	10	983·8	-6	SE	7	o/r₀	52	92	7	2500	Nb	10	-	10	4
Birmingham (Edgbaston)	625	*	*	*	*	*	*	*	*	*	*	*	*	*	984·3	-1	SSE	4	o/r	49	92	8	1500	St	10	-	10	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*	984·8	-4	S	3	o/r	51	92	8	2500	Nb	10	-	10	*
Cranwell	237	993·5	-6	SSE	5	0	48	97	6	2500	St	5	a·St	10	985·2	-8	S'E	6	o/r	52	97	7	800	Nb	10	-	10	6
Gorleston	13	999·9	-2	S	5	c+	52	85	7	-	-	0	a·St	8	993·2	-3	S'E	7	c/r	54	85	6	4000	Nb	8	-	8	
Valencia (Cahirciveen)	30	971·6	-1	SSW?	6	bc/r	46	85	8	-	Cu Nb	5	-	5	965·0	-7	SSE	5	o/r-	45	85	6	225	St Cu	10	-	10	6
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*	971·8	-4	S	6	c-	50	85	8	800	St Cu	7	-	7	7
Pembroke (St. Ann's H.)	149	978·9	-5	S	8	o/r	49	92	7	1500	St	10	-	10	979·9	+4	SSW	7	0	53	75	8	1500	St Cu	9	-	9	*
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	983·4	-1	S'E	4	o/r₀	51	85	7	2500	Nb	10	-	10	*
Leafield	558	*	*	*	*	*	*	*	*	*	*	*	*	*	986·7	+1	S	5	o/r	50	85	8	1500	Nb	2	a·St	10	
Andover	395	*	*	*	*	*	*	*	*	*	*	*	*	*	987·6	-2	S	5	o/r	50	97	7	800	Nb	10	-	10	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*	989·3	0	SSW	4	o/r	51	97	6	800	Nb	10	-	10	*
London (Kew Obsy.)	18	*	*	*	*	*	52	*	*	*	*	*	*	*	989·1	-3	S'E	4	o/r	56	85	7	1500	Nb	8	a·St	10	*
Croydon	244	996·1	-7	S	4	o/r₀	52	85	7	1500	Nb	10	-	10	989·8	-4	S'W	4	o/r	54	92	8	1500	St	5	a·St	10	
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	992·2	-5	SE	5	c+	54	92	7	1500	St	8	-	8	2
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	991·6	-4	SW	5	cpr₀	56	75	8	1500	Nb	6	Ci St	7	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*	991·6	-4	S'E	5	opr₀	56	85	7	1500	Nb	6	a·Cu	9	*
Lympne	350	998·4	-6	S'W	7	0	53	85	7	1500	St Cu	10	-	10	992·6	-5	S'W	6	0	55	75	7	2500	St	9	-	9	
Scilly (St. Mary's)	131	982·2	-3	SSW	5	o/r	54	92	6	4000	St Cu	10	-	10	980·9	0	SW	7	bc	52	75	6	4000	Cu Nb	4	-	4	7
Falmouth (Pendennis)	200	981·7	-5	SW	7	oR	55	92	6	4000	Nb	10	-	10	982·9	-1	SW'W	7	bc/r	52	65	8	5700	Cu	5	-	5	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	983·7	0	SSW	5	0	52	92	7	1500	St	4	a·St	10	4
Portland Bill	19	990·8	-6	S	8	o/r	56	85	7	2500	Nb	10	-	10	985·1	-4	S	8	o/r	56	75	7	2500	Nb	10	-	10	7
Southampton (Calshot)	12	993·5	-8	S	7	o+	55	85	8	800	Nb	10	-	10	988·8	0	SSW	6	o/r	53	92	6	800	Nb	10	-	10	4
Dungeness	21	998·1	-5	S	5	o+	55	85	8	5700	St Cu	10	-	10	992·1	-5	S	7	c	57	85	8	5700	St Cu	7	-	7	7
Guernsey		991·6	-6	S	9	od₀	56	92	6	1500	St	10	-	10	988·0	-4	S'E	7	od₀	54	92	8	4000	Nb	3	a·St	10	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 25th-26th	Temperature. Max. Day. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26	Sunshine.	Sunshine. Sunrise to Sunset. 26th
			°F.	°F.	mm.	mm.		hr.
Montrose	oRmc	cbc	40	46	6	9		2·1
Berwick-on-Tweed	pro	prbcb	41	53	1	0·2		2·8
Llandudno	bccr	bcc	45	54	11	1		4·7
Colwyn Bay	cp	c	45	53	12	1		5·0
Rhyl	rcbc	bc	44	56	3	2		5·1
Southport	cbcb	corbcblc	43	53	2	1		4·3
Blackpool	co	rc	44	53	1	1		4·0
Ilkley	cpbcp	bcp'lb	42	52	3	2		1·6
Harrogate	bpr	bpr	40	50	5	1		3·3
Skegness	c	cb	44	53	3	0·2		3·2
Aberystwyth	poc	b	47	55	8	-		3·7
Bath	bbcco	ocbcb	47	58	5	Trace		3·4
Leamington Spa	cpc	c	41	56	4	0·1		4·5
Lowestoft	rocbc	bcbcb	45	49	3	2		4·2
Felixstowe	orbc	bbc	47	56	5	0·3		4·7
Southend	ocbc	bcb	46	57	5	-		5·8
Ilfracombe	oc	cp	46	56	5	0·2		3·6
Bude	lpbc	bccp	47	57	3	1		3·8
Torquay	b	bcco	47	57	12	0·1		5·3
Weymouth	bp	bc	48	59	12	1		5·1
Bournemouth	b	b	46	58	9	-		4·5
Portsmouth (S'thsea)	bcp	bcb	47	58	9	1		5·6
Littlehampton	bcpbc	bc	43	57	8	-		6·9
Worthing	bbc	bc	48	57	9	-		5·8
Brighton	rrobc	bbbc	49	57	5	1		4·6
Eastbourne	cbc	cpcbc	47	58	8	0·2		3·5
Hastings	Rhocp	obcco	47	57	13	1		3·3
Folkestone	rc	c	47	57	16	-		3·2
Dover	oqcbc	bbccq	49	57	9	1		3·9
Tunbridge Wells	bc	coc	44	56	10	-		3·8
Ramsgate	rbc	bc	45	57	7	0·4		0·0
Margate	opbc	b	46	58	5	0·2		5·9
Deal	orqr	bc	45	56	17	Trace		5·6

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22620 Sunday, 28th October 1923.

Observations at 1300 G.M.T. 27th

Stations (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	990.3	-4	SE'E	6	orot	49	97	5	4000	Nb	10	-	10	•
Stornoway	976.1	-4	-	0	o/r	47	92	7	800	St	10	-	10	•
Wick	978.8	-8	SSE	6	orr	50	97	6	1500	Nb	10	-	10	•
Castlebay	975.4	+1	ESE	5	bc	50	85	8	2500	StCu	6	-	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	981.8	+2	SW	3	orr	47	92	6	1500	Nb	10	-	10	2
Malin Head	972.9	0	SE	4	bc	51	85	9	5700	Cu	1	CiCu	4	•
Renfrew	979.1	0	SE	2	cpr₀	50	85	7	1500	StCu	8	-	8	2
Edinburgh (Inchkeith)	980.7	+1	S	2	o/r	48	85	8	-	Cu	1	ASt	9	•
Leuchars	980.3	+3	SE	2	o/r	47	85	8	4000	St	1	ASt	10	2
Eskdalemuir	980.5	0	SE	4	ot	46	85	7	2500	StCu	9	-	9	2
Tynemouth	~~[illegible]~~ 984.6	+3	ENE	1	or₀	47	97	6	800	Nb	10	-	10	•
Blacksod Point	969.2	-1	E	5	o	48	85	8	•	•	•	•	10	•
Donaghadee	977.0	-1	SSE	3	bct	51	75	8	800	St	6	-	6	•
Birr Castle	965.2	*	SE	3	oR	46	92	6	1500	Nb	10	-	10	•
Holyhead	976.8	-3	SSE	6	bc	54	65	8	2500	Cu	6	-	6	1
Liverpool (Bidston)	980.9	+1	SE	4	b/r	50	75	7	2500	StCu	3	-	3	•
Chester (Shotwick)	981.5	-1	SE	4	c	53	75	7	2500	Cu	8	-	8	1
Spurn Head	987.5	+1	SW	6	or-	50	92	7	1500	CuNb	7	ASt	10	•
Birmingham (Edgbaston)	985.3	+1	SSE	5	bcjp	51	75	8	2500	Nb	3	ASt	6	2
Nottingham	986.1	+3	S	3	c-	51	85	7	2500	Nb	5	ACu	8	•
Cranwell	987.5	+3	SSW	3	o/r	49	97	8	1500	StCu	9	ACu	10	2
Gorleston	991.9	-1	S'E	6	c	54	75	6	2500	Nb	8	-	8	•
Valencia (Cahirciveen)	967.1	+8	WSW	4	o/r	49	85	7	1500	St	9	-	9	*
Roches Point	966.1	-2	WSW	7	orr	49	92	6	800	Nb	10	-	10	•
Pembroke (St. Ann's H.)	974.3	-7	SSW	9	orr	49	97	6	1500	Nb	10	-	10	•
Ross-on-Wye	984.8	-2	SSW	6	b-	55	65	8	4000	Cu	2	CiCu	3	2-
Leafield	987.3	+1	S	6	o/r	51	85	8	4000	Nb	4	ASt	9	*
Andover	989.1	+2	SSW	6	o/r	53	75	7	800	St	10	-	10	2
S. Farnborough	990.4	+4	SSW	5	o/r	54	85	6	1500	Cu	8	ASt	10	2
London (Kew Obsy.)	990.9	+4	SSW	4	o/r	56	75	8	1500	StCu	5	ACu	9	2
Croydon	991.6	+5	SW'S	4	o/r	54	85	7	2500	StCu	1	ASt	10	2
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	992.0	+1	SSW	7	c-	59	75	8	1500	Cu	4	Ci	6	•
Grain	991.7	+2	SSW	6	c	59	75	7	1500	CuNb	6	ACu	7	1
Lympne	993.4	+2	WSW	6	o/r	57	75	8	2500	StCu	9	ASt	10	1
Scilly (St. Mary's)	979.0	-3	SW	8	cPR	50	97	6	4000	CuNb	8	-	8	•
Falmouth (Pendennis)	980.6	-2	SW	10	ot	54	65	7	2500	StCu	10	-	10	•
Plymouth (Cattewater)	984.5	0	SW'S	9	c	55	65	7	1500	St	7	CiCu	8	1
Portland Bill	987.9	0	S	8	c/r	55	65	7	4000	CuNb	8	-	8	•
Southampton (Calshot)	990.6	+4	SSW	8	o	56	75	7	2500	St	6	ASt	10	2
Dungeness	992.8	+1	SW	6	c	58	85	8	5700	StCu	7	-	7	•
Guernsey	991.4	+1	S'W	8	ct	56	75	8	4000	Cu	2	ASt	7	•

Observations at 1800 G.M.T. 27th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	985.3	-5	SE	8	or-	50	97	5	4000	Nb	10	-	10	7
Stornoway	976.5	0	-	0	b-	40	97	8	4000	Cu	2	-	2	6
Wick	980.3	+2	SSE	5	o	48	92	9	5700	StCu	7	CiSt	10	6
Castlebay	975.2	0	ENE	5	ct	51	85	8	2500	St	8	-	8	6
Nairn	979.3	*	-	0	bc-	42	85	8	4000	Cu	4	-	4	•
Aberdeen	982.6	+2	S	4	c	48	85	6	4000	StCu	7	-	7	4
Malin Head	968.8	-4	E'S	5	orr	47	97	7	4000	Nb	8	ACu	9	4
Renfrew	977.1	-4	E	3	or₀	49	75	4	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	978.0	+1	SE	3	or₀	48	92	7	-	Nb	5	ASt	10	2
Leuchars	980.8	+1	ESE	3	ct	47	85	6	4000	St	5	ACu	7	•
Eskdalemuir	978.9	-2	SE	6	o/r	47	75	7	1500	StCu	9	-	9	•
Tynemouth	984.9	0	SSE	3	c	50	92	7	2500	Cu	8	-	8	4
Blacksod Point	970.5	+4	NW	4	o	47	85	7	•	•	10	•	10	5
Donaghadee	970.2	-7	SSE	5	o	50	85	7	800	St	10	-	10	6
Birr Castle	970.1	*	SW	2	oR	46	92	5	1500	Nb	10	-	10	•
Holyhead	974.0	-2	S'E	6	o	52	65	7	1500	Cu	10	-	10	7
Liverpool (Bidston)	979.8	+2	SSE	6	o/r	49	75	6	2500	StCu	10	-	10	7
Chester (Shotwick)	980.4	0	SSE	6	orr	49	85	7	1500	St	9	-	9	
Spurn Head	987.4	0	SSE	6	bc-	52	75	8	2500	Cu	6	-	6	6
Birmingham (Edgbaston)	984.[illegible]	0	SSE	6	or₀	52	75	8	4000	Nb	10	-	10	•
Nottingham	986.2	0	SW	5	bc	52	75	7	-	-	0	CiSt	6	•
Cranwell	987.2	+1	S	6	bc-	49	92	8	2500	StCu	5	-	5	•
Gorleston	990.9	+2	S	4	c-	54	75	7	4000	Cu	7	-	7	4
Valencia (Cahirciveen)	971.6	+2	SW	5	or₀	51	85	6	1500	St	10	-	10	6
Roches Point	973.9	+9	WSW	4	ot	50	97	8	1500	StCu	9	-	9	5
Pembroke (St. Ann's H.)	979.0	+3	SW	9	oR	52	85	7	1500	Nb	10	-	10	7
Ross-on-Wye	984.8	+1	S'W	7	or-	52	75	8	2500	Nb	10	-	10	•
Leafield	988.4	+1	S	6	o/r	51	75	8	4000	St	6	ASt	10	•
Andover	990.3	+2	SSW	6	o/r	53	75	8	1500	StCu	10	-	10	*
S. Farnborough	991.6	+1	SSW	7	o	53	75	7	1500	Cu	8	ASt	9	•
London (Kew Obsy.)	992.2	+2	SSW	5	b-	54	65	7	1500	Cu	1	ACu	2	•
Croydon	992.8	+2	SSW	4	o	53	75	6	2500	St	4	ASt	10	•
Clacton-on-Sea	994.1	+2	SSE	5	bc	54	85	7	1500	Nb	2	ASt	5	4
Shoeburyness	994.0	+4	S	2	b-	53	85	8	4000	StCu	1	-	1	*
Grain	994.2	+3	SSW	5	bc-	54	75	8	4000	StCu	2	Ci	4	0
Lympne	995.5	+2	WSW	5	c	54	75	7	4000	StCu	5	ACu	8	•
Scilly (St. Mary's)	984.8	+6	SW'W	8	bcPR	52	92	7	4000	CuNb	6	-	6	8
Falmouth (Pendennis)	984.0	+4	SW	8	cpr₀	53	85	7	4000	CuNb	8	-	8	1
Plymouth (Cattewater)	986.8	+4	SW	9	or₀	51	97	7	800	St	9	-	9	6
Portland Bill	989.8	+2	SW	8	c	56	65	7	4000	StCu	8	-	8	8
Southampton (Calshot)	991.3	+2	SSW	8	c-	56	75	7	4000	Cu	5	ASt	7	7
Dungeness	995.2	+3	SSW	6	c-	57	85	8	4000	Nb	8	-	8	7
Guernsey	993.8	+4	SSW	9	c	55	85	6	4000	Cu	8	-	8	7

London Observations (24 Hours ended 0900 G.M.T. 28th)

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew (24 hours ended 0700)	18	oro	ocbcb	bcdgc	•	•	44	3	0.1	1.1	•	•
Croydon (24 hours ended 0700)	244	orrr,p	ocog	objbo	•	•	45	3	-	0.8	•	•
Greenwich (Royal Obsy.)	149	or	o	bcbo	60	50	42	1	-	1.0	70	85
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.6	•	•
Westminster (St. James' Pk.)	27	•	•	•	59	52	48		1	1.1	94	66
Regent's Pk. (Botanic Gdns).	—	•	•	•	•	•	•	•	•	0.8	•	•
Camden Square	110			•	58	51	45	1		•	•	
Kensington Palace	80	or bc	bcc	•	59	51	45	1	-	•	(At 18h) 60	84
Hampstead Observatory	450	•	•	•	56	48	43	2		1.1	•	

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 27th

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Pole Star Record at Greenwich Obsy.

Exposure from 27th 17 h. 30 m. to 28th 06 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.30	8.55	71
δ Ursae Minoris	12.30	8.42	70

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=[illegible] 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, not a continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 28th & 29th October, 1923.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.43 6.44	11.54 11.54	4.31 4.30
Greenwich	6.48 6.49	11.44 11.44	4.40 4.09
Wick	7.20 7.22	11.56 11.56	4.32 4.30
Valencia	7.30 7.31	12.25 12.25	5.20 5.19

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_0 = slight rain.
rr = continuous rain.

SYMBOLS.

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

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

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

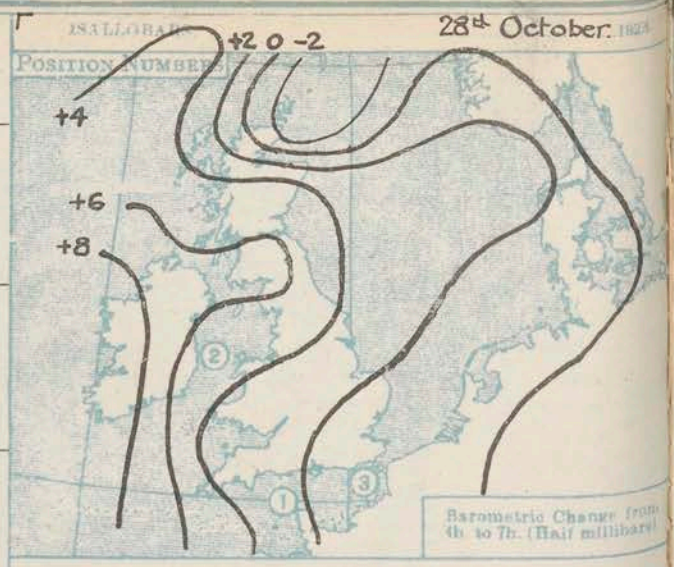
Sea Disturbance.

