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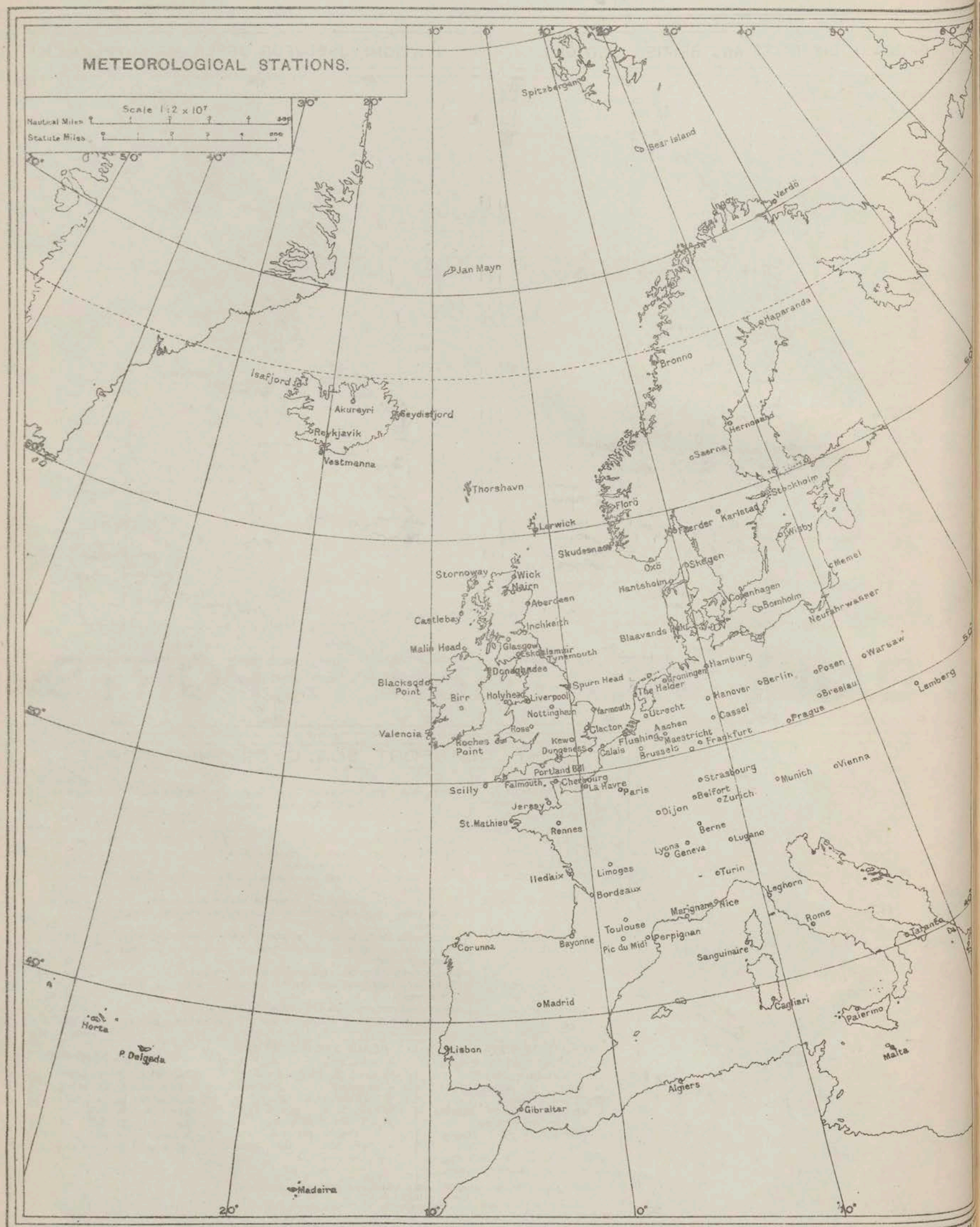
DAILY WEATHER REPORTS