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24th	WEATHER. 13h.-18h. 24th	WEATHER. 18h. 24th to 1h. 25th	WEATHER. 1h.-7h. 25th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began	SUN. 24th Hours.
Lerwick	oq	omrq	oq	ompr	50	44	•	8	4	1230	<2100	0.0
Stornoway	rord	c	c	bc	50	38	•	14	-	-	-	0.3
Wick	omrrc	orrov	oo	RR	50	44	•	7	8	0900	0530	•
Castlebay	rr.o.c	c.o	opr	opbc	51	46	•	1	2	-	-	6.2
Nairn	crorog	c.bc	cpq	bcq	50	41	•	1	0.2	<0800	<2100	0.5
Aberdeen	rrorr	irocm	copro	oirR	51	46	43	11	9	<0800	2200	0.1
Malin Head	bcv.	bc.orr	cobc U	bcco	52	43	•	1	1	1530	0630	5.4
Renfrew	orpo	c.oirm	oirc	coirq	51	43	42	3	1	<0800	<2100	1.0
Edinburgh (Inchkeith)	rorr.o.	c	p	oirc	52	46	43	0.1	Trace	<0800	2400	1.4
Leuchars	oir	o.c.bcm	opro	oro	51	44	34	2	3	<0800	<2100	1.2
Eskdalemuir	oirc.o	o.c.bcorc	otlir	oiro	48	42	42	5	14	<0800	<2100	1.4
Tynemouth	oirm	ooq	pq	bbcq	53	44	45	3	0.1	<0800	<2100	•
Blacksod Point ...	p	p	p	p	52	39	•	1	6	-	*	•
Donaghadee	co	omqr	oqp	c	54	39	•	3	1	1230	<2100	•
Birr Castle	oiR	oiR	oiR	co	49	39	33	6	3	<0800	<2100	1.5
Holyhead	PRbcq	Prthirq	FireRim	oo	54	43	46	6	15	0900	<2100	4.2
Liverpool (Bidston) ...	r.o.c.bc	opq	rd		53	44	41	10	8	<0800	0130	3.9
Chester (Shotwick) ...	orr.omc	bc.crq	oRRckq	cr	55	45	41	4	10	<0800	<2100	3.1
Spurn Head	orc.up	cp.o.c	coob	c	56	40	•	0.3	-	<0800	-	0.0
Birmingham (Edgbaston)	oRr.bc	orc	ocbc	co	53	48	46	2	0.2	0900	<2100	0.8b
Nottingham	oopor	c	c	c	55	49	45	2	-	1100	-	1.5
Cranwell	?oq	oo	oo	oc	56	45	40	4	-	<0800	-	0.4
Gorleston	cq.o.cq	cq	bcb	bbcco	59	51	44	—	-	-	-	0.0
Valencia (Cahirciveen)	orc.o.	op	oo	opoc	51	44	43	3	2	<0800	<2100	1.6
Roches Point	rr.cr	rrc.o	opbc	opb	52	44	•	4	2	0900	<2100	•
Pembroke (St. Ann's H.)	oq.rr	oq.rr	oqpr	oop	54	48	•	9	3	1230	<2100	2.4
Ross-on-Wye	Rcqbcq	b.bc.oqrc	irqbcq	bbcodc	55	49	45	4	2	<0800	<2100	2.4
Leafield	oiRq.	orq	pbcq	bqbc	52	45	43	6	0.3	-	2200	0.0
Andover	irr.R.o	o.c.opr	opro	oc	53	44	42	2	1	<0800	<2100	0.0
S. Farnborough ...	oirq	oo	oc	bqb	57	50	44	1	Trace	<0800	-	1.5
London (Kew Obsy.) ...	orr.o	o.c.bc.b	boqoqcb	boac	54	51	44	3	0.1	1100	2200	1.1
Croydon	orrrop	o.c.oz	obq	bo	58	50	45	3	-	<0800	-	0.8
Clacton-on-Sea ...	cp.c.o	o.c.bc	bc	bccq	57	52	50	0.1	-	<0800	-	1.1
Shoeburyness	op.r.bc.	p	bbcco	o	61	50	46	Trace	0.2	1530	-	1.0
Grain	oirc	cp.c.bc	bcbbc	bcbco	60	51	41	1	-	1530	-	2.2
Lympne	orr.o	odc.o	ocbc	bcco	57	50	46	0.2	-	1330	-	0.0
Scilly (St. Mary's) ...	cmqp	cmqp	bcq	bcpqo	55	50	•	2	0.2	0900	<2100	3.8
Falmouth (Pendennis)	bc.om	omc.op	copb	bbc	55	50	•	1	2	1430	<2100	3.8
Plymouth (Cattewater)	op.b.bc	c.or	orb	boro	56	51	41	0.3	1	0900	<2100	2.2
Portland Bill	p	c	c	c	54	53	•	8	Trace	<0800	2200	•
Southampton (Calshot)	oir.oq	o.cq	ocqp	oo	56	53	51	1	Trace	<0800	2400	0.5
Dungeness	p	pqr	c	oo	59	54	•	1	-	1100	-	*
Guernsey	orcq	cq.cq	cbcc	c	54	50	•	0.4	-	<0800	-	*



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility.
2	24th 1200	—	S	4	bc	53	54	8
1	" "	REINDEER	SW	8	R.	56	54	6
3	25th 0200	DIEPPE	SW	4	o⊕	55	54	4
2	" 1000	HIBERNIA	W	4	bv	51	54	9

GENERAL INFERENCE.

The depression over northern Scotland is filling up and moving away northeastwards. Weather will be mainly fair with some local showers at first but a fresh disturbance approaching Ireland from the West will probably renew generally unsettled conditions later.

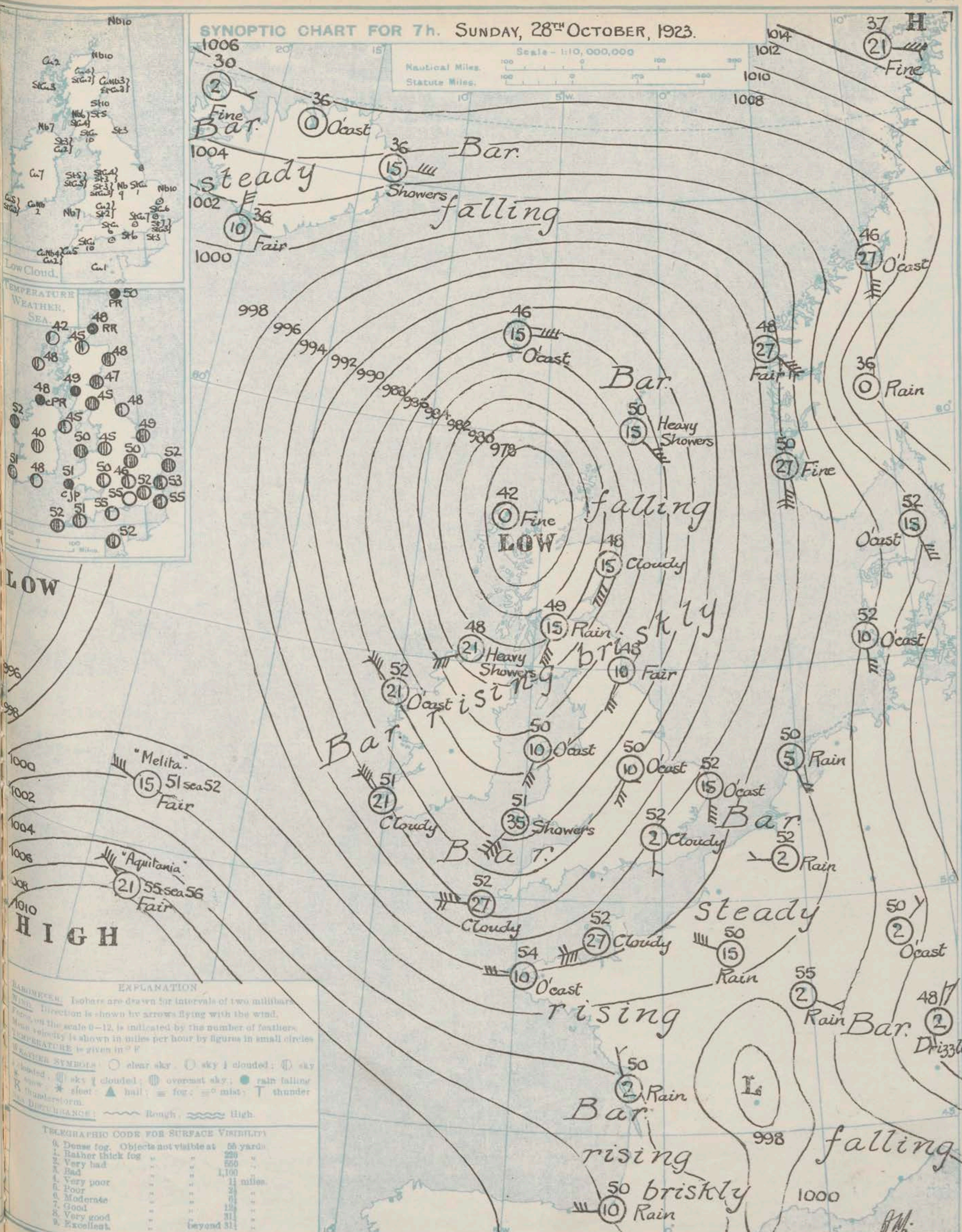
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 28th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind southwesterly or westerly, moderate; mainly fair; some showers; visibility moderate to good; moderate temperature.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind westerly, moderate, increasing from S.W. later; mainly fair with showers at first, probably rain later; visibility moderate to good; moderate temperature.	Unsettled. ----
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 mainly S.W. to W., moderate; some showers; fair periods; visibility moderate to good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind westerly, moderate, backing towards S. and increasing; fair at first becoming dull with rain later; visibility moderate to good; moderate temperature.	

S.E.W.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page

SYNOPTIC CHART FOR 7h. SUNDAY, 28TH OCTOBER, 1923.



EXPLANATION

BAROMETER: Isobars are drawn for intervals of two millibars.
WIND: Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.
WEATHER SYMBOLS: ○ clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; ● rain falling; * snow; sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; K thunderstorm.
SEA 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	"	6¼	"
7. Good	"	12½	"
8. Very good	"	31¼	"
9. Excellent		beyond 31¼	"

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Sunday, 28th October 1923. No. 301.

Observations at 0100 G.M.T. 28th

STATIONS.	Height above M.S.L. in Feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	988.5	+2	SE	4	o	49	92	Y	2500	St	5	A St	10
Stornoway	51	999.9	-1	-	0	b	*	*	5	*	*	*	*	*
Wick	81	999.0	-3	SSE	5	c	50	92	8	5400	Cu	2	C St	8
Castlebay	37	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	71	992.8	+6	NW	4	bc	49	92	8	4000	Cu Nb	4	C Cu	5
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	100	998.8	0	S	3	or	48	92	9	*	Cu Nb	2	A St	9
Leuchars	30	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	118	982.4	0	SW	3	b	52	85	Y	-	-	0	-	0
Blacksod Point	10	981.6	+3	NW	4	c	45	92	Y	*	*	*	*	8
Donaghadee	35	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	981.5	+6	SW	5	o/r	49	85	8	1500	St Cu	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	26	988.6	+2	S	6	b	50	92	Y	-	-	0	Cu	3
Birmingham (Edgbaston)	525	*	*	*	*	*	*	*	*	*	*	*	*	*
Nottingham	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	257	990.1	+1	SW	5	bc	51	92	8	4000	St Cu	4	-	4
Gorleston	13	996.3	+1	S	5	b	52	85	Y	-	-	0	C Cu	2
Valencia (Cahirciveen)	30	985.5	+8	NW	5	o	52	92	9	*	Cu	9	-	9
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	149	984.6	+4	SSW	9	c/p	53	85	8	1500	Nb	8	-	8
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	558	*	*	*	*	*	*	*	*	*	*	*	*	*
Andover	297	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	53	*	*	*	*	*	*	*
Croydon	244	995.3	+1	SW	4	b	51	85	Y	-	-	0	A Cu	1
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	20	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	994.4	+2	WSW	5	bc	52	85	Y	-	-	0	A Cu	6
Scilly (St. Mary's)	131	990.1	+5	WSW	6	bc	53	85	Y	4000	St Cu	3	C Cu	5
Falmouth (Pendennis)	200	990.5	+5	W'S	5	b/r	52	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	19	992.1	+4	SW	Y	c	55	95	Y	4000	Cu Nb	8	-	8
Southampton (Calshot)	12	994.2	+2	SW	6	c	53	85	Y	2500	Cu	5	C St	9
Dungeness	21	994.5	+1	SSW	6	o	55	85	8	4000	Nb	10	-	10
Guernsey		996.1	+1	SW	6	o	53	85	8	-	-	0	A St	10

Observations at 0700 G.M.T. 28th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	986.4	-2	SE	4	oPR	50	94	6	4000	Nb	10	-	10	3
Stornoway	999.9	?	-	0	b	42	94	Y	4000	Cu	2	-	2	0
Wick	998.0	-2	SSE	3	oRR	48	94	Y	2500	Nb	10	-	10	3
Castlebay	980.0	+3	WNW	3	bc	48	92	8	4000	St Cu	3	A St	6	3
Nairn	998.4	*	-	0	bc	45	95	8	4000	Cu	6	-	6	*
Aberdeen	982.1	+5	SSW	4	bc	48	92	Y	1500	St Cu	6	-	6	3
Malin Head	983.3	+6	WSW	5	cPR	48	92	8	4000	Nb	7 8	C Cu	8	4
Renfrew	981.2	+5	SSW	4	or	49	85	Y	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	981.8	+6	SSW	4	c/r	49	92	8	*	St	5	C St	8	2
Leuchars	981.8	+4	S	3	o/r	46	85	8	2500	St	10	-	10	*
Eskdalemuir	985.4	+4	SW	5	o/r	45	85	Y	1500	St Cu	10	-	10	*
Tynemouth	987.4	+5	SSW	3	bc	48	85	Y	800	St	3	A St	6	4
Blacksod Point	988.4	+4	NW	5	o	52	95	6	*	*	*	*	9	5
Donaghadee	985.1	+6	WSW	3	bc	45	92	8	800	St	5	-	5	3
Birr Castle	988.8	*	WSW	1	c	40	92	6	2500	Cu	4	-	4	*
Holyhead	984.9	+5	SW	3	o	50	85	8	1500	St	10	-	10	3
Liverpool (Bidston)	984.4	+6	SSE	3	c/r	45	92	8	2500	St Cu	4	-	4	3
Chester (Shotwick)	984.4	+4	SE	1	c/r	45	92	8	2500	St	8	-	8	*
Spurn Head	992.1	+3	SSE	5	c	49	92	8	-	-	0	A St	4	4
Birmingham (Edgbaston)	992.4	+3	S	6	or	49	85	8	1500	Nb	10	-	10	*
Nottingham	992.4	+2	SSW	3	o+	50	85	8	1500	Nb	9	-	9	*
Cranwell	992.3	+3	S	4	bc	49	94	Y	4000	St Cu	1	A Cu	5	*
Gorleston	994.0	+1	S	4	o+	52	92	6	1500	Nb	10	-	10	1
Valencia (Cahirciveen)	994.6	+9	NW	5	c	51	95	Y	1500	Cu	4	-	4	6
Roches Point	992.1	+8	W	4	b	48	94	8	2500	Cu Nb	2	-	2	5
Pembroke (St. Ann's H.)	989.8	+3	SW	4	c/p	51	92	8	2500	Nb	4	-	4	4
Ross-on-Wye	992.4	+3	S'W	4	bc	50	85	Y	1500	Cu	4	-	4	*
Leafield	994.4	+4	S	4	bc+	46	85	8	-	-	0	A St	5	*
Andover	995.1	+1	SW	4	bc	48	92	8	2500	St Cu	6	-	6	*
S. Farnborough	995.0	+1	SW	4	b	55	94	Y	-	-	0	-	0	*
London (Kew Obsy.)	996.2	+1	S	2	c	52	85	Y	2500	St Cu	4	A St	8	*
Croydon	996.1	+1	SW	3	o+	51	85	8	1500	St	3	A St	10	*
Clacton-on-Sea	996.8	0	SSE	3	o	53	94	Y	-	-	0	A St	10	1
Shoeburyness	994.1	0	S	2	o	52	85	Y	5400	St Cu	6	C	9	*
Grain	994.4	+1	S	3	o	53	85	Y	-	-	0	A St	9	0
Lympne	994.9	0	SW	4	o	52	85	8	800	St	10	-	10	*
Scilly (St. Mary's)	993.6	+4	W	6	bc+	52	92	Y	4000	Cu Nb	6	-	6	4
Falmouth (Pendennis)	993.3	+3	W	5	bc+	51	85	Y	5400	Cu	5	-	5	1
Plymouth (Cattewater)	994.0	+4	W'S	4	o	52	85	Y	1500	St Cu	10	-	10	0
Portland Bill	995.3	+2	SW	5	b	53	95	Y	-	-	0	A Cu	2	4
Southampton (Calshot)	995.4	+1	SW'S	4	o	54	85	Y	4000	St	6	C St	10	4
Dungeness	994.1	0	SSW	4	c	53	85	Y	1500	St	3	A St	4	5
Guernsey	994.4	+3	W'S	6	bc+	52	92	8	4000	Cu	1	A Cu	6	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24h Oct.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 26th-27th °F.	Temperature. Max. Day. 24th °F.	Rainfall.† Night 17h.-9h. 26th-27th mm.	Rainfall.† Day 9h.-17h. 24th mm.	Sunshine.	Sunshine. Sunrise to Sunset 24th hr.
Montrose	orm c	c.bcm	37	51	9	2		0.7
Berwick-on-Tweed	rpr o r	r.bc.c	45	52	2	4		1.0
Llandudno	c.bc	bcp.cp	47	56	11	3		4.7
Colwyn Bay	cp	pc	47	55	15	2		4.4
Rhyl	o.c.bc	bcr.c	46	56	9	2		3.7
Southport	m.o.c.bc	bc.c o p.c	47	54	7	1		3.2
Blackpool	or.c.	or.c	46	53	9	1		3.1
Ilkley	c.bc.	oo	45	54	10	2		2.5
Harrogate	o	o	44	54	9	4		1.4
Skegness	r.o.	o.c.b	48	56	1	1		1.2
Aberystwyth	c.b	o	49	55	12	-		3.7
Bath	op	o.c.bc	51	56	14	1		2.2
Leamington Spa	or.c.b	c.bp	47	54	9	1		0.9
Lowestoft	o	o	49	59	-	-		0.3
Felixstowe	o.c.	o.cq	51	58	-	-		0.6
Southend	opq	bq	48	60	7	1		1.4

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 26th-27th °F.	Temperature. Max. Day. 24th °F.	Rainfall.† Night 17h.-9h. 26th-27th mm.	Rainfall.† Day 9h.-17h. 24th mm.	Sunshine.	Sunshine. Sunrise to Sunset 24th hr.
Ilfracombe	c bc	c.op.c.	49	56	11	2		3.1
Bude	rp.bc	rp bc	48	56	7	1		4.4
Torquay	c.o bc	bc.c.o	50	57	16	0.1		2.8
Weymouth	o	oq	50	57	5	-		0.1
Bournemouth	o	o	50	56	5	1		0.0
Portsmouth (S'thsea)	op.	bc.ou	52	57	5	1		1.4
Littlehampton	bcp.	bc.	53	56	3	-		0.5
Worthing	o.bc.c	c.bc	53	57	4	-		0.4
Brighton	r.o.c	o	53	58	2	-		0.0
Eastbourne	or.bc	c	54	59	0.4	0.1		0.1
Hastings	o.c.bc c	od.c.o	54	58	0.4	0.1		0.0
Folkestone	o	o	48	58	1	1		0.0
Dover	c.or.c	c.bcr.c	53	59	Trace	1		0.1
Tunbridge Wells	or.o	c.op.o.c	51	57	4	2		0.1
Ramsgate	c.cr	bc	51	60	0.1	-		2.1
Margate	o.c.o	c.o	51	62	-	-		1.7
Deal	op.c	bsc	52	60	1	1		0.2

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22621 Monday 29th October 1923. Page 1.

Observations at 1300 G.M.T. 28th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	986·8	+1	SSE	4	o/r	50	92	6	2500	StCu	9	-	9	·
Stornoway	984·1	+6	W	2	c+	53	85	8	4000	CuNb	7	-	7	·
Wick	984·1	+8	SSW	4	bc	51	85	8	5700	StCu	4	CiSt	6	·
Castlebay	986·0	+5	NW	1	c-	51	85	8	4000	CuNb	7	-	7	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	987·6	+5	SW	3	b	51	85	7	1500	Cu	2	-	2	2
Malin Head	985·5	+1	WSW	5	oD	49	97	7	4000	Nb	8	A·St	10	·
Renfrew	989·1	+4	WSW	4	opr₀	49	85	7	1500	Nb	10	-	10	2
Edinburgh (Inchkeith)	988·6	+6	SW	3	bc	50	85	8	·	Cu	3	A·Cu	6	·
Leuchars	988·7	+8	SW	4	opr₀	50	85	7	2500	StCu	9	-	9	1
Eskdalemuir	990·3	+3	SW'S	4	c-	49	75	7	2500	StCu	8	-	8	2
Tynemouth	991·7	+2	SW	3	bc	55	75	6	1500	CuNb	5	-	5	·
Blacksod Point	993·7	+5	WNW	6	o+	52	85	7	·	·	·	·	9	·
Donaghadee	991·1	+5	WSW	3	c-	49	85	8	800	StCu	3	CiSt	8	·
Birr Castle	995·4	-	WSW	2	cpr₀	51	75	8	4000	Cu	8	-	8	·
Holyhead	993·7	+6	WSW	4	o+	51	75	8	2500	StCu	9	-	9	2
Liverpool (Bidston)	993·4	+4	SW	3	c/r	50	92	8	1500	Cu	8	-	8	·
Chester (Shotwick)	992·8	+2	SSW	4	o	54	65	8	2500	StCu	9	-	9	2
Spurn Head	994·6	+2	S	4	bc	50	75	7	4000	StCu	6	-	6	·
Birmingham (Edgbaston)	994·9	+3	SSW	4	bc	55	75	8	2500	Cu	4	-	4	1
Nottingham	993·8	+1	SSW	4	o	55	75	7	1500	StCu	8	A·Cu	9	·
Cranwell	994·6	0	SSW	4	c	55	85	8	2500	StCu	8	-	8	1
Gorleston	999·4	0	S'W	4	o	55	75	6	4000	Cu	4	CiSt	10	·
Valencia (Cabirciveen)	1001·0	+4	W'N	5	o	52	75	8	2500	StCu	9	-	9	1
Roches Point	999·1	+6	WNW	4	cpr₀	52	85	8	4000	CuNb	7	-	7	·
Pembroke (St. Ann's H.)	997·4	+7	W	5	bc-	53	85	8	4000	Cu	5	-	5	·
Ross-on-Wye	995·9	+4	WSW	4	bc	56	65	9	4000	Cu	4	-	4	1
Leafield														
Andover	997·2	+2	SW	5	bc/r	54	75	8	2500	StCu	6	-	6	1
S. Farnborough	997·7	+2	SW	4	o/r	54	85	7	1500	Cu	9	-	9	1
London (Kew Obsy.)	998·0	+1	SSW	4	c	57	65	8	2300	CuNb	6	Ci	7	1
Croydon	998·1	+1	SSW	4	c	57	75	7	2500	StCu	6	CiSt	7	2
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	998·7	+1	SSW	2	o-	57	75	8	-	-	0	A·Cu	9	·
Grain	998·8	+2	SSW	4	o	57	65	8	2500	StCu	6	Ci	9	1
Lympne	999·5	+1	WSW	5	o-	56	75	7	2500	St	4	CiSt	9	2
Scilly (St. Mary's)	1000·7	+6	NW	5	bc·	55	85	7	4000	Cu	5	-	5	·
Falmouth (Pendennis)	999·8	+6	WNW	5	bc	54	75	8	5700	Cu	5	-	5	·
Plymouth (Cattewater)	999·3	+5	W	3	bcpr	53	85	8	2500	CuNb	5	-	5	2
Portland Bill	997·4	+4	WSW	5	bc+	56	75	7	4000	Cu	4	-	4	·
Southampton (Calshot)	998·5	+2	SW	5	bcjp	57	75	7	2500	Cu	6	-	6	0
Dungeness	999·9	+2	SW	5	bc-	56	75	8	4000	Cu	4	CiCu	6	·
Guernsey	1003·3	+3	W	5	cd₀	53	92	8	4000	CuNb	3	A·Cu	7	·

Observations at 1800 G.M.T. 28th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	988·6	+2	SSW	3	bc	49	92	7	2500	St	2	A·St	4	2
Stornoway	988·5	+5	W	1	o	46	97	7	800	Nb	9	-	9	0
Wick	987·7	+4	SW	3	b-	47	92	8	4000	Cu	2	A·Cu	3	1
Castlebay	990·7	+5	WNW	3	b-	49	85	8	4000	Cu	3	-	3	3
Nairn	990·2	·	-	0	bc-	45	85	8	4000	Cu	5	-	5	·
Aberdeen	991·0	+5	SSW	3	bc	49	85	7	2500	StCu	5	-	5	3
Malin Head	992·9	+12	WNW	6	bcPR	50	92	8	5700	CuNb	6	-	6	6
Renfrew	991·4	+3	SW	2	or₀	47	92	5	1500	Nb	9	-	9	·
Edinburgh (Inchkeith)	990·2	+4	SW	2	bc	48	92	7	·	St	3	A·Cu	4	0
Leuchars	991·1	+4	-	0	b	44	92	7	-	-	0	A·St	1	·
Eskdalemuir	992·9	+3	S	3	o/r	45	97	7	1500	St	10	·	10	·
Tynemouth	994·7	+2	SW	3	bc	49	85	6	800	St	3	A·Cu	6	3
Blacksod Point	998·6	+5	W	5	o	48	92	7	·	·	·	·	10	7
Donaghadee	993·2	+2	WSW	4	od₀	49	92	7	450	St	10	-	10	3
Birr Castle	1000·0	·	W	3	o+	48	85	5	1500	Cu	9	-	9	·
Holyhead	997·9	+5	SWW	5	o+	52	75	8	2500	StCu	9	-	9	4
Liverpool (Bidston)	997·4	+5	SW	3	b/r	47	92	7	4000	St	5	A·St	3	4
Chester (Shotwick)	997·8	+6	W	4	b·	48	85	7	4000	StCu	3	-	3	·
Spurn Head	997·5	+5	SW	3	c	50	92	7	2500	CuNb	7	-	7	2
Birmingham (Edgbaston)	1000·8	+7	WSW	4	o+	49	85	8	2500	St	9	-	9	·
Nottingham	999·4	+7	W	2	o+	49	75	7	1500	Nb	10	-	10	·
Cranwell	999·1	+7	WSW	3	b	47	92	7	2500	StCu	1	-	1	·
Gorleston	1001·2	+1	S	4	bc-	53	85	8	-	-	0	CiCu	4	1
Valencia (Cabirciveen)	1004·6	+4	W'N	4	bc	51	75	7	2500	StCu	5	A·St	6	3
Roches Point	1004·1	+8	W	1	b-	48	92	8	4000	StCu	3	-	3	1
Pembroke (St. Ann's H.)	1002·1	+6	W	5	bc	52	85	8	4000	Cu	6	-	6	5
Ross-on-Wye	1001·6	+7	SW	2	bc-	50	75	8	4000	StCu	4	-	4	·
Leafield	1001·2	+10	SW'W	3	bc+	49	85	8	-	-	0	Ci	5	·
Andover	1002·6	+9	WSW	4	b-	50	85	8	4000	StCu	3	-	3	·
S. Farnborough	1003·0	+7	WSW	2	o	48	97	7	4000	StCu	9	-	9	·
London (Kew Obsy.)	1003·0	+7	SSW	2	c-	53	85	6	2500	CuNb	6	CiSt	8	·
Croydon	1002·7	+6	SW'S	3	o+	52	85	6	2500	StCu	9	-	9	·
Clacton-on-Sea	1001·3	+5	SSW	3	bc	53	85	7	2500	Cu	5	-	5	1
Shoeburyness	1002·5	+7	SW	1	c	53	85	8	5700	StCu	7	-	7	·
Grain	1003·7	+8	SSW	4	b-	52	85	8	4000	StCu	1	-	1	0
Lympne	1003·2	+5	W	4	b-	50	85	7	2500	CuNb	3	-	3	·
Scilly (St. Mary's)	1005·7	+5	NWW	5	b	51	92	8	4000	Cu	3	-	3	5
Falmouth (Pendennis)	1005·0	+5	W	3	b	50	85	8	5700	Cu	3	-	3	0
Plymouth (Cattewater)	1005·3	+8	W	3	bjp	51	85	8	2500	CuNb	2	-	2	0
Portland Bill	~~1001·3~~ 1003·1	+8	W	4	bc+	55	75	7	-	-	0	A·Cu	6	4
Southampton (Calshot)	1003·8	+7	WSW	3	b-	52	85	7	5700	StCu	3	-	3	0
Dungeness	1003·8	+4	SW	5	b-	54	85	8	4000	Nb	2	-	2	5
Guernsey	1006·5	+7	W'N	4	bc-	53	85	6	4000	Cu	5	-	5	4

stet bjp

1003·1

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day
		24 Hours ended 0000 G.M.T.										
Kew } 24 hours ended 0700	18	bcmbop	bccp	bcm.bobor	·	·	34	Tr.	Tr.	3.2	·	·
Croydon } 24 hours ended 0700	244	ocrpmg	com	ompmbw	·	·	38	Tr.	0.2	4.0	·	·
Greenwich (Royal Obsy.)	149	c	c	cobc	60	42	35	-	-	3.6	40	44
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	2·6	·	·
Westminster (St. James' Pk.)	27	·	·	·	53	44	38	-	-	3.5	92	41
Regent's Pk. (Botanic Gdns).	—	·	·	·	·	·	·	·	·	2·2	·	·
Camden Square	110	bcc	c	·	59	44	39	-	-	·	·	49
Kensington Palace	80	bco	o	·	59	43	35	-	-	·	(At 18h) 80	80
Hampstead Observatory	450	·	·	·	54	42	34	-	Tr.	2·9	·	83

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 28th 17 h. 30 m. to 29th 06 h. 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12.30	10.33	84
δ Ursae Minoris	12.30	10.13	82

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

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

29th – 30th October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·44 / 6·46	11·37 / 11·37	4·20 / 4·18
Greenwich	6·47 / 6·51	11·44 / 11·44	4·39 / 4·37
Wick	7·22 / 7·25	11·56 / 11·56	4·30 / 4·27
Valencia	7·31 / 7·33	12·25 / 12·25	5·19 / 5·17

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 heights), 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:—bo/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.

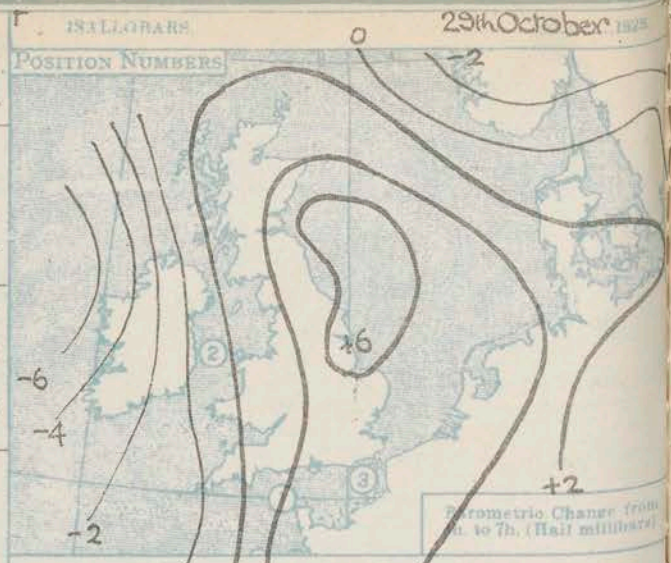
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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.

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 28th	13h.-18h. 28th	18h. 28th to 1h. 29th	1h.-7h. 29th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. 28th Hours.
Lerwick	ompr	c	bc	or	51	46	.	7	1	<0800	03.30	0.2
Stornoway	bc	copr	c	c	53	40	.	1	0.5	-	-	3.1
Wick	ott c	c	bbc	bbc	51	42	.	1	-	<0800	-	.
Castlebay	bcopc	bcpbc	bcobo	o	53	44	.	0.3	0.3	-	-	3.5
Nairn	bcg	bbc	bccgg	cg	52	42	.	-	-	-	-	3.2
Aberdeen	copre	b-bc	ocopr	bbc	51	41	33	0.6	0.4	0900		1.9
Malin Head	oimd	DPR	PRDbr	cov	51	45	.	4	1	<0800	<2100	0.6
Renfrew	oitc	opm	odmq	oqbc	52	45	41	1	0.4	<0800	<2100	1.2
Edinburgh (Inchkeith)	p	b-bc	bc	c	53	46	44	-	-	-	-	2.5
Leuchars	r	cbcbcb	bopr	bbc	52	40	23	0.3	0.4	<0800	<2100	2.2
Eskdalemuir	oiRoc	coopr	oir	orr	51	43	41	1	4	<0800	<2100	3.5
Tynemouth	bbcmq	bbcm	bbcm	bbcm	55	45	43	-	-	-	-	.
Blacksod Point ...	p	p	c	b	55	44	.	0.3	3	-	-	.
Donaghadee	o	op	bcp	co	52	45	.	0.4	0.2	1530	<2100	.
Birr Castle	copr	co	co	orr	52	42	34	0.3	0.4	12.30	-	2.4
Holyhead	prc	oc	ocbco	oc	53	49	46	Trace	-	0900	-	4.1
Liverpool (Bidston) ...	opc	p	o	o	51	44	40	2	0.3	1100	<2100	1.2
Chester (Shotwick) ...	opro	ocbc	bcoomopr	cbcm	55	44	34	0.1	0.2	0900	22.00	3.5
Spurn Head	c	c	bbc	c	56	~~45~~	.	-	-	-	-	0.0
Birmingham (Edgbaston)	ocbc	bcc	obcb	bbc	55	43	40	-	-	-	-	3.8
Nottingham	c	c	ocb	bbc	55	46	40	-	-	-	-	2.9
Cranwell	c	c	c	c	57	44	38	-	-	-	-	3.9
Gorleston	oo	c	cbcb	bw	56	44	40	-	-	-	-	0.0
Valencia (Cahirciveen)	cbcco	opbc	cbco	oorm	53	44	42	0.1	4	0900	02.30	2.4
Roches Point	bccp	obcb	bbc	bcor	54	43	.	0.3	1	<0800	0430	.
Pembroke (St. Ann's H.)	c	c	bbc	c	54	51	.	Trace	-	0900	-	6.4
Ross-on-Wye	pcbcv	cbcovc	bbcbw	wbbcc	56	45	38	0.2	0.1	0900	-	4.3
Leafield		bcco	bbc	bc	54	39	.	-	-	-	-	5.4
Andover	bccpr	bc	bbx	bcco	57	34	28	Trace	-	1100	-	5.5
S. Farnborough ...	itc	bcco	ob	bbc	58	42	36	Trace	-	1100	-	5.4
London (Kew Obsy.) ...	bcmbobo	cbbcm	cmbob	bbwcw	58	43	34	Trace	Trace	1100	-	3.2
Croydon	octmz	com	cmbmb	bw	58	41	38	Trace	0.2	1230	<2100	4.0
Clacton-on-Sea ...	ogc	cbc	bc	bc	55	44	44	-	-	-	-	1.7
Shoeburyness ...	oo	c	cbc	bm	58	44	40	-	-	-	-	2.6
Grain	c	obb	bb	bmm	56	45	34	-	Trace	-	-	2.9
Lympne	o	ocbcb	b	bw	56	43	40	Trace	Trace	1330	-	1.9
Scilly (St. Mary's) ...	cbc	bc	bc	bc	55	50	.	-	-	-	-	5.4
Falmouth (Pendennis)	bc	bc	bc	bcc	56	44	.	-	-	-	-	5.8
Plymouth (Cattewater)	obcp	bcpb	bbc	bbc	56	43	32	0.2	-	<0800	-	.
Portland Bill	b-bc	b-bc	bbc	bbc	54	52	.	-	-	-	-	.
Southampton (Calshot)	bcp	bc	bcbw	bwbcw	57	46	43	Trace	-	<0800	-	8.5
Dungeness	b-bc	b-bc	bbc	bbc	54	43	.	-	-	-	-	.
Guernsey	cbcc	cbc	bcb	bbc	56	50	.	Trace	-	1230	-	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	28th 10h	Hibernia	W	4	bv	51	54	9
3	29th 2h	Arundel	W	4	b-	53	54	7

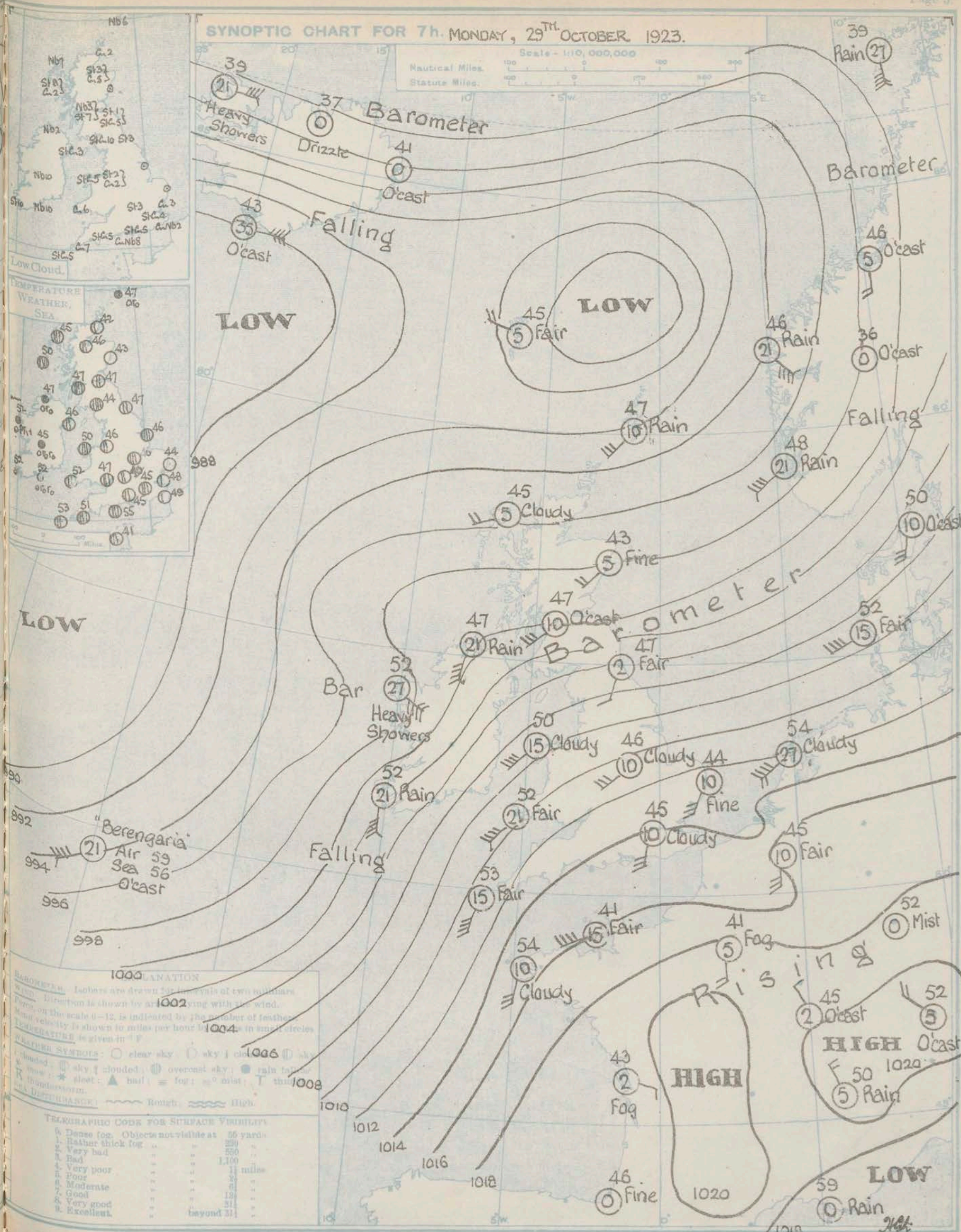
GENERAL INFERENCE.

A new depression approaching our western coasts will cause further rain beginning in the west and extending later to the eastern districts. Winds will become strong, mainly from S. or SW.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 29th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind S. to SW., fresh, strong at times; cloudy, occasional rain; visibility moderate; rather mild.	Unsettled. ---
6. South Wales 7. North Wales 8. N.W. England	Strong S. to SW. wind; cloudy, some rain; visibility moderate; rather mild.	
9. N. Midlands 10. N.E. England	As 1 - 5.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Southerly wind, strong at times; cloudy, some rain; visibility moderate; milder.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly SW., fresh or strong; cloudy, occasional rain, bright intervals; visibility moderate to good; rather mild.	

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 Monday, 29th October 1923. No. 302.