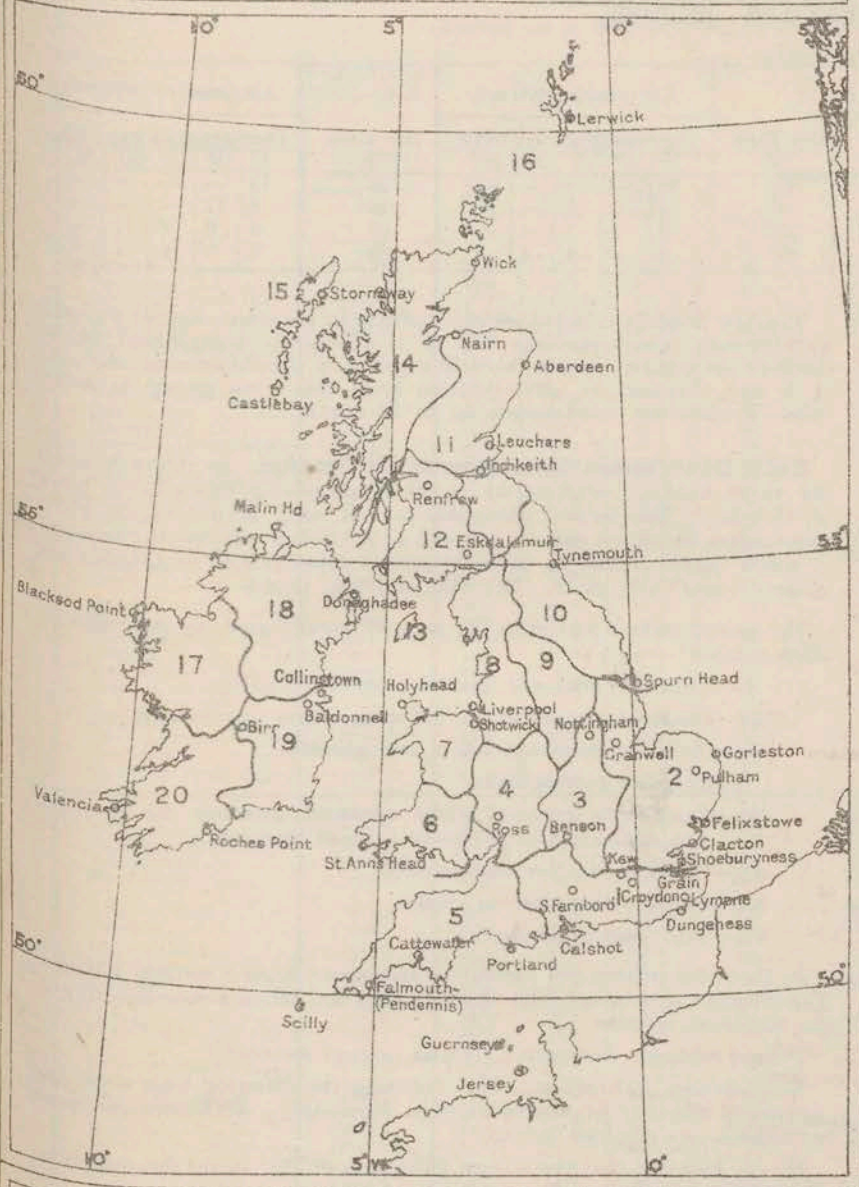
1ST APRIL TO 30TH JUNE, 1922.



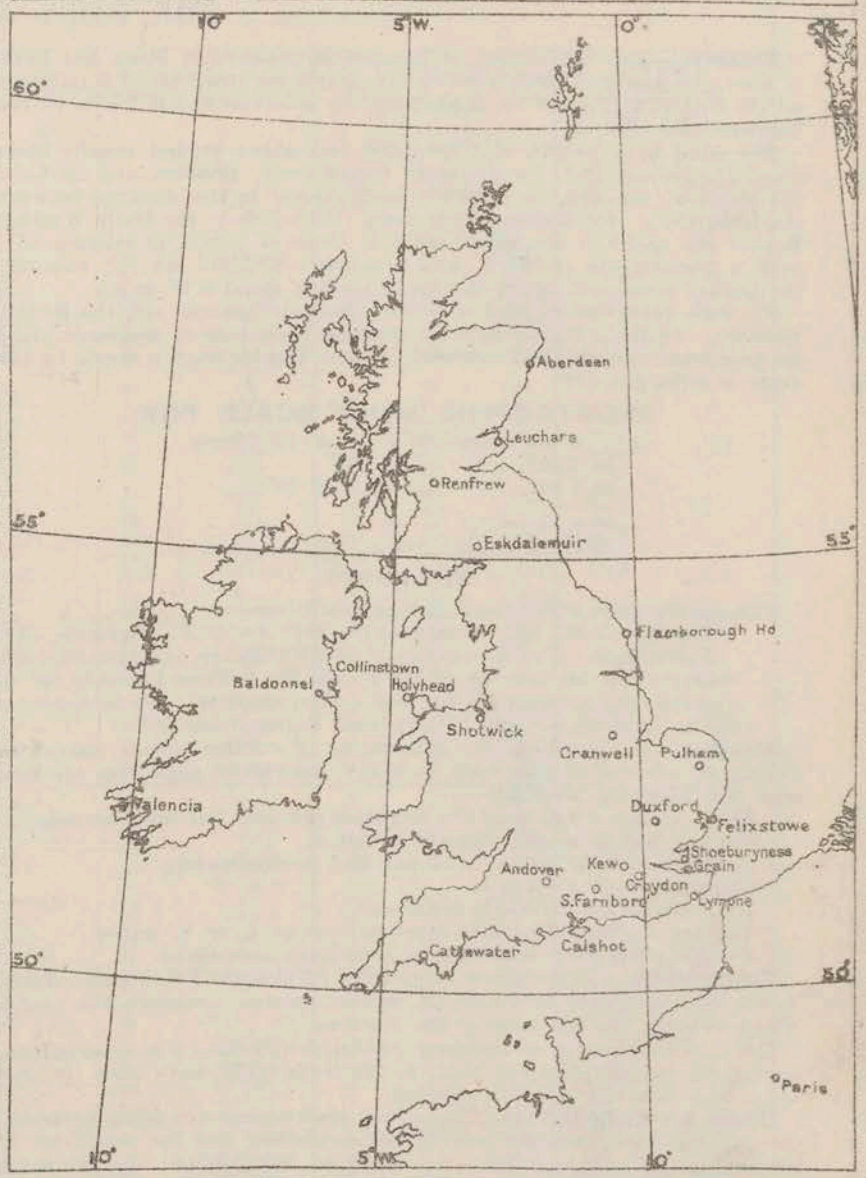
H.M. Stationery Office Press, Kingsway, W.C.2.

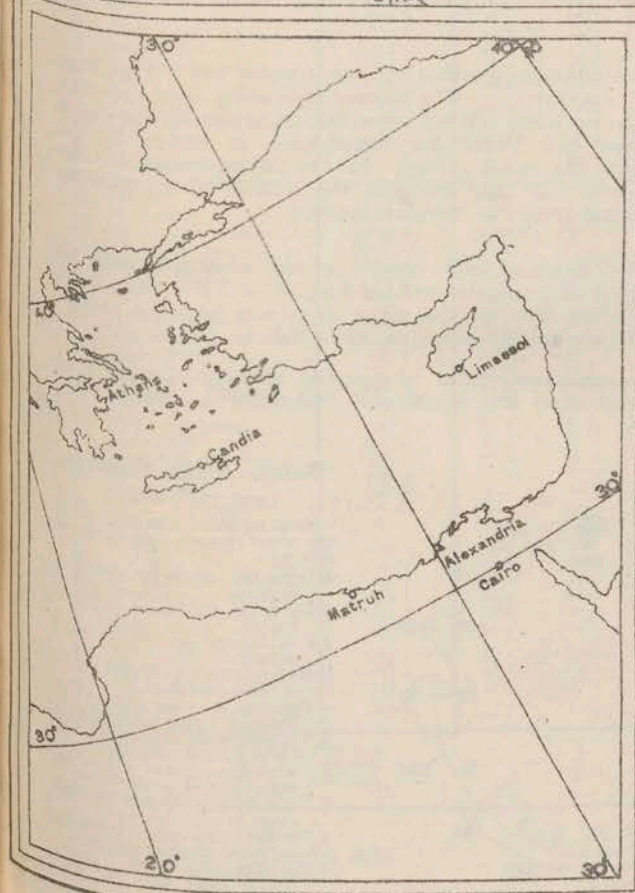
Pt. 2069/555. Wt. 257. D. 7351/Pt. 1081.

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.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
o overcast sky. d drizzle.
f fog. h hail.
KQ line squall. l lightning.
m mist. p passing showers.

BEAUFORT NOTATION.

q squalls. r rain.
rs sleet, *i.e.*, rain and snow.
s snow. t thunder.
v unusual visibility.
w dew. x hoar frost.
y dry air ; humidity less than 60 per cent.
z dust haze ; the turbid atmosphere of dry weather.

WEATHER SYMBOLS.

Clear sky	○	Sky ¼ clouded	◐
Sky ½ clouded	◐	Sky ¾ clouded	◕
Overcast sky	●	Rain falling	●
Snow	✳	Sleet	✳
Fog	≡	Hail	▲
Thunder	T	Mist	≡°
Lightning	↯	Thunderstorm	T↯

Capital letters indicate intensity, suffix $_o$ indicates slight, and repetition of letters continuity, thus :–
R = heavy rain. rr = continuous moderate rain. r_or_o = continuous slight rain.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

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

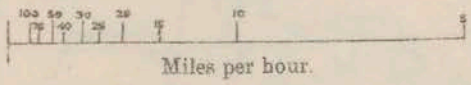
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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.

Note.—Temperatures at Guernsey, published with the 1 a.m. observations, during the period 1st April, 1921, to 5th June, 1922, have been readings taken at 9 p.m. the previous evening.

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

The new tables for computing relative humidity from readings of dry and wet bulb thermometers exposed on aeroplanes, are based on the formula* $e'' = e' - A\ (t-t')\ \frac{B}{1000}$ where A=0.37, which differs from the old formula used previously to the 19th September, 1921, only in having a constant 0·37 instead of 0·273. Considerable difference exists between the values for relative humidity given by the two formulæ when the humidity is low: when it is high the differences are slight. The following tables indicate the actual value of these differences, the new formula invariably giving smaller humidities:—

Dry Bulb °F.	Air pressure 400 mb. Depression of wet bulb. 5°	10°	15°	20°	25°	Dry Bulb. °F.	Air pressure 600 mb. Depression of wet bulb 5°	10°	15°	20°	25°
20	6	10	—	—	—	20	7	15	—	—	—
40	2	4	6	9	—	40	3	6	10	—	—
60	1	2	3	4	5	60	2	3	4	7	7
80	0	1	1	2	2	80	0	2	2	3	4

* e'' = actual pressure of water vapour in the air expressed in the same unit as B
e' = saturation pressure of water vapour at wet bulb temperature.
t = dry bulb temperature in degrees F.
t′ = wet bulb temperature in degrees F.
B = barometric pressure.

Dry Bulb. °F.	Air pressure 800 mb. Depression of wet bulb. 5°	10°	15°	20°	25°	Dry Bulb. °F.	Air pressure 1000 mb. Depression of wet bulb. 5°	10°	15°	20°	25°
20	10	—	—	—	—	20	12	—	—	—	—
40	4	9	13	—	—	40	6	11	—	—	—
60	2	4	7	—	—	60	3	6	8	11	—
80	2	2	4	4	5	80	2	3	4	6	6

The new formula is based on experiments in the wind channel at South Farnborough, which indicate that A is practically independent of the speed of the wind at speeds above 20 m.p.h. In the old formula, the value of A was obtained by extra-polation from the curve giving its actual values at different wind speeds up to 12 m.p.h.