Observations at 0100 G.M.T. 29th

Stations.	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	990.4	+2	S	2	bc	49	92	7	-	-	0	ACu	6
Stornoway	51	993.2	+3	W	1	b	.	.	6	.	.	.	.	.
Wick	81	991.2	+2	WSW	3	c	44	92	8	5400	StCu	5	ACu	7
Castlebay	57	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	92	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	71	998.6	+4	W	5	cbc	49	92	8	5400	Nb	2	ACu	7
Renfrew	38	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	190	995.5	+4	WSW	4	c+	47	92	7	.	StCu	9	-	9
Leuchars	38	.	.	.	.	.	.	.	.	.	.	.	.	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	118	998.9	+4	WSW	3	bc	48	85	6	800	CuNb	4	-	4
Blacksod Point	10	1001.4	+1	S'W	4	o	48	85	6	.	.	.	.	10
Donaghadee	35	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	176	.	.	.	.	.	.	.	.	.	.	.	.	.
Holyhead	28	1004.0	+4	WSW	5	o	51	95	8	2500	StCu	10	-	10
Liverpool (Bidston)	189	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick)	16	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	28	1003.4	+4	SW'S	4	b	47	92	8	-	-	0	ACu	3
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.
Nottingham	52	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	357	1004.8	+4	SW	4	bc	46	94	7	4000	St	2	-	2
Gorleston	19	1007.3	+3	SW'S	3	b-	47	85	6	-	-	0	-	0
Valencia (Cahirciveen)	30	1006.1	-1	?	1	0	51	85	9	-	-	0	-	0
Roches Point	32	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	149	1008.4	+5	W	4	c	52	95	8	4000	Cu	7	-	7
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.
Leafield	576	.	.	.	.	.	.	.	.	.	.	.	.	.
Andover	296	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough	239	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.)	18	.	.	.	.	.	49	.	.	.	.	.	.	.
Croydon	244	1009.6	+5	SSW	3	b-	47	85	7	-	-	0	-	0
Clacton-on-Sea	54	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	20	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	350	1010.1	+6	WNW	3	b	43	94	8	-	-	0	-	0
Scilly (St. Mary's)	131	1010.6	+3	W	3	bc	51	85	8	4000	Cu	4	-	4
Falmouth (Pendennis)	200	1011.5	+6	W	3	bc	48	85	8	5400	Cu	4	-	4
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	19	1009.8	+2	W	4	b-	53	95	7	-	-	0	-	0
Southampton (Calshot)	13	1010.1	+4	W	3	b	49	92	7	-	-	0	-	0
Dungeness	21	1010.0	+4	NW	4	b-	51	85	8	-	-	0	CiCu	2
Guernsey	-	1012.5	+3	N'N	3	bc+	50	85	8	4000	Cu	4	-	4

Observations at 0700 G.M.T. 29th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	992.1	+1	SW	3	or	47	94	6	4000	Nb	6	ASt	10	2
Stornoway	995.1	+3	WSW	2	c	45	92	7	800	Nb	7	-	7	1
Wick	994.4	+3	SW	3	b	42	97	8	4000	Cu	2	-	2	0
Castlebay	997.2	+2	SW	4	o	50	85	8	1500	St	10	-	10	4
Nairn	996.0	.	W	2	c+	46	85	8	1500	Cu	8	-	8	0
Aberdeen	998.0	+4	SW	2	b	43	92	8	-	-	0	-	0	0
Malin Head	999.2	0	SSW	5	or	47	92	8	5400	Nb	2	ASt	10	4
Renfrew	1001.6	+4	SW	3	ojb	47	85	7	1500	St	10	-	10	.
Edinburgh (Inchkeith)	999.3	+4	WSW	4	bc	47	97	8	.	StCu	6	-	6	2
Leuchars	999.3	+6	SW	3	bc	43	85	8	4000	StCu	4	-	4	.
Eskdalemuir	1003.2	+4	SW	5	o	44	85	6	1500	StCu	10	-	10	.
Tynemouth	1004.0	+5	SSW	1	bc	47	85	6	800	St	3	CiCu	5	1
Blacksod Point	996.8	-6	SE'E	6	oPR	52	85	6	.	.	.	.	10	6
Donaghadee	1004.2	+6	WSW	2	bc	46	85	8	1500	StCu	3	ASt	5	2
Birr Castle	1005.3	.	SW	1	or	45	94	8	2500	Nb	10	-	10	.
Holyhead	1004.2	+3	SW'S	4	c	50	95	8	1500	StCu	5	CiCu	8	3
Liverpool (Bidston)	1005.5	+3	SW	3	bc-	46	85	7	4000	Cu	4	-	4	4
Chester (Shotwick)	1007.5	+4	S	2	c+	44	92	6	4000	StCu	1	Ci	7	.
Spurn Head	1008.1	+6	SSW	4	c	46	92	7	-	-	0	CiCu	7	2
Birmingham (Edgbaston)	1011.1	+4	SSW	3	c+	44	92	5	2500	StCu	2	CiCu	7	.
Nottingham	1009.6	+6	SW	3	c+	46	85	7	2500	StCu	1	CiCu	8	.
Cranwell	1009.8	+6	SW'W	4	c	45	94	7	4000	StCu	3	Ci	8	.
Gorleston	1012.3	+5	SW'S	3	b	44	92	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1001.5	-3	S	5	or-	52	92	6	450	St	10	-	10	.
Roches Point	1005.6	0	SSW	4	orc	52	94	6	2500	Nb	10	-	10	4
Pembroke (St. Ann's H.)	1009.5	+2	SW	5	bc	52	95	8	4000	Cu	6	-	6	4
Ross-on-Wye	1010.9	+3	SW'S	3	c+	47	85	7	-	-	0	ASt	7	.
Leafield	1013.1	.	WSW	2	bc	40	94	7	4000	St	3	Ci	5	.
Andover	1013.6	+4	SW'S	3	o	46	94	8	-	-	0	ASt	7	.
S. Farnborough	1013.2	+3	SSW	2	bc	45	92	7	-	-	0	Ci	6	7
London (Kew Obsy.)	1014.0	+5	SSW	3	c	45	92	7	5700	StCu	4	Ci	7	.
Croydon	1013.4	+4	S	3	bc+	42	94	7	5400	StCu	3	Ci	5	.
Clacton-on-Sea	1026	+5	SW	4	b	48	85	7	4000	Cu	3	-	3	1
Shoeburyness	1014.2	+4	WSW	1	mb	47	85	5	-	-	0	Ci	2	.
Grain	1014.2	+5	SSW	3	b	46	92	6	-	-	0	ACu	1	0
Lympne	1014.9	+4	WNW	4	b	46	92	7	4000	CuNb	2	ACu	3	.
Scilly (St. Mary's)	1010.5	0	SSW	4	bc+	53	92	8	4000	StCu	5	-	5	4
Falmouth (Pendennis)	1011.3	0	W	4	c+	51	85	8	5700	Cu	7	-	7	0
Plymouth (Cattewater)	1030	+3	SW	4	c+	53	85	7	2500	StCu	5	CiSt	8	0
Portland Bill	1024	+4	WSW	4	c+	55	65	7	4000	CuNb	8	-	8	4
Southampton (Calshot)	1014.2	+5	W	2	c+	49	92	7	4000	StCu	5	ACu	8	0
Dungeness	1014.3	+5	WSW	3	b	49	85	8	5700	CuNb	2	-	2	4
Guernsey	1015.7	+4	WSW	4	bc+	51	85	8	4200	Cu	3	Ci	4	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Oct. 28th

Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	Sunshine. Sunrise to Sunset. 28th. hr.
Montrose	opc	co	47	53	3	0·3		2·9
Berwick-on-Tweed	occbc	bcbcv	45	53	-	-		6·1
Llandudno	rcbo	oco	45	52	6	1		1·2
Colwyn Bay	rc	bc	47	52	8	3		4·1
Rhyl	rc	cbcc	46	54	14	2		1·1
Southport	cobcc	cbcobc	44	52	11	1		1·7
Blackpool	ocp	ou	44	54	8	0·4		2·9
Ilkley	op	bcc	44	54	5	0·2		2·0
Harrogate	b	bc	43	54	7	-		3·5
Skegness	cb	bcb	49	57	Trace	-		3·9
Aberystwyth	roc	b	48	54	7	-		2·7
Bath	ocbcb	bcbcb	50	57	1	1		3·7
Leamington Spa	c	c	47	54	0·1	-		5·0
Lowestoft	o	oc	52	55	-	-		0·6
Felixstowe	ogc	cbc	52	56	-	-		1·5
Southend	oc	cbc	49	59	-	-		2·4

Stations.	Weather. Fore-noon.	Weather. After-noon.	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.	Sunshine. Sunrise to Sunset. 28th. hr.
Ilfracombe	cbcp	co	49	56	1	0·1		2·9
Bude	bcpbc	cprbc	50	56	5	0·3		5·3
Paignton								
Torquay	b	b	51	59	0·4	-		4·1
Weymouth	bc	bcc	53	60	1	-		5·1
Bournemouth	b	b	51	58	-	-		7·2
Portsmouth (S'thsea)	b	b	52	58	0·3	-		4·9
Littlehampton	bc	bc	54	57	-	-		7·4
Worthing	bbc	bc	54	58	-	-		6·0
Brighton	cbc	bc	54	58	-	-		4·2
Eastbourne	cc	b	54	58	-	-		3·9
Hastings	ocbbd	cbcc	54	57	-	-		3·0
Folkestone	o	bc	52	59	-	-		1·5
Dover	o	ocbcb	55	57	-	-		1·1
Tunbridge Wells	cbcb	cb	51	58	-	-		3·6
Ramsgate	c	c	52	56	0·1	-		0·9
Margate	o	ocb	52	58	-	-		1·6
Deal	ooc	bcc	53	57	-	-		0·5

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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. 22622 Tuesday, 30th October 1923.

Observations at 1300 G.M.T. 29th

STATIONS. (For heights see p.4)	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	996.2	+6	WSW	2	gp	50	97	7	4000	Nb	4	ACu	8	·
Stornoway	993.9	-2	SW	4	opr	49	83	6	450	Sc	10	-	10	·
Wick	997.2	+2	SSW	3	o	49	92	8	4000	SCu	4	ASc	10	·
Castlebay	993.7	-4	SE	5	orr	50	97	6	800	Nb	10	·	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1000.7	+1	SW	3	o	51	75	7	3700	SCu	8	CiSt	9	1
Malin Head	993.6	-7	S	6	or₀	51	97	8	4000	Nb	5	ASt	10	·
Renfrew	1000.7	-4	SSW	3	orr	51	92	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1001.3	-1	SW	3	or₀	50	92	7	*	CuNb	4	ASt	10	·
Leuchars	1001.2	0	SW	3	orr	49	85	7	1500	Nb	10	·	10	1
Eskdalemuir	1003.6	-1	SSW	6	or	48	85	6	800	Nb	10	·	10	2
Tynemouth	1004.7	+1	SW	2	o+	52	75	6	-	-	0	ASt	10	·
Blacksod Point	994.6	-2	SW	6	o	51	92	7	·	·	·	·	10	·
Donaghadee	1001.3	-4	SW	3	orr	51	92	7	450	Sc	10	·	10	·
Birr Castle	1000.1	*	SE	3	oR	53	92	7	4000	Nb	10	·	10	·
Holyhead	1005.6	-3	S	6	orr	53	85	6	800	Nb	10	·	10	2
Liverpool (Bidston)	1008.2	+1	S	2	opr₀	51	75	7	1500	Sc	10	·	10	·
Chester (Shotwick)	1008.7	-1	S	3	or₀	51	85	7	1500	Nb	10	-	10	2
Spurn Head	1010.9	-1	SW	5	c	54	75	8	2500	Cu	1	CiCu	8	·
Birmingham (Edgbaston)	1011.9	0	S	4	o	51	75	7	4000	Cu	9	ACu	10	1
Nottingham	1011.0	0	WSW	4	o	54	75	8	2500	Cu	1	CiSt	9	·
Cranwell	1012.2	0	SW'S	4	c+	55	85	8	4000	Cu	2	CiSc	8	1
Gorleston	1014.9	+1	SSW	4	b+	55	92	6	-	-	0	CiCu	3	·
Valencia (Cahirciveen)	1001.3	0	S'W	4	or₀	57	97	6	450	Sc	10	·	10	2
Roches Point	1004.1	-1	SSW	5	udd	53	97	5	800	Nb	10	·	10	·
Pembroke (St. Ann's H.)	1009.1	-3	S	7	orr₀	53	85	7	2500	Nb	10	·	10	·
Ross-on-Wye	1011.8	0	SW'S	4	o	54	75	7	4000	Cu	5	ASc	10	0
Leafield	1014.8	+1	SW'W	3	c+	52	75	8	4000	CuNb	6	ACu	8	1
Andover	1015.2	0	SSW	5	o	55	65	8	4000	SCu	7	Ci	9	1
S. Farnborough	1015.7	+1	SW	4	o+	56	75	8	2500	StCu	9	-	9	1
London (Kew Obsy.)	1015.6	0	SSW	4	o	56	65	8	2500	StCu	9	·	9	1
Croydon	1015.9	0	SSW	4	o	53	75	7	2500	SCu	9	CiSc	10	1
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1016.0	0	SSW	4	bcm	57	75	7	5700	SCu	1	CiSc	5	·
Grain	1016.5	0	SSW	4	o+	57	65	8	4000	Cu	3	CiSc	9	0
Lympne	1016.8	0	WSW	4	o	55	75	8	2500	Cu	3	CiSc	9	2
Scilly (St. Mary's)	1011.6	0	S'E	6	odd	54	97	6	1500	Nb	10	·	10	·
Falmouth (Pendennis)	1012.5	0	SW	7	cr₀	55	85	8	5700	CuNb	8	-	8	·
Plymouth (Cattewater)	1014.2	0	SSW	6	o	55	85	7	-	-	0	ACu	10	1
Portland Bill	1014.8	0	SW	5	c	55	75	7	4000	CuNb	8	-	8	·
Southampton (Calshot)	1016.5	+1	SW	6	c	56	75	8	2500	Cu	4	CiSt	7	0
Dungeness	1018.1	+2	WSW	4	x+	56	85	8	5700	Cu	3	CiCu	6	·
Guernsey	1017.6	-1	SW	5	c	55	85	8	4000	Cu	1	Ci	8	·

Observations at 1800 G.M.T. 29th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	998.0	+1	S	1	o	49	97	6	-	-	0	ASt	10	0
Stornoway	989.9	-4	SSW	4	or₀r₀	52	97	6	450	St.	10	-	10	3
Wick	994.6	-4	SSW	4	orr	48	97	7	800	St.	10	-	10	3
Castlebay	991.4	-1	SW	4	or₀	53	97	7	800	Nb	10	-	10	6
Nairn	993.1	*	-	0	o	50	85	7	1500	St.	9	-	9	*
Aberdeen	997.7	-5	S	4	orr	50	97	5	1500	Nb	10	-	10	3
Malin Head	993.6	0	S	4	dr₀	55	97	7	4000	Nb	5	ASt	9	3
Renfrew	997.8	-3	SW	5	odd	54	92	5	800	Nb	10	-	10	·
Edinburgh (Inchkeith)	997.4	-5	SSW	5	dr₀	54	92	8	*	St	10	-	10	3
Leuchars	997.8	-4	S	3	o/r	52	85	7	2500	StCu	8	ASt	10	*
Eskdalemuir	1001.1	0	S'W	6	orr	50	97	5	450	Nb	10	·	10	·
Tynemouth	1003.6	-3	SW	2	orr	51	92	5	1500	Nb	10	-	10	1
Blacksod Point	995.1	-1	S	5	mno	55	92	5	*	*	*	*	10	7
Donaghadee	999.5	0	SW	4	od₀	54	92	7	450	St.	10	-	10	4
Birr Castle	1000.0	*	S	2	c-	57	92	6	4000	StCu	8	-	8	·
Holyhead	1005.0	0	S'W	6	o/r	53	97	6	800	Nb	10	-	10	5
Liverpool (Bidston)	1006.0	-1	S	5	o/r	53	85	7	2500	St.	10	-	10	5
Chester (Shotwick)	1006.4	-2	S	5	o-	54	85	6	1500	St.	10	-	10	·
Spurn Head	1010.0	0	S	4	o	52	85	8	-	-	0	ASt	10	3
Birmingham (Edgbaston)	1011.4	0	S	5	or₀r₀	50	85	6	1500	Nb	10	-	10	·
Nottingham	1010.4	-1	S	4	orr	52	85	7	1500	Nb	10	-	10	·
Cranwell	1011.6	0	SSW	4	or₀r₀	51	97	7	1500	Nb	10	-	10	·
Gorleston	1015.3	0	S'W	4	be-	51	75	6	-	-	0	ASt	5	1
Valencia (Cahirciveen)	1001.6	+1	S'E	5	od₀	56	97	6	450	St.	10	-	10	-
Roches Point	1004.2	+1	SSW	4	od₀d₀	53	97	3	<150	St.	10	-	10	6
Pembroke (St. Ann's H.)	1008.1	0	S	7	od₀d₀	53	97	6	1500	Nb	10	-	10	6
Ross-on-Wye	1011.7	0	SSW	5	o/r	52	85	7	2500	Nb	10	·	10	
Leafield	1013.4	0	SW	5	od₀+	50	92	5	1500	CuNb	10	·	10	·
Andover	1015.0	0	SSW	4	o	52	85	7	2500	St.	10	-	10	5
S. Farnborough	1015.7	0	SW	4	o	53	85	7	-	StCu	6	Ci	10	·
London (Kew Obsy.)	1015.8	+1	SSW	3	o	54	75	8	4000	St.	10	-	10	·
Croydon	1016.1	+1	SSW	4	o	52	85	7	2500	St	2	ASt	10	·
Clacton-on-Sea	1016.3	+1	SSW	5	c	53	85	7	-	-	0	ASt	8	2
Shoeburyness	1016.0	0	SSW	3	b-	51	85	7	4000	St.	1	-	1	·
Grain	1016.9	0	S'W	4	bc8	52	75	8	-	-	0	ASt	4	0
Lympne	1017.1	0	WSW	5	c	50	75	7	2500	StCu	3	CiSt	8	·
Scilly (St. Mary's)	1011.4	0	S	6	odd	54	97	4	1500	St.	10	-	10	7
Falmouth (Pendennis)	1011.3	-1	SW	8	od₀	53	92	6	800	Nb	10	-	10	2
Plymouth (Cattewater)	1014.1	0	SSW	7	or₀r₀	53	97	7	2500	Nb	10	-	10	4
Portland Bill	1014.8	0	SW	5	ojp	55	75	7	2500	Nb	10	·	10	6
Southampton (Calshot)	1016.5	0	SSW	5	c-	55	85	7	-	-	0	ASt	8	3
Dungeness	1017.5	0	SW	5	b-	54	85	8	-	-	0	ACu	3	5
Guernsey	1017.5	0	SW	6	o	55	85	8	4000	StCu	10	-	10	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. °F.	Temp. Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day
		24 Hours ended 0900 G.M.T. 30th										
Kew } 24 hours ended 0700	18	cwmo	oco	bccod	·	·	50	-	Tr	3.2	·	·
Croydon } 24 hours ended 0700	244	bccom	ow	ocgod	·	·	47	-	1.0	3.5	·	·
Greenwich (Royal Obsy.)	149	c	o	oco	58	51	45	-	-	4.6	64	85
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	3.2	·	·
Westminster (St. James' Pk.)	27	·	·	·	54	52	50	-	-	1.4	63	82
Regent's Pk. (Botanic Gdns.)	—	·	·	·	·	·	·	·	·	2.5	·	·
Camden Square	110	bcco	oc	·	54	50	45	-	-	·	·	86
Kensington Palace	80	cobcc	oco	·	54	53	44	-	-	·	{At 18h}	86
Hampstead Observatory	450	·	·	·	55	44	48	-	-	2.9	58	86

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 29th

South Kensington

Max.	Time.	Min.	Time.
1.0	0700. 28th	<0.3	0100 29th
1.0	0900. 29th		

Kew Observatory

Max.	Time.	Min.	Time.
0.5	19h. 28th	<0.3	24h. 29th
0.5	9h. 29th		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 29th 14 h. 30 m. to 30th 06 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.30	3.40	29
δ Ursae Minoris	12.30	3.13	26

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 1 sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 30th & 31st October, 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.43 6.45	11.37 11.37	4.28 4.26
Greenwich	6.51 6.53	11.44 11.44	4.37 4.35
Wick	7.25 7.28	11.56 11.56	4.27 4.24
Valencia	7.33 7.35	12.25 12.25	5.17 5.15

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

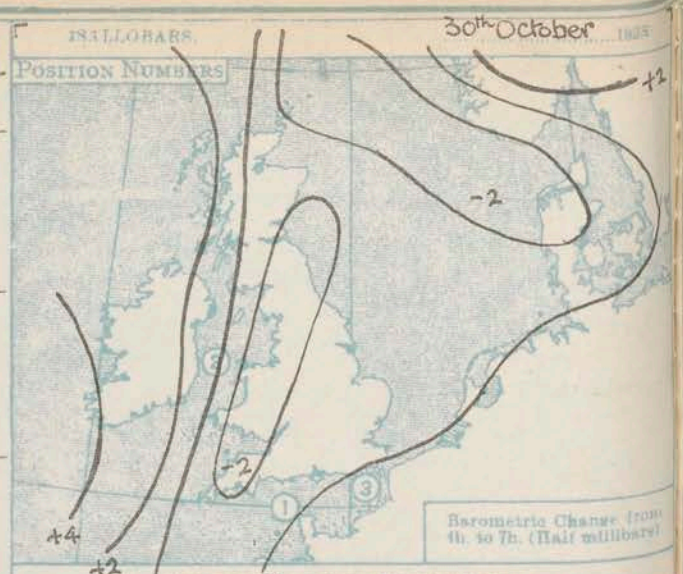
SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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.-13h. 29th	Weather. 13h.-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	omp	∞	omr	omr	50	48	.	2	9	L0800	<2100	0.1
Stornoway	p	r-d	r-d	cor	52	49	.	3	6	-	–	0.0
Wick	do	orr	orr	orro	49	48	.	2	7	1430	<2100	.
Castlebay	orr	r,rr	r,orr	rro	53	51	.	2	4	1100	–	0.0
Nairn	cdg	c	cirg	cpg	50	49	.	0.4	3	1230	<2100	0.0
Aberdeen	bcco	omrr	rorro	o	51	50	49	2	6	1330	<2100	1.9
Malin Head	oir	r,roe	orrid	oirid	55	49	.	3	2	L0800	<2100	0.0
Renfrew	oqmr	orrddq	orr	orrRq	54	54	53	4	6	1100	<2100	0.0
Edinburgh (Inchkeith)	or,	ir,	p	c	54	54	53	0.3	Trace	1100	<2100	0.9
Leuchars	bccor	oir	do	oid,m	52	52	45	2	0.1	1230	<2100	1.1
Eskdalemuir	oir	orrm	orm	orrm	50	49	.	12	20	1100	<2100	0.0
Tynemouth	cm	orrm	cm	c	53	50	48	5	–	1430	–	.
Blacksod Point ...	r-d	r-d	r-d	p	57	48	.	0.5	16	-	–	.
Donaghadee	omr	omrq	c	omd	54	54	.	5	1	0900	2200	.
Birr Castle	ocrro	RRme	iR	co	58	52	49	11	3	L0800	–	0.0
Holyhead	Cor,r	rrm	ddmrd	iDm	54	53	52	6	3	1100	<2100	0.0
Liverpool (Bidston) ...	cop,	p	p	p	58	46	41	4	0.4	0900	<2100	0.0
Chester (Shotwick) ...	comora	orrrom	ocQ	cobr,q	54	54	49	4	Trace	1100	0430	0.1
Spurn Head	c	c	o	o	54	51	.	-	0.2	.	<2100	.
Birmingham (Edgbaston)	co	coir,	or,oo	o	52	49	47	0.5	0.2	1430	<2100	0.4
Nottingham	c	or,	r,o	o	55	52	49	0.4	0.2	1630	<2100	1.8
Cranwell	bcc	or,	r-d	or,o	55	50	47	0.1	1	1530	<2100	5.1
Gorleston	b	bbcz	cqoq	oq	56	50	47	-	–	-	–	0.7
Valencia (Cahirciveen)	orm	ormd	omr	orbbc	54	51	47	8	6	L0800	<2100	0.0
Roches Point	rrddm	Ddof	jro	abqfs	53	52	.	8	6	L0800	<2100	.
Pembroke (St. Ann's H.)	r-d	ordd	oq,pr	r-d	54	53	.	1	1	1530	0430	0.0
Ross-on-Wye	co	or	ofq	r,qoq	54	51	49	2	1	1430	0130	0.6
Leafield	bccof	coud	orq	do	54	49	47	0.3	1	1630	<2100	4.2
Andover	o	oo	mpro	cdd,m	56	52	47	-	0.1	-	<2100	3.1
S. Farnborough ...	bcco	oo	or,	rod,m	57	51	48	Trace	0.1	0900	<2100	3.8
London (Kew Obsy.) ...	crmo	oco	ocd,	cood	57	53	50	-	Trace	-	–	3.2
Croydon	bccom	om	ocq	ocd,	57	52	47	-	Trace	-	0530	3.5
Clacton-on-Sea ...	bcc	c	cbc	bcc	55	51	49	-	–	-	–	3.5
Shoeburyness	bmbc	bcb	b	bcc	55	49	45	-	–	-	–	4.5
Grain	bmbco	ocbbc	bcb	bbcco	58	50	47	-	–	-	–	4.6
Lympne	oco	oc	cocb	bbcco	57	50	45	-	–	-	–	5.2
Scilly (St. Mary's) ...	comq	omddq	omdq	omdq	55	52	.	1	1	0900	<2100	0.0
Falmouth (Pendennis)	cqr	oqmd	oqmd	omq	56	52	.	1	3	1430	<2100	0.7
Plymouth (Cattewater)	co	or	ord	od	56	52	44	0.2	2	1430	<2100	0.7 #3
Portland Bill	c	c	r-d	p	54	53	.	-	0.2	-	<2100	.
Southampton (Calshot)	c	c	oorr	orrir,	54	53	51	-	0.4	-	2400	4.4
Dungeness	b-bc	c	bbc	bbc	54	54	.	-	–	.	–	.
Guernsey	bcbc	bcc		bbc	57	51	.	-	–	.	–	.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility.
2	29th 10h	Hibernia	SSE	6	or	54	54	6
3	30th 2h	–	SSW	5	bbc	54	54	7

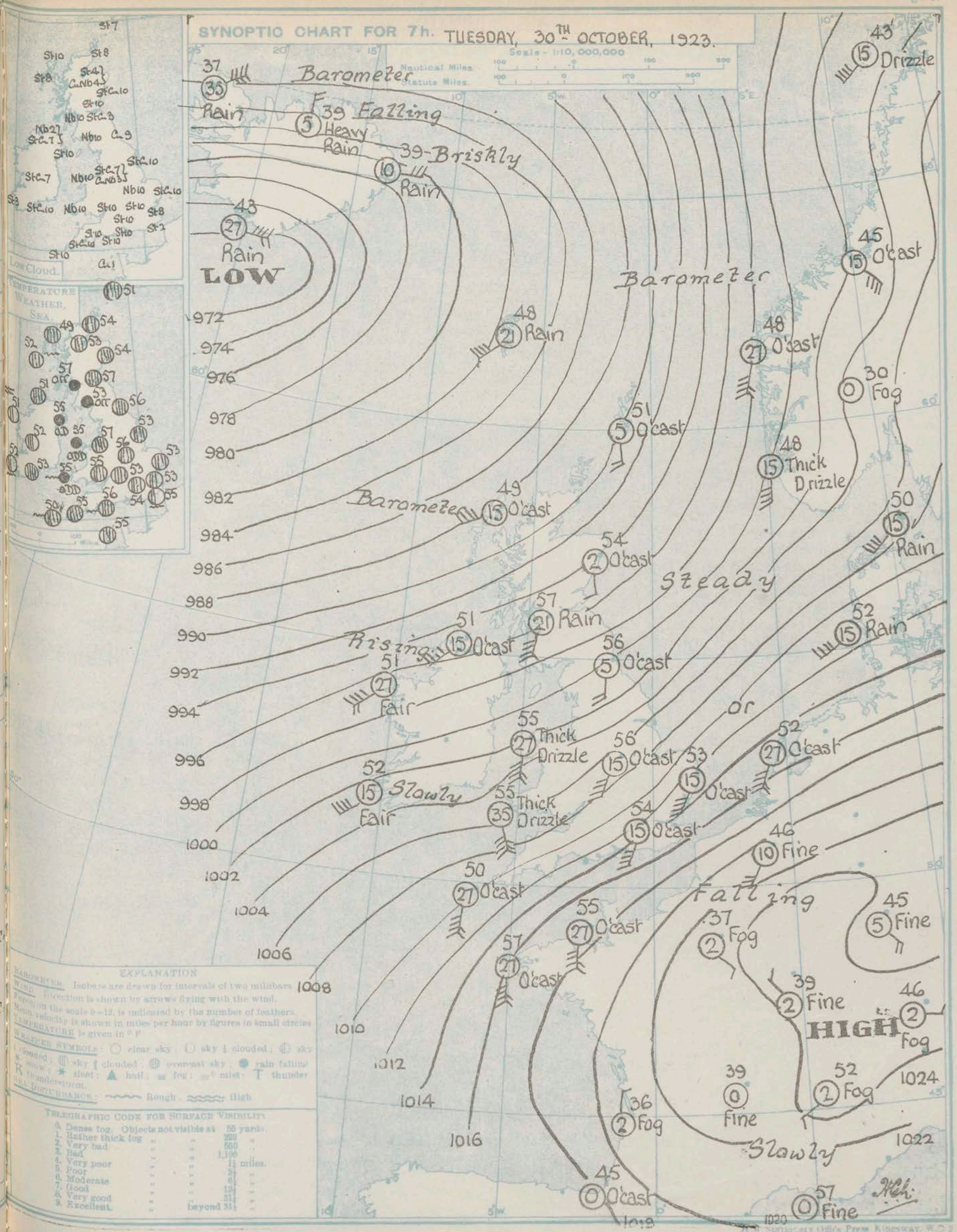
GENERAL INFERENCE.

The depression south of Iceland is almost stationary and winds over the British Isles will be mainly from the southwest quadrant. Weather will continue unsettled and rather mild but some bright intervals will occur.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 30th October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S. to S.W., strong at times; occasional drizzle, bright intervals later; visibility poor to moderate; mild.	Continuing mild and 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. to S.W., moderate or fresh, stronger at times; varying sky, occasional rain, brighter intervals; visibility moderate to good; mild.	South Cone hoisted 1430 GMT 29.10.23. South Cone hoisted 0230 GMT 30.10.23.

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.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Tuesday 30th October.....1923. No. 303.

Observations at 0100 G.M.T. 30th

STATIONS.	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	990.2	-4	S	2	orr*	50	94	5	4000	Nb	10	–	10
Stornoway	51	990.6	+2	SW	6	r*	•	•	4	•	•	•	•	•
Wick	81	991.9	-1	S	3	orr	51	94	4	2500	Nb	10	–	10
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	71	991.9	-3	S	5	od	54	94	4	4000	Nb	5	ASt	10
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	996.5	-2	SSW	5	o/r	54	92	8	•	StCu	10	–	10
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	118	1002.9	0	SW	2	c	55	85	6	800	St	3	ACu	4
Blacksod Point	10	994.0	0	SW	4	oPR	52	94	6	•	•	•	•	10
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1004.1	-1	S	5	od	55	94	4	1500	St	10	–	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	26	1008.4	-2	SSW	6	0	52	92	4	1500	St	10	–	10
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	237	1010.5	0	SSW	5	o/r	53	94	4	2500	St	10	–	10
Gorleston	13	1015.3	0	SSW	6	o+	52	85	4	4000	StCu	10	–	10
Valencia (Cahirciveen)	20	998.5	-4	NW	4	orr*	56	92	4	–	St	10	–	10
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	149	1004.8	0	S	4	oD	55	94	6	1500	St	10	–	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	556	•	•	•	•	•	•	•	•	•	•	•	•	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•
Croydon	244	1015.6	-1	SW	5	0	53	85	8	800	Nb	4	ASt	10
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1016.1	-1	W'S	6	b	51	85	8	1500	St	1	CuSt	3
Scilly (St. Mary's)	131	1011.3	0	S'W	6	odg	55	94	4	1500	St	10	–	10
Falmouth (Pendennis)	200	1011.3	0	SW	4	odg	54	94	6	800	Nb	10	–	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	19	1013.9	-2	SW	4	or	55	92	4	2500	Nb	10	–	10
Southampton (Calshot)	12	1015.3	-1	SW	4	orr	54	92	4	1500	Nb	10	–	10
Dungeness	21	1017.0	0	SW	6	b+	54	85	8	–	–	0	Ci	2
Guernsey														

Observations at 0700 G.M.T. 30th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun 0-9
Lerwick	990.3	-2	S	2	o/r	51	94	6	800	St	4	ASt	10	1
Stornoway	989.1	+2	WSW	4	o/r	49	94	4	450	St	10	–	10	3
Wick	989.4	-2	SW	3	o/p	54	94	8	1500	St	8	CiSt	10	0
Castlebay	991.3	+2	SW	5	c/r	52	85	8	1500	St	8	–	8	6
Nairn	990.9	•	–	0	c/r	53	92	8	1500	St	8	–	8	•
Aberdeen	994.4	-1	S	1	o	54	92	4	2500	StCu	10	–	10	3
Malin Head	994.4	+3	SW	4	o/r	51	94	8	5400	StCu	9	–	9	3
Renfrew	994.8	-1	SSW	5	orr	54	94	6	800	Nb	10	–	10	•
Edinburgh (Inchkeith)	994.4	-3	SW	4	o+	54	92	8	•	StCu	3	ASt	9	2
Leuchars	994.4	-1	SSW	4	od	54	85	6	800	St	10	–	10	•
Eskdalemuir	991.9	-2	S	4	orr	53	94	4	220	Nb	10	–	10	•
Tynemouth	1001.2	+2	S	2	o+	56	92	6	4000	Cu	9	–	9	1
Blacksod Point	996.5	+2	SW	6	bc	51	85	4	•	•	•	•	6	8
Donaghadee	998.8	0	SSW	3	oD	55	92	4	800	St	10	–	10	3
Birr Castle	1000.9	•	SW	2	c	52	92	6	4000	StCu	4	–	4	•
Holyhead	1002.2	-2	SW	6	oDD	55	94	6	220	Nb	10	–	10	5
Liverpool (Bidston)	1004.0	-1	S	3	o/r	54	92	8	2500	StCu	10	–	10	3
Chester (Shotwick)	1004.5	-2	SE	4	o	54	85	4	800	St	8	ASt	10	•
Spurn Head	1004.8	-1	S	5	o	53	92	8	1500	StCu	10	–	10	3
Birmingham (Edgbaston)	1009.0	-2	S	6	o	54	92	8	800	Nb	10	–	10	•
Nottingham	1008.2	-1	SSW	4	o	56	85	4	1500	Nb	10	–	10	•
Cranwell	1009.3	-1	SSW	4	o	55	94	8	450	StCu	10	–	10	•
Gorleston	1013.4	0	SW'S	4	o	53	85	4	4000	StCu	10	–	10	4
Valencia (Cahirciveen)	1003.1	+4	SW	4	bc	52	85	4	1500	St	3	CuCu	5	6
Roches Point	1004.0	+3	SW	3	o	53	97	8	4000	StCu	10	–	10	1
Pembroke (St. Ann's H.)	1005.4	-2	SSE	4	oDD	55	97	6	1500	Nb	10	–	10	6
Ross-on-Wye	1009.5	-1	SW'S	5	o	55	85	4	2500	St	10	–	10	•
Leafield	1011.5	-2	SSW	5	o/r	53	92	6	1500	St	10	–	10	•
Andover	1013.4	-2	SSW	5	odd	52	97	5	450	Nb	10	–	10	•
S. Farnborough	1013.8	-1	SW	3	odg	52	94	4	800	Nb	10	–	10	•
London (Kew Obsy.)	1014.3	0	SSW	4	o	54	85	4	1500	StCu	10	–	10	•
Croydon	1014.5	-1	SW'S	5	od	53	92	4	800	Nb	10	–	10	•
Clacton-on-Sea	1014.7	0	SSW	4	c+	53	185	4	4000	St	8	–	8	2
Shoeburyness	1015.0	-1	SW	5	c	54	85	4	2500	StCu	8	–	8	•
Grain	1015.4	-1	S'W	5	o+	54	85	4	1500	St	3	ASt	9	6
Lympne	1016.4	0	WSW	5	o	52	85	8	1500	St	7	ACu	9	
Scilly (St. Mary's)	1009.2	-1	S'W	6	o/r	55	97	4	1500	St	10	–	10	6
Falmouth (Pendennis)	1009.2	-2	SW	4	o/r	55	92	4	2500	StCu	10	–	10	1
Plymouth (Cattewater)	1012.2	0	SW'S	5	o	55	92	4	2500	St	10	–	10	4
Portland Bill	1013.2	-1	SW	5	o/r	56	85	4	1500	St	10	–	10	6
Southampton (Calshot)	1014.8	0	SW	6	or	54	92	4	1500	St	10	–	10	0
Dungeness	1016.3	-1	SSW	6	bc+	55	85	4	2500	St	2	CuCu	6	6
Guernsey	1016.9	0	S	6	o	55	92	8	5700	Cu	1	ASt	9	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th October

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 28th-29th °F.	Temperature. Max. Day. 29th °F.	Rainfall.† Night 17h.-9h. 28th-29th mm.	Rainfall.† Day 9h.-17h. 29th mm.	Sunshine.	Sunshine. Sunrise to Sunset. 29th hr.
Montrose	co	odf	37	50	-	0.5		1.7
Berwick-on-Tweed	bcocv	bcprr	44	51	-	3		2.6
Llandudno	o	doc	49	59	1	-		0.0
Colwyn Bay	eg	go	47	54	3	-		?
Rhyl	oc	c	46	55	1	3		0.0
Southport	egcr	rr	48	52	1	4		0.1
Blackpool	dc	or	50	52	1	3		0.0
Ilkley	odm	o	44	52	2	-		0.1
Harrogate	bcc	epo	43	51	2	1		0.6
Skegness	nb	bbco	42	55	-	-		3.7
Aberystwyth	ooc	o	49	56	-	2		0.0
Bath	cbco	cor	44	58	trace	trace		0.5
Leamington Spa	cb	od	43	56	-	0.1		2.2
Lowestoft	oco	ooc	43	56	-	-		3.2
Felixstowe	bc	bcc	46	56	-	-		1.5
Southend	bc	bcc	44	58	0.1	–		6.1
Ilfracombe	oco	od	47	56	-	0.2		0.1
Bude	o	od	46	57	-	-		0.3
Torquay	b	cor	43	56	-	0.1		1.9
Weymouth	c	co	49	59	-	-		1.2
Bournemouth	cbc	c	43	58	-	-		2.8
Portsmouth (S'thsea)	b	bbc	46	58	-	-		5.6
Littlehampton	bcm	bc	43	57	-	-		4.0
Worthing	cbc	cbco	41	57	-	-		4.3
Brighton	orcbb	bcbcb	46	56	1	0.2		3.5
Eastbourne	bbcc	cbcc	50	56	-	-		4.7
Hastings	cobcc	bcco	46	59	-	-		5.6
Folkestone	bc	bc	46	57	-	-		5.4
Dover	bcbbc	bcbbc	49	57	trace	-		4.3
Tunbridge Wells	cbc	bcc	40	57	-	-		3.9
Ramsgate	bbc	bcbbc	42	56	-	-		3.7
Margate	bbcc	obc	44	58	-	-		4.6
Deal	bcc	bcc	44	57	-	-		5.0

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22623 Wednesday. 31st October 1923.