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. (Not at present recorded.)

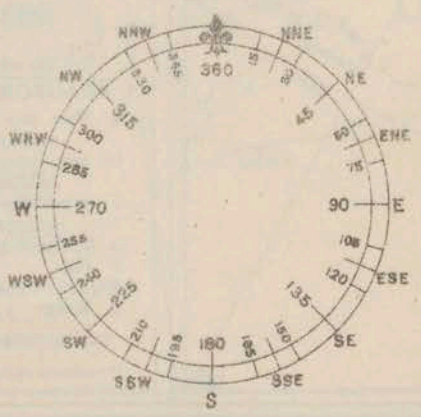
Fifth column. Direction. This indicates the direction from which the maximum intensity of atmospherics is proceeding. Directions are given in degrees (*see* diagram below).

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.

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.)



Notes.—Ships' Reports.

VISIBILITY SCALE.

From 1st March the code in use for ships' reports has been as follows:—

0 Dense fog, objects not visible at 50 yards.
1 Thick fog, objects not visible at 1 cable.
2 Fog, objects not visible at 2 cables.
3 Moderate fog, objects not visible at ½ mile (nautical).
4 Thin fog or mist, objects not visible at 1 mile (nautical).
5 Visibility poor, objects not visible at 2 miles (nautical).
6 Visibility moderate, objects not visible at 5 miles (nautical).
7 Visibility good, objects not visible at 10 miles (nautical).
8 Visibility very good, objects not visible at 30 miles (nautical).
9 Visibility exceptional, objects visible more than 30 miles (nautical).

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

SECOND QUARTER, APRIL TO JUNE.