Observations at 1300 G.M.T. 30th / Observations at 1800 G.M.T. 30th

STATIONS. (For heights see p. 4).	1300: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.¹	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	1800: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.¹	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	992·8	+2	SW	2	b	54	85	7	4000	Cu	2	CiCu	3	·	993·9	+2	S	2	bc	52	85	7	5700	StCu	3	ASt	4	1
Stornoway	989·7	+1	SW	5	oPR	48	97	7	460	St	10	-	10	·	990·1	0	SW	6	oPR	49	97	6	450	St	10	–	10	5
Wick	993·0	+1	SW	3	b	54	85	8	4000	Cu	2	CiCu	3	·	994·0	+4	SSW	4	b	50	92	8	4000	Cu	2	–	2	3
Castlebay	993·2	0	SW	6	cpr₀	63	85	8	1500	St	8	·	8	·	994·8	+1	SW	6	opr₀	52	92	7	1500	Nb	10	–	10	8 (7)
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	995·3	·	W	4	bc-	49	75	8	4000	Cu	4	–	4	7
Aberdeen	996·7	+3	SW	3	b-	58	75	8	2500	Cu	1	-	1	1	999·3	+4	SW	4	b	51	75	8	–	–	–	–	0	0
Malin Head	997·3	0	SW'W	6	b	54	85	8	5700	Cu	2	-	2	·	999·5	+2	SW	6	b	51	92	8	4000	Cu	1	–	1	5
Renfrew	1000·1	+3	WSW	4	bc/r	55	65	8	2500	StCu	5	ACu	6	2	1002·4	+3	SW	4	bc-	52	75	8	1500	St	4	–	4	·
Edinburgh (Inchkeith)	998·9	+4	WSW	4	o/r	53	92	8	·	St	9	-	9	·	1001·0	+1	SW	4	b-	51	92	8	·	St	2	–	2	2
Leuchars	997·9	+2	SW	4	bc+	54	75	7	2500	StCu	5	-	5	1	1000·1	+2	SW	4	bc	51	75	7	2500	StCu	4	–	4	·
Eskdalemuir	1001·5	+4	SW	5	o/r	52	86	7	1500	StCu	10	-	10	2	1004·9	+2	SW'S	4	c	48	85	7	2500	StCu	7	–	7	·
Tynemouth	1002·1	0	SW	2	ojp	60	85	6	1500	Nb	9	-	9	·	1005·6	+4	SW	1	c	53	75	6	4000	StCu	8	–	8	1
Blacksod Point	1000·0	+4	SW	5	bcr	54	75	7	·	·	·	·	6	·	1003·2	+3	WSW	6	o	50	85	7	·	·	·	·	10	7
Donaghadee	1002·5	+3	SSW	4	bc-	56	75	8	800	StCu	5	-	5	·	1004·7	+2	WSW	2	b	51	85	8	–	–	–	–	0	4
Birr Castle	1004·1	·	S	3	c+	55	75	8	4000	StCu	8	-	8	·	1007·8	·	SW	2	bc	49	85	6	4000	Cu	6	–	6	·
Holyhead	1005·8	+4	SW'S	4	c-	55	92	7	1500	StCu	1	ACu	8	2	1008·3	+3	SW'S	4	b-	53	85	7	–	–	–	ACu	1	3
Liverpool (Bidston)	1006·[illegible]	+3	WSW	4	opr₀	52	92	7	1500	Nb	10	·	10	·	1008·8	+2	SW	3	bc/r	52	85	7	4000	Cu	3	ACu	5	4
Chester (Shotwick)	1006·6	+4	W	4	od₀	58	75	8	1500	Nb	10	·	10	2	1008·6	+2	SSW	4	d-	54	75	7	2500	StCu	9	–	9	·
Spurn Head	1007·7	-2	SSW	6	o	57	92	7	4000	StCu	10	·	10	·	1009·3	+4	W	4	or+	52	97	6	2500	Nb	10	–	10	4
Birmingham (Edgbaston)	1009·0	0	S	6	o	56	92	7	4000	StCu	10	·	10	1	1011·1	+3	SW	3	od+	52	92	6	1500	Nb	10	–	10	·
Nottingham	1008·3	0	SSW	5	o	58	75	7	2500	Nb	10	·	10	·	1010·4	+2	SW	2	o	52	97	6	2500	Nb	10	–	10	·
Cranwell	1009·2	-1	SSW	5	o	58	97	8	800	StCu	10	·	10	1	1011·0	+3	SW'W	3	o/r	52	97	7	1500	St	10	–	10	·
Gorleston	1013·6	0	SW'S	5	o-	57	75	6	4000	StCu	9	-	9	·	1013·5	0	SW'S	4	c-	55	85	7	–	–	–	ASt	7	4
Valencia (Cahirciveen)	1007·7	+4	SW	5	b-	55	75	8	2500	StCu	2	ACu	3	2	1010·7	+4	SW'W	4	bc-	51	85	7	2500	StCu	5	–	5	6
Roches Point	1007·8	+3	WSW	4	c	55	85	8	2500	CuNb	8	-	8	·	1010·6	+4	WSW	2	b-	50	92	8	4000	CuNb	1	–	1	1
Pembroke (St. Ann's H.)	1009·4	+4	SSW	5	o/r	53	92	6	1500	St	10	-	10	·	1011·6	+3	SSW	4	c-	53	85	7	4000	StCu	7	·	7	6
Ross-on-Wye	1009·5	-1	SSW	5	od₀	57	92	6	1500	Nb	9	CiSt	10	1	1011·6	+3	WSW	2	or₀	51	92	7	1500	Nb	10	–	10	·
Leafield	1011·6	-2	SSW	5	od₀+	54	92	8	1500	St	10	-	10	*	1012·9	+2	SSW	3	od₀	53	92	5	800	St	10	–	10	·
Andover	1013·3	-1	SW'S	6	o	55	85	7	800	St	10	-	10	1	1013·2	0	SSW	5	odd₀	54	97	6	450	St	10	–	10	·
S. Farnborough	1013·7	-2	SW	6	o/r	56	85	6	800	Nb	10	-	10	1	1013·5	+1	SW	4	od₀	55	97	7	800	Nb	10	–	10	·
London (Kew Obsy.)	1014·0	-3	SSW	4	o	57	86	7	2500	StCu	10	-	10	1	1013·8	0	SSW	3	o	57	85	7	4000	StCu	10	–	10	·
Croydon	1014·7	-1	SW	4	o/r	55	85	7	800	Nb	10	·	10	1	1014·3	0	SW'S	4	o/r	55	85	6	800	Nb	10	–	10	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1014·4	0	SSW	4	o	54	92	7	2500	St	10	–	10	1
Shoeburyness	1014·7	0	SW'S	6	o+	56	86	7	2500	StCu	10	·	10	·	1014·6	0	SW	4	o	56	85	7	2500	StCu	10	–	10	·
Grain	1015·0	-1	SSW	6	o	56	75	8	1500	StCu	10	·	10	0	1015·3	+2	SSW	5	o	56	85	8	800	StCu	10	–	10	0
Lympne	1016·4	-1	WSW	6	o	54	85	8	1500	St	10	·	10	0	1016·0	0	WSW	5	oror₀	54	85	7	800	Nb	10	–	10	·
Scilly (St. Mary's)	1011·7	+2	W	3	odd₀	53	97	6	2500	St	10	·	10	·	1013·2	+2	W'S	3	o/r	53	97	7	4000	StCu	9	–	9	4
Falmouth (Pendennis)	1010·4	+1	SW	7	odd₀	55	97	6	800	Nb	10	·	10	·	1014·3	+4	W	1	odd	52	92	7	2500	Nb	10	–	10	0
Plymouth (Cattewater)	1012·1	-1	SSW	6	oDD	55	97	5	450	Nb	10	·	10	2	1013·5	+3	W	3	odd	52	97	6	800	Nb	10	–	10	1
Portland Bill	1013·0	0	SW	6	o	57	86	7	1500	St	10	·	10	·	1012·5	0	SW	6	or	55	92	6	2500	Nb	10	–	10	6
Southampton (Calshot)	1014·6	-1	SW	6	o	56	92	7	1500	St	9	ASt	10	0	1014·3	0	SW'S	5	oD	56	97	5	2500	St	10	–	10	0
Dungeness	1015·9	-1	SSW	6	o	56	86	7	4000	Cu	10	·	10	·	1016·0	0	SSW	5	or	56	85	8	4000	Nb	10	–	10	6
Guernsey	1015·9	+1	WNW	1	oN	?	97	9	2500	StCu	5	ACu	9	·	1015·7	-1	SSW	5	o	56	92	8	4000	StCu	10	–	10	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
(24 Hours ended 0900 G.M.T. 31st)												
Kew } 24 hours ended 0700	18	oo	oo	od mor₀	·	·	44	–	4	0.0	·	·
Croydon } 24 hours ended 0700	244	omdd₀	od₀m	oddr	·	·	46	Tr	4	0.0	·	·
Greenwich (Royal Obsy.)	149	o	o	od[illegible]	56	49	48	–	3	0.0	83	95
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	0.0	·	·
Westminster (St. James' Pk.)	27	·	·	·	54	49	44	4		0.0	49	93
Regent's Pk. (Botanic Gdns).	—	·	·	·	·	·	·	·	·	0.0	·	·
Camden Square	110	o	o	·	54	49	46	–	4	·	·	93
Kensington Palace	80	o	o	·	54	49	45	–	4	·	(At 18h) 87	93
Hampstead Observatory	450	·	·	·	55	48	44	–	4	0.0	·	98

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 30th.

South Kensington Max.	Time.	Min.	Time.
0.3	18h 29th	0.3	1-4h 30th
0.6	8h 30th		

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 30th 14 h. 30 m. to 31st 06 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 30	0 . 0	Nil
δ Ursae Minoris	12 30	0 . 0	Nil

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per 1 sec.	Stren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

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

31st Oct. & 1st Nov., 1923.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.48 / 6.50	11.37 / 11.37	4.26 / 4.24
Greenwich	6.53 / 6.55	11.44 / 11.44	4.35 / 4.33
Wick	7.28 / 7.30	11.56 / 11.56	4.24 / 4.22
Valencia	7.35 / 7.37	12.25 / 12.25	5.15 / 5.13

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy (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. Ɯ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; - = "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.

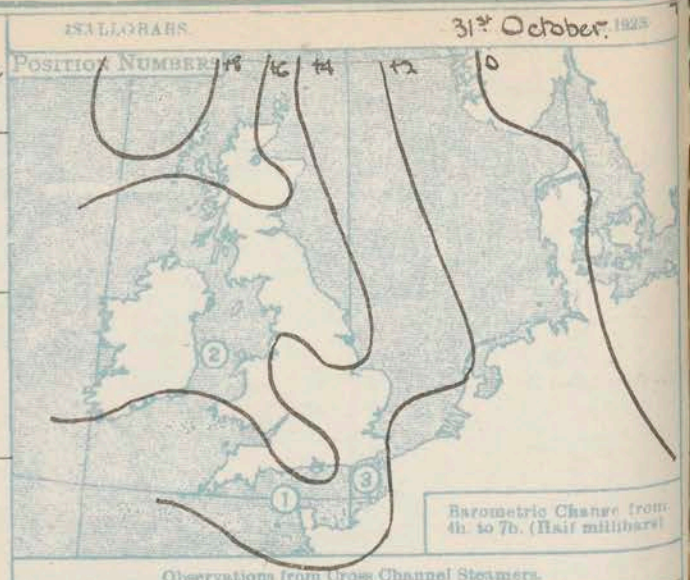
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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.

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 30th	13h.-18h. 30th	18h.-30th to 1h.-31st	1h.-7h. 31st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began	SUN 30th Hours.
Lerwick	bc	bc	bc	bcpq	54	44	•	1	2	1800	03.30	3.4
Stornoway	p	p	b	pr	53	46	•	7.2	3	–	–	2.3
Wick	ir bc	b-bc	bbc	bbc	55	45	•	0.2	–	<0800	–	•
Castlebay	op	obcop	opbc	bcopc	53	49	•	0.2	0.3	–	–	2.9
Nairn	cgbbc	bcq	bcqc	cpg	53	46	•	–	0.2	–	03.30	6.3
Aberdeen	ocbc	b	b	b	58	45	36	–	–	–	–	3.6
Malin Head	cobc	bc	p PR	obr	58	44	•	–	2	–	<2100	5.6
Renfrew	orrdc	bcdq	bcqco	o RARQ	57	48	45	2	4	<0800	0130	3.2
Edinburgh (Inchkeith)	p	c	b	b	58	48	35	0.2	–	1100	–	2.5
Leuchars	oddob	b-bc	bcb	bbc	57	44	38	1	–	<0800	–	2.5
Eskdalemuir	ormo	oopoc	cbc	co	53	43	42	8	–	<0800	–	0.1
Tynemouth	oo	c	bm	bbcm	60	45	40	–	–	–	–	•
Blacksod Point	p	c	bbc	c	54	45	•	0.2	0.6	–	–	•
Donaghadee	bcqp	bcq	b	bcw	57	45	•	1	–	<0800	–	•
Birr Castle	co	co	co br	co	56	42	34	–	0.1	–	<2100	5.8
Holyhead	Drmo	cbc	bb	bbc	55	49	46	3	–	<0800	–	0.0
Liverpool (Bidston)	op	p	bc	bc	61	45	36	0.4	–	<0800	–	0.3
Chester (Shotwick)	omq	oo	ocb	bbwm	63	41	30	trace	–	1100	–	0.4
Spurn Head	c	oo	o	bbc	58	46	•	0.5	2	17.30	<2100	3.3
Birmingham (Edgbaston)	o	oddq	oddrbc	bcb	56	43	39	1	0.5	14.30	<2100	0.0
Nottingham	oo	rq	o	wf-m	58	42	38	0.5	–	1530	–	0.1
Cranwell	oo	dpd	r-d	c	58	43	34	0.4	Trace	17.30	<2100	0.0
Gorleston	oqcq	cq	o	oroc	54	50	48	–	2	–	0230	0.0
Valencia (Cahirciveen)	bcb	obec	bbcp	bccbo	55	49	44	–	0.5	–	22.00	5.4
Roches Point	oc	cpb	bw	bwo	55	41	•	1	0.2	1430	–	•
Pembroke (St. Ann's H.)	oddo	dc	bbc	bbc	55	50	•	3	–	<0800	–	0.0
Ross-on-Wye	ocoid	diro	roocb	bpw	58	41	31	1	1	1230	<2100	0.3
Leafield	oq	cofd	od	ocbc	55	41	35	0.3	0.3	<0800	<2100	0.0
Andover	qdmo	oodd	orrm	oobc	56	43	34	0.3	5	<0800	<2100	0.0
S. Farnborough	dom	dd	odr	r	56	44	42	trace	6	<0800	<2100	0.0
London (Kew Obsy.)	oo	oo	odmonr	omrom	57	50	44	–	4	–	<2100	0.0
Croydon	omdo	odm	oddrr	orr fm	56	49	46	trace	4	<0800	<2100	0.0
Clacton-on-Sea	cog	og	og	ogrog	55	51	49	–	4	–	0430	0.0
Shoeburyness	co	o	o	orrom	54	50	44	–	3	–	0230	0.1
Grain	oo	oo	ocod	orrom	54	49	46	–	4.3	–	0130	0.0
Lympne	oo	odr	orr	omr	54	49	42	0.2	4	1330	2400	0.0
Scilly (St. Mary's)	omfd	omdrc	bc	bcp	56	49	•	6	0.2	<0800	0230	0.0
Falmouth (Pendennis)	omqd	omd	omdbc	bc	55	48	•	3	0.1	0900	2200	0.0
Plymouth (Cattewater)	oddm	odqe	od	obxfew	56	41	29	3	1	<0800	<2100	0.0
Portland Bill	c	r-d	r-d	c	54	51	•	1	4	1530	<2100	•
Southampton (Calshot)	oo	oo	orrRR	orro	56	49	44	trace	6	<0800	<2100	0.0
Dungeness	c	oo	orr	r-d	54	51	•	trace	4	17.30	<2100	
Guernsey	c	c	corr	oirro	57	51	•	–	10	–	2200	–



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	30th 10h	Hibernia	S	4	og	56	55	8
1	30th 12h	Reindeer	SW	5	o+	58	57	7
3	31st 2h	Arundel	SW	2	or+	55	53	7

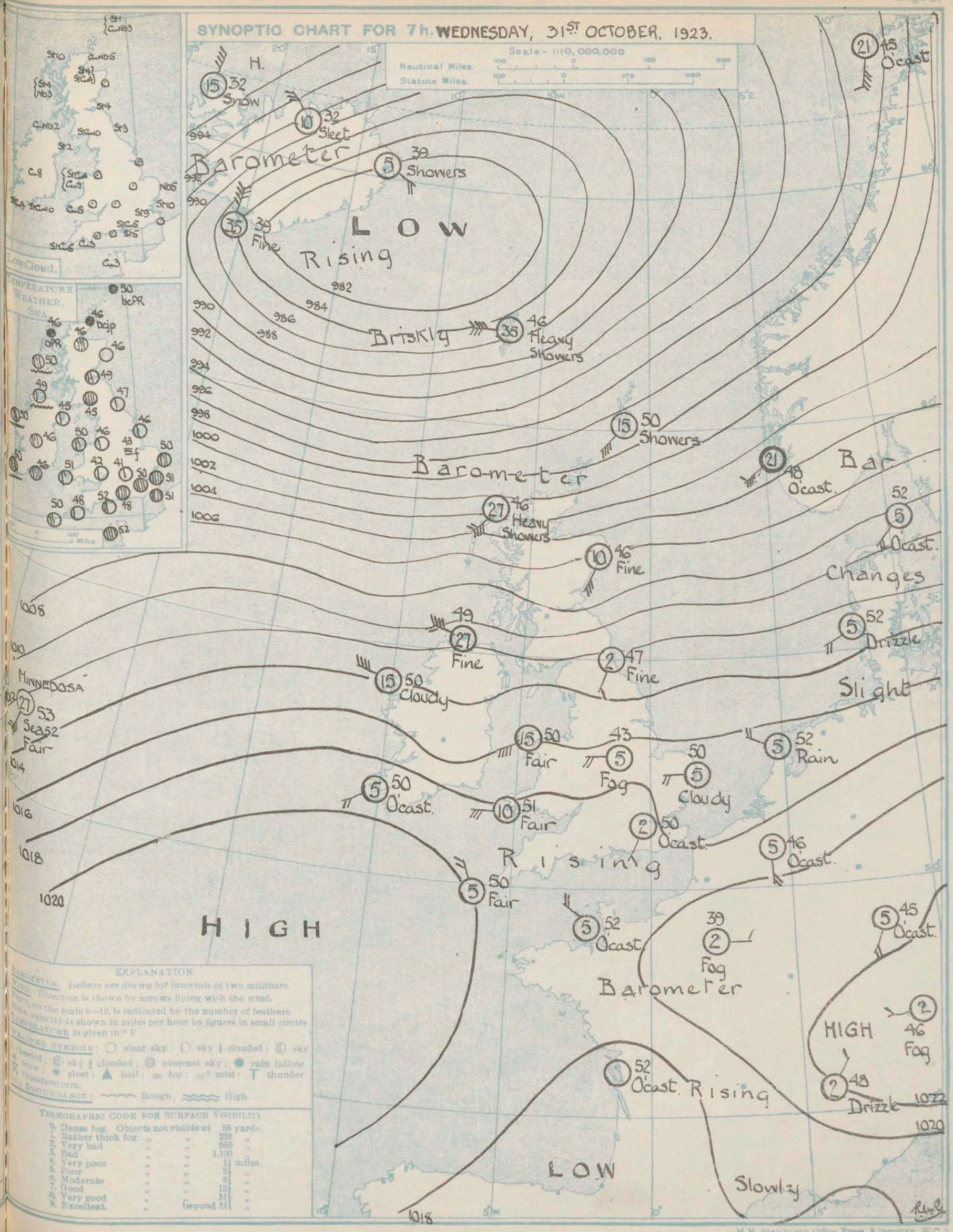
GENERAL INFERENCE.

The decided increase of pressure that is taking place over the British Isles and Northern France is favourable for more settled weather than of late over the greater part of the British Isles, but in the extreme North the weather will, after a temporary improvement, become rainy, with strong southwesterly winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 31st October, 1923.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate westerly winds; fair; mist or fog at night; mild during the day, slight ground frost in places at night.	Unsettled.
5. S.W. England 6. South Wales	Light N.W. wind, backing to W.; fair, some mist at night; mild. As 1 - 4.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Moderate W. wind, backing to S.W. and freshening tomorrow; fair today, probably becoming less settled tomorrow; visibility moderate or good; rather mild.	∇ 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 ∇	Wind S.W., fresh to strong; mainly cloudy, occasional rain; visibility moderate; rather mild.	
18. N.E. Ireland	As 7 - 11.	
19. S.E. Ireland 20. S.W. Ireland	Light or moderate W. to S.W. winds; much cloud, some rain or drizzle tomorrow; visibility moderate to good; mild.	