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

	STATIONS.	PRESSURE. 1906–1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE. Means of 1906–1915. Dry Bulb 7 a.m.	Means of 1881–1915. Daily Maximum.	Means of 1881–1915. Daily Minimum.	Absolute Extremes. 1881–1915. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1881–1915. Days with Rain.	Total Fall.		BRIGHT SUNSHINE. 1881–1915. Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr	%
APRIL.	Lerwick	1010·9	40·9	46·0	36·9	59	1901, 14	21	1899	19	58	2·28	—	—
	Stornoway	1011·9	41·9	49·5	37·5	67	1893	20	1881	19	77	3·03	5·13	36
	Castlebay (Barra Isd.)	[1012·6]§	[44·0]§	[48·5]§	[41·1]§	[62]§	[1915]§	[27]§	[1908]§	[20]§	[72]§	[2·84]§	[5·33]§	[38]§
	Eskdalemuir	[1015·9]¶	[39·6]¶	[50·0]‖	[33·9]‖	[67]‖	[1914]‖	[18]‖	[1910]‖	[17]‖	[113]‖	[4·44]‖	[4·60]‖	[33]‖
	Malin Head	1012·6	43·4	[49·7]*	[40·8]*	[69]*	[1914]*	[26]*	[1908]*	[19]*	[50]*	[1·97]*	—	—
	Blacksod Point	1013·9	45·7	[51·5]*	[41·9]*	[71]*	[1893]*	[29]*	[1897, 1911]*	[20]*	[74]*	[2·90]*	—	—
	Valencia	1015·9	45·5	53·4	42·6	70	1892	30	1879, 92, 97, 98, 1906	19	93	3·67	5·33	39
	Roche's Point	1016·1	45·0	52·9	42·2	72	1893	29	1908	16	68	2·68	—	—
	Birr Castle	1015·2	42·2	54·2	38·0	73	1893	21	1892	16	55	2·15	5·13	37
	Donaghadee	1014·6	42·6	51·1	40·2	67	1909	28	1908	16	51	2·00	—	—
	Liverpool (Observatory)	1015·2	43·1	52·4	40·2	75	1893	28	1908, 11	14	41	1·63	[5·77]§	[42]§
	Holyhead	1014·9	45·0	51·2	41·5	75	1893	30	1908	14	53	2·08	[6·70]**	[48]**
	Pembroke (St. Ann's Hd.)	1015·4	44·3	50·6	42·0	70	1893	28	1911	15	50	1·95	5·93	43
	Scilly (St. Mary's)	1015·9	46·7	52·7	44·5	66	1893	30	1911	15	49	1·91	6·03	44
	Falmouth	1016·6	45·7	52·6	42·9	69	1893	29	1911	15	67	2·64	6·13	45
	Jersey (St. Aubin's)	1016·5	47·0	54·5	43·7	77	1893	28	1911	15	49	1·94	6·47	47
	Portland Bill	1015·6	45·2	51·6	42·3	[65]†	[1901, 04]†	[28]†	[1911]†	13	40	1·58	—	—
	Dungeness	1015·1	44·5	51·7	40·5	67	1901	24	1903	13	35	1·36	—	—
	Dover	[1016·1]§	[45·1]§	[52·6]§	[40·0]§	[71]§	[1914]§	[27]§	[1911]§	[14]§	[41]§	[1·60]§	[6·93]§	[51]§
	Wick	1011·7	41·3	49·1	36·8	69	1900	20	1905	18	51	1·99	—	—
	Nairn	1012·3	41·0	51·8	35·9	73	1914	18	1908	16	38	1·50	[4·83]‡	[34]‡
	Aberdeen	1013·4	42·2	49·8	37·6	74	1900	22	1908	17	48	1·87	5·27	37
	Leith	1013·7	42·9	52·6	38·1	73	1900	17	1908	14	33	1·29	—	—
	Tynemouth	1014·4	42·0	50·5	37·7	71	1892	23	1908	15	36	1·42	—	—
	Spurn Head	1014·5	43·3	49·8	40·0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1·12	[6·60]**	[48]**
	Yarmouth	1015·2	43·3	50·0	39·8	72	1885	27	1911	14	38	1·49	[6·63]§	[48]§
	Clacton-on-Sea	1015·5	43·9	50·9	40·2	[69]‡	[1907, 09, 12]‡	[25]‡	[1911]‡	11	33	1·28	6·03	44
	Nottingham	1015·4	42·4	54·1	37·8	77	1893	23	1888	15	36	1·43	4·97	36
	LONDON (Kew Obsy.)	1016·2	43·2	55·0	30·5	80	1893	27	1887, 91, 11	13	37	1·45	5·23	38
MAY.	Lerwick	1013·7	44·6	49·9	40·5	63	1895	28	1909	18	53	2·09	—	—
	Stornoway	1013·7	46·9	53·7	41·3	75	1908	26	1906	19	65	2·56	6·16	37
	Castlebay (Barra Isd.)	[1014·5]§	[48·2]§	[53·2]§	[44·9]§	[73]§	[1911]§	[32]§	[1909]§	[17]§	[54]§	[2·11]§	[7·23]§	[44]§
	Eskdalemuir	[1016·3]¶	[45·3]¶	[55·7]‖	[38·5]‖	[73]‖	[1915]‖	[23]‖	[1915]‖	[15]‖	[72]‖	[2·85]‖	[5·32]‖	[33]‖
	Malin Head	1013·1	47·6	[54·1]*	[45·0]*	[73]*	[1908]*	[35]*	[1886, 91, 97* 1904, 06, 10]	[17]*	[50]*	[1·98]*	—	—
	Blacksod Point	1013·6	49·7	[55·9]*	[45·8]*	[75]*	[1890, 1911]*	[34]*	[1910]*	[19]*	[72]*	[2·82]*	—	—
	Valencia	1014·3	50·6	57·9	46·5	74	1884, 95, 97	34	1885, 96	18	81	3·17	6·55	42
	Roche's Point	1015·0	50·2	57·4	46·5	73	1896	35	1909	15	62	2·43	—	—
	Birr Castle	1014·5	48·7	59·8	42·7	77	1881, 95, 1911	29	1885, 91, 1909, 14	16	57	2·23	5·87	37
	Donaghadee	1014·7	47·5	55·8	44·4	70	1896, 1911	33	1884, 85, 97, 1909	16	58	2·27	—	—
	Liverpool (Observatory)	1015·2	49·2	58·2	45·3	80	1895	30	1883	15	48	1·90	[6·84]§	[43]§
	Holyhead	1014·8	49·9	56·0	45·6	74	1895	37	1894, 1903, 07, 09	14	50	1·96	[7·10]**	[45]**
	Pembroke (St. Ann's Hd.)	1014·7	49·8	55·2	46·1	72	1890, 1910, 11, 15	36	1883, 87, 1904 05, 06, 10	14	49	1·91	6·97	45
	Scilly (St. Mary's)	1014·9	51·0	56·8	48·2	68	1911	38	1883	13	42	1·67	7·35	48
	Falmouth	1015·6	51·5	57·7	47·0	75	1915	36	1885, 1892	14	56	2·21	7·45	49
	Jersey (St. Aubin's)	1015·9	53·1	60·2	48·1	80	1913	35	1905, 06	13	46	1·82	7·81	51
	Portland Bill	1015·2	50·8	56·9	46·8	[74]†	[1911, 15]†	[36]†	[1900, 02]†	11	40	1·59	—	—
	Dungeness	1015·0	51·2	57·8	46·1	76	1892, 1913	30	1892, 1902	11	33	1·30	—	—
	Dover	[1016·5]§	[52·2]§	[59·6]§	[46·0]§	[77]§	[1909, 13]§	[35]§	[1909, 10]§	[11]§	[35]§	[1·39]§	[7·94]§	[52]§
	Wick	1013·8	45·9	53·4	40·8	71	1891	27	1886, 1902, 09	18	53	2·07	—	—
	Nairn	1013·8	46·7	56·8	40·7	78	1888	26	1894, 1914	17	46	1·80	[5·71]‡	[35]‡
	Aberdeen	1014·6	47·8	54·5	41·8	75	1002	29	1884, 91	17	59	2·33	6·03	37
	Leith	1014·5	48·2	57·3	42·8	81	1881	27	1883	14	46	1·83	—	—
	Tynemouth	1015·0	48·0	54·9	42·4	73	1903, 11	29	1891, 1909	14	51	1·99	—	—
	Spurn Head	1014·9	49·4	55·1	45·0	76	1913	34	1891	12	39	1·55	[5·74]**	[36]**
	Yarmouth	1015·3	50·4	55·9	45·2	81	1912	32	1891, 92	13	44	1·73	[7·48]§	[48]§
	Clacton-on-Sea	1015·4	51·3	57·5	45·5	[75]‡	[1909, 13]‡	[31]‡	[1902]‡	11	34	1·34	7·52	49
	Nottingham	1015·4	49·4	60·4	43·2	82	1895	27	1881, 1905	15	48	1·89	5·87	37
	LONDON (Kew Obsy.)	1015·8	51·1	61·7	45·0	84	1895	31	1886, 1892	12	44	1·72	6·48	42
JUNE.	Lerwick	1013·6	48·7	53·9	45·0	70	1891	33	1888	15	45	1·78	—	—
	Stornoway	1014·3	51·5	58·4	46·4	78	1911	31	1888	17	59	2·32	5·93	33
	Castlebay (Barra Isd.)	[1015·0]§	[52·2]§	[57·2]§	[49·2]§	[71]§	[1908, 10]§	[41]§	[1913]§	[16]§	[49]§	[1·91]§	[6·37]§	[36]§
	Eskdalemuir	[1015·2]¶	[51·1]¶	[61·2]‖	[43·9]‖	[78]‖	[1911]‖	[30]‖	[1914]‖	[15]‖	[77]‖	[3·05]‖	[5·63]‖	[33]‖
	Malin Head	1014·1	52·0	[58·7]*	[49·7]*	[78]*	[1905]*	[40]*	[1902, 07]*	[16]*	[54]*	[2·14]*	—	—
	Blacksod Point	1015·2	53·9	[60·6]*	[50·8]*	[82]*	[1887]*	[39]*	[1912]*	[17]*	[71]*	[2·79]*	—	—
	Valencia	1016·2	54·7	62·3	51·1	81	1887, 1902	37	1912	17	81	3·20	6·27	38
	Roche's Point	1016·4	54·5	62·4	51·3	80	1887	39	1912	14	68	2·67	—	—
	Birr Castle	1015·7	53·2	64·9	48·4	85	1887	32	1881	15	59	2·31	5·47	33
	Donaghadee	1015·2	51·8	60·7	49·3	77	1887	37	1885	15	59	2·33	—	—
	Liverpool (Observatory)	1015·6	54·0	63·6	51·0	85	1893	40	1903, 07	14	56	2·20	[7·00]§	[42]§
	Holyhead	1015·5	54·2	61·0	50·6	78	1888, 96	42	1882, 1912	13	55	2·15	[7·17]**	[43]**
	Pembroke (St. Ann's Hd.)	1015·8	53·4	60·0	51·3	79	1893	38	1888	13	50	1·98	7·27	44
	Scilly (St. Mary's)	1016·4	54·9	61·4	53·0	75	1893	41	1888	13	43	1·71	7·73	48
	Falmouth	1017·0	55·5	62·8	52·0	80	1893	42	1914	13	59	2·31	7·37	46
	Jersey (St. Aubin's)	1017·6	57·2	64·8	53·0	84	1893	39	1890	12	54	2·11	7·90	49
	Portland Bill	1016·2	55·0	61·6	52·2	[78]†	[1903]†	[43]†	[1903]†	10	34	1·33	—	—
	Dungeness	1015·8	56·2	62·8	51·7	76	1897, 1902, 03, 08, 14	37	1890, 91, 92, 93, 1909	11	40	1·56	—	—
	Dover	[1016·1]§	[56·8]§	[63·6]§	[50·3]§	[82]§	[1915]§	[38]§	[1911]§	[12]§	[54]§	[2·11]§	[7·57]§	[47]§
	Wick	1014·0	50·2	58·0	45·5	77	1887, 92	30	1881, 1903	16	46	1·80	—	—
	Nairn	1014·1	52·0	62·1	46·2	84	1888	30	1888, 1903	15	45	1·76	[5·57]‡	[32]‡
	Aberdeen	1014·7	53·0	59·9	47·0	80	1881, 87	30	1888	15	43	1·71	6·13	35
	Leith	1014·7	53·5	62·9	48·4	86	1887	34	1886	13	44	1·73	—	—
	Tynemouth	1015·1	53·2	60·7	47·8	80	1897	36	1907, 09	13	50	1·98	—	—
	Spurn Head	1015·0	54·4	60·9	50·6	83	1914	34	1881	12	39	1·53	[6·77]**	[41]**
	Yarmouth	1015·5	55·3	62·0	51·1	81	1888	37	1898	12	45	1·77	[7·27]§	[44]§
	Clacton-on-Sea	1015·9	56·1	63·5	50·9	[78]‡	[1903]‡	[38]‡	[1902]‡	10	40	1·58	7·33	45
	Nottingham	1015·6	54·2	66·7	48·8	88	1883	33	1906	13	49	1·93	5·87	35
	LONDON (Kew Obsy.)	1016·4	55·7	67·6	50·8	87	1900	38	1890, 92, 96	12	55	2·15	6·57	40