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, 31st October.....1923. No. 304.

Stations.	Height above M.S.L. in feet	Observations at 0100 G.M.T. 31st: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 0700 G.M.T. 31st: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun 0-9
Lerwick	54	994.8	+1	SW	3	c	51	85	4	5400	StCu	6	ASt	8	996.3	+3	SW	4	bcPR	50	85	6	2500	CuNb	4	–	4	3
Stornoway	51	995.4	+3	SW	6	PR	•	•	5	•	•	•	•	•	1001.6	+8	SW	6	dPR	46	92	4	450	St	10	–	10	5
Wick	81	996.0	+1	SW	5	bc	48	92	8	4000	Cu	4	–	4	1001.4	+5	WSW	5	bcjp	46	92	8	2500	CuNb	5	–	5	3
Castlebay	37	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.1	+5	WSW	5	c	50	45	8	1500	St	7	–	7	7
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.2	•	W	2	c+	46	45	8	1500	St	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.5	+6	SSW	3	b	46	92	8	–	–	0	–	0	0
Malin Head	71	1005.4	+4	WSW	4	bcPR	51	92	4	4000	CuNb	5	–	5	1010.8	+4	WNW	6	b⊕	49	92	8	4000	CuNb	2	CiCu	3	6
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.6	+5	WSW	3	o/r	49	86	6	1500	StCu	6	aSC	10	3
Edinburgh (Inchkeith)	190	1004.1	+3	SW	5	b	49	92	8	•	–	0	ACu	1	1007.6	+4	WSW	5	bc	43	94	4	•	St	4	–	4	3
Leuchars	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.5	+5	SW	3	b	44	85	4	4000	StCu	3	–	3	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.3	+5	SSW	4	o	45	92	6	2500	StCu	10	–	10	•
Tynemouth	118	1009.8	+3	SW	1	b	49	85	4	–	–	0	–	0	1012.6	+4	SSW	1	b	44	85	5	800	St	3	–	3	0
Blacksod Point ...	19	1010.0	+4	N'N	5	b	50	95	6	•	•	•	•	3	1014.5	+4	N'N	4	c+	50	95	6	•	•	•	•	8	7
Donaghadee	35	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.2	+4	WSW	3	b+	45	92	8	800	St	2	–	2	2
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	•	SE	1	c+	46	92	5	2500	Cu	8	–	8	•
Holyhead	26	1012.2	+3	NSW	4	b	50	95	8	–	–	0	–	0	1016.1	+4	WSW	4	bc	50	85	8	2500	StCu	6	–	6	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.8	+3	SW	3	b	46	92	4	–	–	0	CiCu	2	4
Chester (Shotwick) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.2	+4	SW	3	b	43	92	6	–	–	0	–	0	•
Spurn Head	26	1012.4	+3	SW	3	c+	51	92	5	2500	StCu	4	ACu	8	1015.6	+5	WSW	3	b	46	92	6	–	–	0	ACu	2	1
Birmingham (Edgbaston)	525	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.8	+3	SW	3	b	44	92	4	2500	St	1	–	1	•
Nottingham	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	+4	W	2	ffb	43	94	2	–	–	0	–	0	•
Cranwell	237	1013.4	+3	WSW	3	o/r	50	94	4	2500	StCu	10	–	10	1016.3	+5	WSW	3	b	43	94	6	4000	St	2	–	2	•
Gorleston	13	1014.8	+1	W	1	or+	52	92	6	4000	Nb	10	–	10	1016.8	+2	W	2	c+	50	92	6	4000	Nb	5	ASt	8	0
Valencia (Cahirciveen)	[illegible]	1014.8	+6	SW	3	bcpr	50	92	8	–	Nb	5	–	5	1019.3	+4	W'S	2	o+	50	45	8	2500	StCu	3	–	3	6
Roches Point	92	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.1	+3	W	2	o	46	94	4	4000	StCu	10	–	10	1
Pembroke (St. Ann's H.)	149	1014.3	+3	SW	3	bc	52	85	8	4000	Cu	5	–	5	1018.3	+4	W	3	bc	51	45	8	4000	Cu	5	–	5	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.0	+3	WSW	1	b-	42	94	8	–	–	0	Ci	1	•
Leafield	550	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.2	+3	W	2	b-	41	94	6	–	–	0	ACu	2	•
Andover	295	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.8	+1	W'S	1	bc/r	43	94	4	1500	St	2	Ci	6	•
S. Farnborough ...	250	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.0	+3	W	1	o-	48	94	4	4000	StCu	5	ASt	3	•
London (Kew Obsy.) ...	18	•	•	•	•	•	52	•	•	•	•	•	•	•	1018.4	+3	SW	1	o	50	94	6	2500	St	3	–	3	•
Croydon	244	1015.6	+1	N'N	2	orr	51	94	6	800	Nb	10	–	10	1014.9	+3	W	2	c-	43	94	6	5400	StCu	4	ASt	8	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	+2	W	1	o/r	51	94	6	2500	St	10	–	10	0
Shoeburyness ...	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.3	+2	–	0	b/r	51	92	5	1500	St	2	ACu	3	•
Grain	20	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.8	+5	WSW	2	o-	50	94	5	1500	St	3	ASt	10	0
Lympne	350	1016.1	0	WSW	4	orr	53	94	6	450	Nb	10	–	10	1018.0	+3	NNW	2	or.	43	94	8	2500	StCu	10	–	10	•
Scilly (St. Mary's) ...	131	1014.4	+2	WNW	3	b-	51	92	8	4000	Cu	1	–	1	1019.3	+2	NNW	2	bc	50	92	4	4000	StCu	5	–	5	3
Falmouth (Pendennis)	200	1016.6	+2	W	2	b/r	49	92	8	5400	Cu	3	–	3	1015.0	+3	NW	2	b	48	85	4	5400	Cu	3	–	3	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.4	+3	NNE	1	ffb	41	94	1	–	–	0	Ci	1	1
Portland Bill	19	1016.2	+2	NSW	3	orr	53	92	6	2500	Nb	10	–	10	1018.2	+4	NNW	2	bc-	52	85	4	–	–	0	ACu	6	4
Southampton (Calshot)	12	1015.6	+2	N'S	2	orr	52	94	4	1500	Nb	10	–	10	1018.3	+4	WNW	2	c-	43	94	4	1500	St	5	Ci	8	0
Dungeness	21	1015.4	0	SW	5	ojb	56	92	8	4000	Nb	10	–	10	1014.6	+2	N	1	o/r	51	94	8	–	–	0	ASt	10	3
Guernsey	–	1014.1	+2	N	3	orr	52	94	4	2500	Nb	10	–	10	1019.2	+3	NW'N	2	o-	52	92	8	5700	Cu	3	ASt	10	0

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 29th-30th	Temperature. Max. Day. 30th	Rainfall.† Night 17h.-9h. 29th-30th	Rainfall.† Day 9h.-17h. 30th	Sunshine.	Sunshine. Sunrise to Sunset. 30th
			°F.	°F.	mm.	mm.		hr.
Montrose ...	prbcc	rbcc	50	60	0·1	0·1		2·6
Berwick-on-Tweed	o	o	50	57	-	-		0·0
Llandudno	dor	ocbc	55	60	-			0·6
Colwyn Bay ..	c	cb	45	60	-	-		0·0
Rhyl...	cbc	c	54	~~88~~ 60	1	1		0·3
Southport	or	rcoc	50	60	1	1		0·1
Blackpool	or	cu	50	58	3	2		0·0
Ilkley	omd.	cpopo	49	58	trace	2		0·0
Harrogate	o	o	48	58	-	-		0·0
Skegness	ocb	co	50	59	trace	-		0·8
Aberystwyth ...	oro	o	49	57	1	4		0·0
Bath	o	od	49	57	0·3	2		0·0
Leamington Spa	o	od	47	57	-	-		0·0
Lowestoft	o	o	50	57	-	-		0·0
Felixstowe	o	o	51	56	-	-		0·0
Southend	o	o	48	56	-	-		0·0

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 29th-30th	Temperature. Max. Day. 30th	Rainfall.† Night 17h.-9h. 29th-30th	Rainfall.† Day 9h.-17h. 30th	Sunshine.	Sunshine. Sunrise to Sunset. 30th
			°F	°F.	mm.	mm.		hr.
Ilfracombe	or	or	52	58	1	4		0·1
Bude	oro	r	52	58	-	2		0·0
Torquay	d	d	53	56	4	2		0·0
Weymouth	o	od	54	58	0·3	1		0·0
Bournemouth ...	o	o	52	57	1	-		0·0
Portsmouth (S'thsea)	o	o	54	57	-	-		0·0
Littlehampton ...	oc	oc	54	57	-	-		0·0
Worthing	o	o	54	57	-	-		0·0
Brighton	o	o	54	57	-	-		0·4
Eastbourne	o	or	54	57	-	-		1·1
Hastings	cbco	odo	54	57	-	0·2		0·2
Folkestone	o	o	53	56	-	-		1·7
Dover	ocbco	o	54	57	-	-		0·0
Tunbridge Wells ..	o	o	51	56	-	-		0·9
Ramsgate	bbco	o	51	56	-	-		1·6
Margate	bcco	o	50	57	-	-		0·3
Deal	o	o	51	56	-	-		

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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, OCTOBER, 1923.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Andover 1300	Hum: 80%
	Spurn Hd 1800	Bar: 1023.5 mb
	Mottingham 1800	" 1023.8 "
	Lympne 1800	Bar change -2
	Cranwell 1800	Vis: 7
	Lympne 0700	Bar 1019.9 mb
	Calshot 0700	Temp 57 6.8 hrs
	Malin Hd	Sun:
	Renfrew	Max: 68° Rain (day) nil.
	Valencia	Past Weather 18-1hr f
	Pembroke	Max 61°
	Renfrew	Pass Weather 18-1hr c
	Shoeburyness	Max 77°
2nd	Calshot	" 54°
	Malin Hd 1300	Cloud Cu 3 - 3
	Edinburgh 1800	" Ci 1
	Eskdalemuir 1800	Bar 1018.3 mb
	Birmingham 1800	Wind WNW
	Leafield 1800	Bar change +1
	Croydon 1800	Wind W'N 2
	Portland Bill 1800	Temp 59°
	Lerwick	Sun 19.7 hrs
	Malin Hd	Rain (day) nil
	Chester	Past Weather bc oor rq
	Leafield	Max 59°
	Croydon	Past Weather 13-18hr odo m
3rd	Shoeburyness	Max 50°
	Falmouth 1300	Wind WSW.
	Leafield 1800	Vis: 3
	Pembroke 0100	Temp 53°
	Falmouth 0100	Hum: 65%
	Dungeness 0100	Temp: 49°
	Castlebay 0700	Cloud Cu 5 - 5
	Ross-on-Wye 0700	Bar change -11
	Grain 0700	" " -5
	Aberdeen	Sun 7.4 hrs
	Tynemouth	Max 58°
	Calshot	Min 46°
4th	Castlebay 1300	Wind NNW
	Liverpool 1800	Weather bc/r Cloud St 4 - 4
	Holyhead 0100	Hum: 75%
	Cranwell 0100	Cloud Nb 4 a St 7
	Calshot 0100	Hum 85%
	Wick 0700	Weather b Cloud Cu Nb 2 - 2
	Donaghadee 0700	Cloud Cu 6 - 6
	Falmouth 0700	Temp 58°
	Calshot 0700	Hum 75%
	Grain 0700	Sea 6
	Malin Hd	Max 57°
	Leuchars	Rain (day) 0.2 mm.
	Eskdalemuir	" (night) 0.3 " 2200
	Blacksod Pt	Max 57°
	Ross-on-Wye	Past Weather 18-1hr pc b. bc
	Liverpool	Rain (night) nil.
5th	Renfrew 1800	Bar 1020.1 mb
	Andover 1800	Cloud 2500 Cu 1 - 1
	Clacton 1800	" Cu 7 - 7
	Stornoway 0700	Temp 48°
	Portland Bill 0700	Sea 0
	Lerwick	Sun 6.2 hrs.
	Holyhead	Past Weather 7-13hr bcv. cv.
	S. Farnboro'	Max 54°
	Falmouth	" 54°
	Plymouth	Grass Min 30° Past Wthr 7-13h by
	Holyhead	Past Weather 18-1hr c. bc b. o.
6th	Mottingham 1300	Temp 48°
	Hampstead	Grass Min 44°
	Pembroke 1800	Bar 1011.4 mb.
	Spurn Hd 0100	" 1010.0 "
	Lympne 0100	Wind W.3.
	Scilly 0100	Bar 1014.6 mb.
	Pembroke 0700	Wind W.3.
	Clacton 0700	Weather og.
	Southport	Sun 4th 9.6 hrs.
	Ramsgate	Max ?
	Castlebay	" 53°
	Blacksod Pt	" 49°
	Birr Castle	" 57°
	Leafield	Sun 0.1 hrs
	Croydon	" 1.5 "
	Andover	Past Weather 18-1hr oor r.
7th	Renfrew 1300	Bar 1015.0 mb.
	Croydon 1300	Wind NW'W
	Grain 1300	" W'S 4.
	Westminster	59/46/40 Rain nil.
	Camden Square	59/45/40 " "
	Hampstead	57/44/40 " "
7th	Leuchars 1800	Bar 1004.0 mb
	Holyhead 1800	Bar change +2
	Grain 1800	Wind WSW 4.
	Gorleston 0100	" W'S 2
	Lympne 0100	Cloud height 2000'
	Renfrew 0700	Hum 92%
	Holyhead 0700	Sea 3
	Grain 0700	Bar change +2
	Ilfracombe	oco od 51 56 0.1 0.6 0.7 2.6
	Holyhead	Rain (night) 0.2 mm 0630
	Birmingham	Max 56°
	Croydon	Sun: 3.5 hrs.
8th	Malin Hd 1300	Bar 1007.6 mb
	Liverpool 1300	Cloud height 4000
	Scilly 1300	Weather od.
	Holyhead 1800	Weather or
	Liverpool 1800	Cloud height 2500
	Scilly 1800	Bar 1015.4 mb.
	Spurn Hd 0100	Wind WSW 3.
	Pembroke 0100	Bar 1010.8 mb.
	Lympne 0100	Bar change -7 Vis: 5
	Cranwell 0700	Wind WNW.
	Ross-on-Wye 0700	Cloud St 10 - 10
	Lympne 0700	Bar change +3 Wind NNW 3.
	Dungeness 0700	Bar 1009.8 mb.
	Guernsey 0700	Bar change +2.
	Cranwell	Precipitation began 0900.
	Ross-on-Wye	Max 57°
9th	Leuchars 1300	Weather o Cloud St Cu 5 a St 9
	Birr Castle 1300	Vis: 7.
	Cranwell 1300	Wind W'N 4.
	Andover 1300	Bar change +1
	Donaghadee 1800	Wind SW 3
	Andover 1800	Cloud 800 St 10 - 10.
	Leafield 0700	Hum 97%
	Lympne 0700	" 97%
	Ramsgate	Rain (night) 7mm.
	Lerwick	Min 45°
	Birmingham	Sun 2.6 hrs
	Gorleston	Min 48°
10th	Holyhead 1300	Wind W'S. 6.
	Cranwell 1300	" WNW 6.
	Blacksod Pt 1800	" W. 5.
	Mottingham 1800	Cloud St Cu 1 a Cu 2.
	Plymouth	Bar change +4.
	Chester 0700	Hum 75%
	Andover 0700	Wind SW'S 3
	Folkestone	Max 65°
	Lerwick	Rain (night) 2mm.
	Chester	Past Weather 13-18hr o. c. c. cy
	S. Farnboro'	" " 18-1hr o. b
	Kew.	" " 1-7hr b. oyr₀
	Croydon	" " 7-13hr od₀. c
	Lympne	Grass Min 46°
11th	Roches Pt 1300	Temp 58°
	Calshot 1800	Cloud 450 St 10 - 10
	Malin Hd 0100	Bar 1003.7 mb
	Holyhead 0100	Hum 75% Vis 8.
	Calshot 0100	Cloud 800 Nb 10 - 10.
	Berwick-on-Tweed	Max 54°
	Felixstowe	" 62°
	Bude	Sun 9th 5.1 hrs.
	Folkestone	" " 2.5 "
	Spurn Hd	Max 54°
	Grain	Min 51° Grass Min 49°
12th	Holyhead 1300	Cloud Cu 3 Ci St 9
	Birmingham 1300	Bar 1011.6 mb. Wind W 4.
	Gorleston 0100	Weather o Cloud St 10 - 10.
	Malin Hd 0700	Cloud 4000' Cu Nb 5 Ci Cu 5
	Birr Castle 0700	" 1500 Nb 9 - 9
	Cranwell 0700	" 4000 St Cu 6 a St 10.
	Grain 0700	Hum 97%
	Renfrew	Past Weather 13-18 hr c. bcv. b.
13th	Liverpool 1300	Bar 991.4 mb.
	Andover 1300	Temp 57° Vis 5
	Camden Square	Min 42°
	Aberdeen 1800	Temp 46°
	Birr Castle 1800	Vis 7
	Birmingham 1800	Bar change +1
	Clacton 1800	Bar 990.1 mb
	Cranwell 0100	Wind SW'W.
	" 0700	Cloud Cu 4 - 4
	Ilfracombe	Rain (night) 2mm.
	Torquay	Max 58°
	Spurn Hd	Min 41°
	Grain	Grass Min 38°
	Lympne	Max 57°
13th	Portland Bill	Max 58°
14th	Birmingham 1300	Ground 1
	Roches Pt 1300	Temp 52°
	Lerwick 1800	" 45°
	Nairn 1800	Weather c/r Cloud height 4000'
	Andover 1800	Vis 8
	Plymouth 1800	Bar change +2
	Calshot 1800	Cloud St Cu 9 - 9.
	City	Sun 6.3 hrs
	Westminster	55. 38. 33. - . 41 hrs
	Camden Sqre	56. 38 34 - *
	Hampstead	54. 36. 29 Trace - 7.1 hrs
	Leuchars 1800	Vis 8.
	Southport	Rain (day) nil.
	Bude	Min 40°
	Tynemouth	" 33 Grass Min 30°
	Cranwell	Rain (day) 0.5 mm.
	Renfrew	" " trace
	Ross-on-Wye	" " 0.1 mm
	Lympne	" (night) 0.2 "
	Dungeness	Max 57°
15th	Westminster	Rain 1mm
	Kensington Palace	Max 57°
	Cranwell 1800	Weather bc/r Cloud Nb 5 - 5
	Tynemouth 0100	Temp 38°
	Shoeburyness 0700	Bar 1014.7 mb.
	Spurn Hd	Min 41°
	Valencia	Past Weather 18-1hr bc. b.
	Leafield	Grass Min 24°
	Plymouth	Max 55°
	Roches Pt	Rain (night) 0.1 mm.
	Holyhead	Past Weather 18-1hr bc. c. bc 1-7hr bcv
16th	Kensington Palace	Min 39°
	Cranwell 1800	Cloud St Cu 4 a St 7.
	Portland 1800	Hum ?
	Spurn Hd 0100	Bar 1012.1 mb.
	Portland 0100	Hum ?
	Donaghadee 0700	" 98%
	Roches Pt 0700	Bar change 0
	Liverpool 0700	Cloud St Cu 10 - 10.
	Portland 0700	Hum: ?
	Valencia	Past Weather 18-1hr c. op. bc
	Shoeburyness	Sun 7.0 hrs.
17th	Wick 1300	Weather bc
	Holyhead 1300	Hum: 85%
	Spurn Hd 1300	Bar: 1010.4 mb.
	Portland 0700	Cloud a Cu 3.
	Brighton	Max 56°
	Valencia	Past Weather 18-1hr ood₀
	S. Farnboro'	" " " " o. bm.
	Croydon	{ " " " " opr₀ cm { " " 1-7hr o PR r₀
	Calshot	Rain (day) trace
18th	Stornoway 1300	Wind W.3.
	Donaghadee 1300	Hum: 85%
	Birr Castle 1300	Temp 54° Hum 92% Vis 7
	Holyhead 1300	Weather bc-
	Birmingham 1300	Temp 52°
	Plymouth 1300	" 56° Hum 85%
	Pembroke 0100	Weather bc Cloud St Cu 5 - 5
	Lympne 0100	Temp 49°
	Eskdalemuir 0700	Wind S
	Ramsgate	Min 45° Max ?
	Donaghadee	Weather 1-7hr c. o.
	Chester	" " bcw oom Sun 3.9 hrs
	Valencia	" 18-1hr od₀. o.
	Leafield	Sun 0.0 hrs.
	Andover	Weather 7-13hr o. m or₀ 18-1h 00
	Plymouth	" 18-1hr bc. c. o.
19th	Eskdalemuir 1800	Wind SE'S
	Birmingham 1800	Vis 5
	Birr Castle 0700	Wind SW1
	Plymouth 0700	Sea 1.
	Leuchars	Past Weather 18-1hr odom. o.
	Holyhead	Max 56°
	S. Farnboro'	Rain (day) 1mm.
	Croydon	Past Weather 7-13hr or₀. c.
	Falmouth	Min 55°
	Plymouth	Rain (day) 0.4 mm.
20th	Lerwick 1300	Bar 987.4 mb.
	Stornoway 1800	" 989.3 "
	Blacksod Pt 1800	Weather o
	Lerwick 0100	Bar 995.2 mb
	Tynemouth 0100	Cloud St 4 a St 10
	Chester 0700	Temp 41°
	Leamington Spa	odo cbo 50 57 1 0.3 0.6 0.0
	Malin Hd	Rain (day) 2mm

‡ The barometric change is expressed in half millibars.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
20th	Leuchars	Max 57°
	Blacksod Pt	– ?
	Chester	Min 38°
	Birmingham	Grass Min 28°
	Andover	Past Weather 18-1hr ORRmo
	Shoeburyness	Max 67°
21st	Eskdalemuir 1300	Wind S'W.
	Holyhead 1300	Cloud Cu 6 Ci Cu 8
	Westminster	60. 51. 48 2·1mm 4·5hrs 52% 86%
	Camden Sqre	c.b.c.o. 59. 49. 47. – 2. 87%
	Hampstead	55. 45. 38. 10mm.
	Falmouth 0100	Weather orq.
	Castlebay 0700	Wind WNW 4.
	Malin Hd 0700	Vis 8.
	Eskdalemuir 0700	Temp 49°
	Holyhead 0700	Cloud height 5700'
	Scilly 0700	Bar 992·7mb.
	Lerwick	Sun 1·5 hrs
	Donaghadee	Night rain 7mm.
	Birmingham	Grass Min 44°
	Cranwell	– – 41°
	Grain	Max 57°
	Lympne	Min 51°
	Holyhead	Past Weather 7-13hr bcpr, cq
22nd	Lerwick 1800	Bar change +6
	Spurn Hd 1800	Bar 987·0 mb.
	Plymouth 1800	Cloud 2500 Cu Nb 3 – 3
	Greenwich	Rain (day) 2 (night) –
	Lympne 0100	Wind W'S 4.
	Falmouth 0100	Weather bcpq.
	Castlebay 0700	Cloud height 3000'
	Blacksod Pt 0700	Vis 8
	Birr Castle 0700	Temp 45°
	Donaghadee 0700	Bar 982·0 mb.
	Ilfracombe	bcp cp 52 56 3. 4. 2·4
	Holyhead	Past Weather 13-18hr cirO.
	Plymouth	Rain (night) 0·6 mm ∠2100.
	"	Sun 2·2 hrs.
23rd	Holyhead 1300	Temp 52°
	Birmingham 1300	Wind SWS.
	Castlebay 1800	Bar 974·8 mb.
	Croydon 1800	Bar change +3.
	Regents Pk	Sun 5·5 hrs
	Spurn Hd 0100	Bar 987·8 mb
	Valencia 0100	" 988·5 –
	Birr Castle 0700	" 976·0 –
	Calshot 0700	Weather odd
	Guernsey 0700	Bar 990·8 mb.
	Lerwick	Sun 5·6 mb.
	Eskdalemuir	Rain (day) 4mm.
	Cranwell	Precipitation began 2200
	Leafield	Sun 3·7 hrs
	S. Farnboro'	Weather 7-13hr bc.cVo.
		– 13-18 – RR.cb
		18-1 – b
	Grain	Weather 13-18hr orZc
	Southport	Max 52°
24th	Lympne 1300	Bar 983·4 mb.
	Malin Hd 1800	Hum 92%
	Leuchars	Rain (day) 2mm.
	Eskdalemuir	Min 37° Rain (night) 1mm
	Chester	Sun 0·2 hrs
	Andover	Weather 18-1hr bc. cpr.
	Portland Bill	– 13-18 – opq b.bc
		– 1-7hr orb.
	Holyhead	Weather 7-13hr orr. ir.
25th	Chester 1300	Hum 65%
	Guernsey 1300	Cloud Nb 8 – 8
	Liverpool 1800	– Stcu 3 ast 5
	Nottingham 1800	Wind SW.
	Plymouth 1800	Sea 4
	Portland 1800	" 6
	Kensington Palace	Min 49°
	Cranwell 0700	Wind SW'W
	Aberdeen	Sun 5·4 hrs
	Malin Hd	Min 46°
	Birmingham	Max 53°
	Lympne	Rain (day) 1 mm
	Scilly	" – 2 mm.
26th	Croydon	Rain (day) 2 Rain (night) 9
	Spurn Hd 0100	Bar 996·7 mb.
	Pembroke 0100	Bar change – 6
	Falmouth 0100	Bar 991·1 mb.
	Stornoway 0700	Hum 85%
	Andover 0700	Wind SW'S.
	Blackpool	cp. cq. 46. 55. 2. 0·2. 3·8
	Cranwell	Rain (day) trace.
26th	Andover	Rain (day) 3 mm.
	Lympne	Max 57°
	Plymouth	Weather 1-7hr or. bc. 13-18hr bcpq
27th	Renfrew 1300	Weather ot Scu 9-9 ground 2.
	Cranwell 1300	Bar 993·0 mb.
	Gorleston 1800	" 1000·7 "
	Rochester Pt 1800	Temp 52°
	Kew 1800	Hum 75%
	Greenwich	o.bc.o ot or 58. 48. 40. – 5. 6·0. 6·49
	Hampstead	Min 47°
	Calshot 0100	Wind S.7. Hum 85%
	Eskdalemuir	Sun 2·6 hrs
	Pembroke	Min 47°
	S. Farnboro'	Rain (night) 7mm. Sun 6·4 hrs
	Scilly	Rain (day) 0·3 mm. ∠0800.
	Cattewater	Max 58°
	Dungeness	– 58°
28th	Leuchars 1300	Temp 47°
	Tynemouth 1300	Bar 984·6 mb
	Pembroke 1300	Wind SSW 9
	Grain 1300	Hum 75%
	Croydon 1300	Ground 2
	Grain 1300	Bar 991·7 mb Hum 75%
	Falmouth 1300	Wind SW 10
	Plymouth 1300	" SW'S 9
	Guernsey 1300	" SW 8
	Edinburgh 1800	Bar 984·0 mb.
	Rochester 1800	" 943·9 " Wind WSW 4
		Weather ot Hum 97%
		Cloud Stcu 9
	Andover 1800	Wind SSW 6.
	Camden Sqre	58. 51. 45 1mm.
	Hampstead	56 48 43 2 –
	Cranwell 0100	Wind S'W
	Wick 0700	" SSW.
	Malin Hd 0700	Cloud Nb 7 Ci Cu 8.
	Lerwick	Rain (night) 4mm.
	Chester	Weather 18-1hr ORRckq.
	Birmingham	Sun 0·6 hrs.
29th	Rochester Pt 1300	Bar 999·1 mb. Wind WNW 4
	Portland 1800	– 1003·1 "
	Plymouth 1800	Weather bjp.
	Spurn Hd 0100	Hum: 92%
	Valencia 0100	Weather o Cloud ?
	Nairn 0700	Wind W.2.
	Chester 0700	Weather ct Cloud StCu 1 Ci 7
	Andover 0700	Temp 41°
	Spurn Hd	Min 45°
	Gorleston	Sun 0·0 hrs
	Croydon	Weather 18-1hr opomb
30th	Tynemouth 1300	Hum: 75%
	Kensington Palace	Min 53°
	Clacton	Hum: 85%
	Blacksod Pt	Max 57°
	Holyhead	Weather 7-13hr c. or o r.
	Plymouth	Sun 0·3 hrs
31st	Birr Castle 1300	Cloud StCu 8 – 8
	Nottingham 1300	Temp 58°
	Renfrew 1800	Temp 52°
	Malin Hd 0700	Cloud Cu Nb 2.
	Edinburgh 0700	Sea 3
	Birr Castle 0700	Hum 92%
	Dungeness 0700	Cloud ast 10
	Kew	Max 60°
	Stornoway	Rain (day) 7mm.
	Edinburgh	" (night) nil
	Nottingham	Grass Min 38°
	Croydon	Weather 1-7hr orrm
	Grain	Rain (night) 3mm.
	Plymouth	Weather 18-1hr od.

‡ The barometric change is expressed in half millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, October 1923.

II.—ADDITIONS.

Report for	Station	Hour	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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9	Weather 7h.-13h.	Weather 13h.-18h.	Weather 18h.-1h.	Weather 1h.-7h.	Max. Day 7h.-18h.	Min. Night 18h.-7h.	Min. on Grass	Rainfall Day 7h.-18h.	Rainfall Night 18h.-7h.	Precipitation began	Sun Hours
4th	Portland Bill	1hr	1009.7	+4	NNW	7	b-	48	65	7	4000	Cu	2	-	2	*			b.bc								
	" "	7-	1014.8	+3	NNW	6	b·	48	55	7	-	-	0	-	0	6				b.bc	58	47			-	-	
5th	Pembroke	13hr	1023.1	+2	N	4	c	52	75	8	4000	Cu	7	-	7	*	c										
	Castlebay	18-	1018.3	-2	SW	4	o+	47	85	8	2500	St	10	-	10	3		c.o						-		-	
9th	"	7hr	1003.4	-5	W	4	o/r	52	97	8	1500	St	10	-	10	4			orr	rro	52	47			2	-	4.4
10th	"	7-	988.2	+1	W	8	bc	52	85	7	1500	St	6	-	6	7			rro	o.c.	51	51	*		2	-	0.5
	"	13hr	995.6	+6	W	8	bc	53	85	7	1500	St	6	-	6	*	op.c.a										
	"	18-	1001.7	+5	W	7	bc	51	85	7	1500	CuNb	6	-	6	7		cmopc						0.2		-	
11th	"	7hr	999.8	-4	WSW	5	c+	52	97	7	1500	Nb	7	-	7	6			o.b.o	op.c.o	54	50			0.3	-	4.7
	"	13hr	998.5	-1	WNW	5	ct	53	85	8	1500	St	8	-	8	*	ombc.										
	"	18-	997.6	0	W	5	bt	47	92	8	2500	Cu	3	-	3	6		op.bc.o						1		-	
12th	"	7hr	1003.5	+5	W	5	bc	47	85	8	2500	Cu	4	-	4	5			bc.	bc	53	45			0.1	-	4.9
	"	13-	1004.5	0	W	4	bc	48	85	8	2500	Cu	4	-	4	*	bcp.bc										
	"	18hr	1000.7	-4	WNW	4	oPR	47	97	8	800	Nb	10	-	10	4		bc.op						3		-	
13th	"	7-	988.5	-5	ESE	2	bc	47	85	8	2500	StCu	6	-	6	3			op	op.c.	51	45			5	-	5.9
	"	13hr	984.3	-2	SE	4	bc	49	92	8	4000	Cu	6	-	6	*											
	"	18-	985.2	+2	NE	4	oPR	52	92	8	1500	Nb	10	-	10	4		chpoh						3		-	
14th	"	7hr	994.4	+3	NNW	4	bc	46	85	8	4000	StCu	5	-	5	3			op.bc	olrop	53	45			6	-	4.6
	"	13-	998.0	+2	NW	4	opr₀	47	92	8	2500	Nb	10	-	10	*	bc.op										
	"	18hr	999.6	+2	NW	3	oPR	44	97	8	1500	Nb	10	-	10	3		op						4		-	
15th	"	7-	1003.4	+2	NNW	2	c	45	85	8	1500	Nb	7	-	7	3			c.op.c.	op.bc	49	43			3	-	3.7
	"	13hr	1005.7	+2	NW	3	bc	46	85	8	2500	StCu	6	-	6	*	c.bcp.c										
	Birr Castle	13-	1009.3	*	NW	1	c+	51	65	8	4000	StCu	8	-	8	*	c.o										
	Castlebay	18hr	1006.8	+1	WNW	4	oPR	46	75	8	1500	Nb	10	-	10	3		c.op						1		-	
	Birr Castle	18-	1011.1	*	W	1	c-	43	85	7	4030	CuNb	7	-	7	*		c.o			52			-		-	
	Guernsey	13hr	1007.5	+2	W'N	4	c/s(h)	53	92	7	4000	CuNb	8	-	8	*	bchc										
17th	Castlebay	7-	1007.0	0	WNW	4	c	48	75	8	1500	CuNb	7	-	7	4			c.op.c. b	op.c.	49	44			0.5	-	6.0
19th	Falmouth	1hr	1023.3	+2	NW	3	b	49	85	8	-	-	0	-	0	*											
20th	Castlebay	7-	984.0	+2	W	7	bc/r	47	92	7	1500	Nb	5	-	5	7			op.bc	r₀o	52	46			1	-	1.5
	"	13hr	990.8	+3	WSW	7	bc	49	75	8	2500	StCu	5	-	5	*	bcp.bc										
	Ross-on-Wye	13-	1006.5	+3	W'S	3	o	54	65	9	4000	Cu	1	aSt	10	2	dqrqcev										
	Castlebay	18hr	993.8	+3	WSW	7	c	49	75	8	1500	CuNb	8	-	8	7		bcp.c.o						0.4		-	
	Andover	18-	1008.6	+1	NW	1	orrm	49	97	5	800	St	10	-	10	*		oorrm			61			8		0900	
21st	Castlebay	7hr	990.2	-1	SW	5	o	50	85	8	2500	St	10	-	10	7			o.bc.op	bc.o.bc	51	45			4	-	5.9
	"	13-	986.1	-5	SSW	6	or	51	97	6	800	Nb	10	-	10	*	oprr										
	Edinburgh	1hr	985.8	*	SSW	4	o	50	85	8	*	StCu	7	aSt	9	*			o								
	Tynemouth	1-	992.4	-7	SSE	2	o	48	85	6	800	St	10	-	10	*			b.bcm								
22nd	Plymouth	7hr	990.2	0	S	4	cr₀	55	85	7	1500	Nb	8	-	8	1			orr	o.cr		52	44		9	<2100	
	Dungeness	13-	992.8	-1	SW	6	or	57	85	7	4000	Nb	4	aSt	10	*	rhq										
	Roches Pt	18hr	989.8	+1	WSW	3	c	49	92	8	4000	StCu	1	a.St	7	4		cp.c.						0.5		1330	
23rd	"	7-	990.8	0	W	3	cpr₀	48	97	8	2500	CuNb	7	-	7	1			bcp	bc.c.	54	47			1	0530	*
24th	Stornoway	18hr	969.7	+4	N	4	opr₀	44	92	7	800	Nb	10	-	10	3		obf of						4		-	
	Blacksod Pt	13hr	973.5	0	NW	5	c	49	75	9	-	CuNb	7	-	7	*	p										
	"	18-	973.0	0	W	6	opr₀	46	85	7	-	-	10	-	10	6		p						1		-	
	"	1hr	972.1	0	W	6	o	46	75	7	-	-	10	-	10	*			hrh								
	Pembroke	1-	978.7	0	SW	7	cjp	51	75	8	2500	Nb	7	-	7	*			cqp								
25th	Blacksod Pt	7hr	971.1	-2	W	6	oPH	46	92	7	-	-	10	-	10	5				h.rh	52	39			6	-	*
	-	1hr	974.2	+5	NW	5	o	46	75	7	-	-	10	-	10	*			p								
31st	-	7-	979.7	+2	WSW	6	c	50	85	8	-	-	8	-	8	5				p	51	42			1	-	*
19th	Renfrew	7hr	1009.6	+5	WSW	3	o/r	49	85	6	1500	StCu	6	aSt	10	*			begcqoihrq			48	45		4	0130	3.2
	Lympne	13hr	1019.5	-5	S	4	o	53	75	7	4000	StCu	8	aSt	10	*	omm										

UPPER AIR SUPPLEMENT, CORRECTIONS AND ADDITIONS,

I.—CORRECTIONS.

DIRECTION AND MEAN VELOCITY OF SURFACE AND UPPER WINDS.

Date and Time.	Station.	Dir. °	Speed m.p.h.
2nd 1700	Renfrew 2000'	285	20
2nd 1700	Cranwell 6000'	280	15
2nd 2400	" 1000'	340	22
4th 1700	Shotwick 8000'	345	29
	12000'	350	41
	14000'	350	56
	15000'	350	40
4th 1700	Andover 2000'	5	35
5th 0600	"	Delete	
7th 1100	Croydon 1000'	255	25
8th 1200	Shotwick 6000'	295	52
9th 0700	" 4000'	270	65
11th 1800	Lympne 1000'	275	28
12th 1700	Leuchars surface	250	12
12th 1700	Holyhead 6000'	265	18
13th 1700	Cranwell 2000'	280	24
15th 0600	" 2000'	260	43
1200	Croydon 5000'	250	15
	11000'	290	28
	12000'	Delete	
15th 1200	Cattewater 3000'	"	
	4000'	"	
	3000'	270	19
15th 1700	Calshot 2000'	280	15
16th 0600	" 1000'	285	23
16th 1100	Croydon surface	275	13
16th 2300	Calshot 2000'	310	21
17th 1700	Cranwell 4000'	5	10
17th 1700	Calshot surface	250	10
	1000'	245	14
18th 0700	Shotwick 2000'	175	24
18th 0700	Cranwell 4000'	210	28
17th 2300	Calshot surface	90	3
18th 1200	Croydon 3000'	180	43
19th 1600	Shotwick 4000'	255	23
	5000'	240	41
20th 0700	" 1000'	220	17
22nd 0700	" 3000'	250	47
22nd 0600	Calshot 8000'	255	45
	10000'	245	50
22nd 1200	Croydon surface	255	15
22nd 1700	Shotwick 1000'	245	33
22nd 1700	Calshot 5000'	270	38
23rd 1700	Shotwick 4000'	275	54
24th 1200	Renfrew surface	215	7
25th 0700	Andover surface	225	18
	2000'	250	36
	3000'	255	49
	4000'	255	63
30th 0700	Shotwick 1000'	200	28
30th 1200	" 1000'	235	21

II. Additions

Place.	Andover		S. Farnborough		Shotwick	
Date and Time.	5th 0600		20th 0800		24th 1200	
Feet.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.
Surface.	305	2	225	7	185	15
1000	290	7	290	8	215	12
2000	290	7	290	13	225	18
3000	295	9	275	15	235	31
4000	325	13	255	20		
5000	330	19	265	27		
6000	330	18				
6000						

UPPER AIR TEMPERATURES.

Date and Time.	Station.	Observation
11th 1000	Cranwell	Height 15578' Wet 4.2°F
15th 0915	"	" 6075' " 24.2°F
		" 15390 " 0.2°F
19th 1415	"	" 12620 " 21.0°F
24th 0915	"	" 15454' Dry -9.0°F, Wet -9.0°F

‡ The barometric change is expressed in half millibars

H.M. Stationery Office Press, Kingsway W.C.2
2/49/869. Wt.113. D.8563/PF.1079. 775. 1/24.