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

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

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

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

‡ The barometric change is expressed in half millibars.

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 MAY, , 1922.

Variable weather, especially with regard to temperature is frequently experienced in May and it happens occasionally, as for example in 1920, that the hottest day of the whole year occurs in this month. The first few days of May 1922 were cold, as had been the greater part of April, but by the end of the week the thermometer had risen considerably and on the 8th touched 80° at Benson and S.Farnborough. At Kew the maximum was 77°, a record for the early part of month. Subsequently high pressure to the northwestward of the British Isles caused a renewal of cool weather for a few days about the 10th - 13th.

The most notable feature, however, was the hot spell which began about the 20th in the Southeast. On four days in succession (21st - 24th) temperature rose above 80° at Kew and in three cases out of the four the maximum value, 86°, was above any previously recorded there in May since 1871: 84° was registered on the 30th in 1895. The latter month with its abundant sunshine and scanty rainfall bore considerable resemblance to the one just ended. In both cases conditions towards the end of the month favoured the development of occasional thunderstorms inland and local fog at sea. Thick fog in the Channel on the 20th was the occasion of the fatal collision of the Seine with the Egypt.

Telegraphic Code for Surface Visibility.

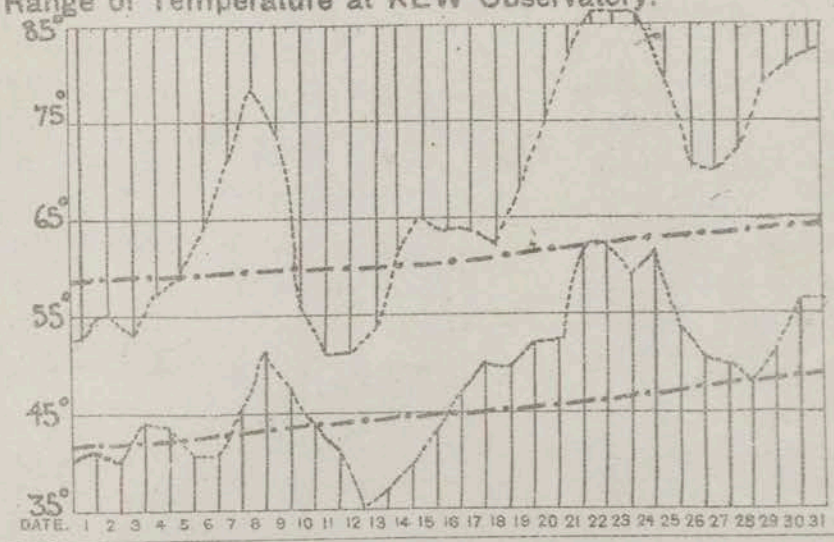
		Land Reports.
0. Dense fog.	Objects not visible at	55 yards.
1. Rather thick fog	" "	220 "
2. Very bad	" "	550 "
3. Bad	" "	1,100 "
4. Very poor	" "	1¼ miles.
5. Poor	" "	2½ "
6. Moderate	" "	6¼ "
7. Good	" "	12½ "
8. Very good	" "	31¼ "
9. Excellent	" beyond	31¼ "

For making reports of visibility a set of "objects" is chosen at each station at certain specified distances. The degree of visibility is judged by noting the most distant of these objects which can be seen at the time of observation.

Daily Range of Temperature at KEW Observatory.

The upper pecked curve indicates the maximum temperature recorded each day throughout the month between 7h. and 18h.; the lower curve indicates the minimum temperature recorded each night between 18h. of one day and 7h. of the next.

The two nearly horizontal chain lines show the normal trend of day maximum and night minimum temperature.



SURFACE VISIBILITY. [No. of observations within fixed limits of telegraphic code.]

STATIONS.	1H. 0	1	2	3	4	5	6	7	8	9	7H. 0	1	2	3	4	5	6	7	8	9	13H. 0	1	2	3	4	5	6	7	8	9	18H. 0	1	2	3	4	5	6	7	8	9
Stornoway	0	0	0	0	5	17	7	2	0	0	0	0	0	0	1	5	22	3	0	0	0	0	0	0	0	4	24	3	0	0	0	0	0	0	0	3	23	5	0	0
Aberdeen	*	*	*	*	*	*	*	*	*	*	0	0	0	0	2	1	7	5	16	0	0	0	0	0	0	0	7	5	18	1	0	0	0	1	0	1	6	6	17	0
Edinburgh (Inchkeith) ...	0	0	1	0	0	0	2	5	22	1	0	1	0	1	0	1	6	10	12	0	0	0	0	0	0	0	2	9	20	0	0	0	0	0	1	0	1	4	24	1
Renfrew	*	*	*	*	*	*	*	*	*	*	0	0	2	1	2	5	12	7	2	0	0	0	0	0	1	2	11	7	7	3	0	0	0	0	0	5	6	5	9	6
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	0	2	0	0	3	1	9	7	9	0	0	0	0	0	0	3	6	9	13	0	0	1	0	1	0	0	5	6	18	0
Baldonnell	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	0	0	0	1	1	1	8	19	6	0	0	0	0	0	0	0	1	6	24	0	0	0	0	0	0	0	2	14	14	1
Valencia (Cahirciveen) ...	*	*	*	*	*	*	*	*	*	*	0	1	0	0	0	3	8	6	10	3	0	0	0	0	1	1	3	8	0	5	0	0	1	0	0	1	5	10	7	2
Tynemouth	0	0	0	0	0	2	24	4	1	0	0	0	0	0	1	5	20	5	0	0	0	1	0	0	0	3	12	11	4	0	0	0	0	0	0	3	13	10	5	0
Holyhead	0	0	0	1	0	3	3	9	15	0	0	0	1	2	1	1	4	8	12	2	0	0	0	1	1	2	2	5	16	4	0	0	0	1	0	1	2	8	15	3
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	0	0	1	2	5	2	6	7	7	1	0	0	0	0	1	2	7	7	14	0	0	0	0	0	1	0	3	9	13	5
Nottingham	*	*	*	*	*	*	*	*	*	*	0	0	0	1	0	6	18	6	0	0	0	0	0	0	0	1	7	23	0	0	0	0	0	0	0	1	12	18	0	0
Cranwell	0	0	0	0	1	0	13	9	8	0	0	0	0	0	0	0	17	8	6	0	0	0	0	0	0	1	6	14	10	0	0	0	0	0	0	0	6	13	12	0
Gorleston	0	0	0	0	0	0	5	20	6	0	0	0	0	0	0	1	19	11	0	0	0	0	0	0	0	6	20	11	0	0	0	0	0	0	0	0	19	7	4	1
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	0	1	0	0	0	0	7	15	7	1	0	0	0	0	0	1	1	12	14	3	0	0	0	0	0	0	3	4	17	7
Benson	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	7	13	11	0	0	0	0	0	0	1	2	8	17	3	0	0	0	0	0	4	2	7	14	4
London (Kew Obs.) ...	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	1	24	4	1	0	0	0	0	0	0	1	5	12	13	0	0	0	0	0	1	3	4	5	13	0
Croydon	0	0	0	0	0	0	2	15	14	0	0	0	1	0	0	3	16	7	5	0	0	0	0	0	0	0	6	11	14	0	0	0	0	0	0	0	6	5	19	1
Ursin	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	3	7	13	7	0	0	0	0	0	0	2	0	7	22	0	0	0	0	0	0	0	2	5	24	0
Lympne	0	1	0	0	0	0	1	12	17	0	0	0	0	0	0	0	12	12	7	0	0	2	0	0	0	0	2	2	22	3	0	1	0	0	1	0	3	5	21	0
Falmouth (Pendennis) ...	0	2	0	0	2	1	6	6	12	2	0	2	2	1	1	1	7	8	7	2	0	3	0	1	0	1	2	12	8	4	0	1	0	0	1	2	2	12	10	3
Southampton (Calshot) ...	0	0	1	0	0	0	1	9	20	0	0	0	0	0	1	4	6	15	5	0	0	0	0	0	0	0	4	13	14	0	0	0	0	0	0	0	2	11	18	0

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

Pc.2122/534 m. 259 (7350)/pk. 1080. 510. 6/22

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

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

STATIONS.	Temperature. Number of daily readings within fixed limits. † Maximum. 42 - 50	51 - 59	60 - 68	69 - 77	78 - 86	87 or above.	Normal Max. °F.	† Minimum. 23 or below	24 - 32	33 - 41	42 - 50	51 - 59	60 - 68	Normal Min. °F.	Extremes—Warmest and Coldest Days. Highest Maximum. °F.	Date.	Lowest Maximum. °F.	Date.	Nights. Highest Minimum. °F.	Date.	Lowest Minimum. °F.	Date.	Number of Ground Frosts.	Low Cloud. Number of observations within fixed limits. 7h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	13h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	18h. Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.
Stornoway ...	11	18	2	0	0	0	53·7	0	0	12	19	0	0	41·3	65	31	45	15	50	30, 31	35	2, 12	*	16	13	0	19	11	0	17	16	0
Aberdeen ...	6	10	13	2	0	0	54·9	0	0	11	17	3	0	41·7	74	31	45	12	59	31	34	12	4	0	13	6	0	23	1	2	23	2
Edinburgh ... (Inchkeith)	5	10	5	1	0	0	*	0	0	7	22	2	0	*	70	31	47	12	52	26	37	2	0	*	*	*	*	*	*	*	*	*
Renfrew	2	18	10	1	0	0	*	0	1	11	15	4	0	*	74	31	50	1, 4	55	22	29	2	8	4	22	2	0	28	0	1	25	3
Eskdalemuir ...	9	14	7	1	0	0	*	1	2	18	10	0	0	*	74	31	43	1	49	22	22	13	?5	9	18	1	8	19	3	6	21	0
Dublin ... ... (Phœnix Park)	0	14	10	5	2	0	58·1	0	2	9	15	5	0	41·6	80	31	51	1	52	7, 8, 20, 21	28	2	2	*	*	*	*	*	*	*	*	*
Baldonnel ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	16	9	5	1	0	59·8	0	2	3	20	6	0	42·7	78	31	51	1	55	26	29	2	2	5	26	0	1	30	0	3	26	0
Valencia ... ... (Cahirciveen)	2	23	3	3	0	0	57·9	0	0	3	19	9	0	46·5	77	31	49	1	57	31	40	13	0	14	13	0	7	20	0	8	16	0
Tynemouth ...	3	13	11	3	1	0	54·9	0	0	7	18	6	0	42·4	81	31	45	12	56	21	35	2	*	0	12	0	1	20	0	1	19	0
Holyhead ...	3	19	7	2	0	0	56·0	0	0	0	29	2	0	46·6	71	31	47	1	54	31	42	1, 2	0	10	13	0	6	18	0	6	10	1
Liverpool ... (Bidston)	4	10	12	5	0	0	58·2	0	0	6	17	8	0	45·3	74	21	46	1, 11	57	31	38	2	0	2	15	0	4	25	0	1	19	0
Nottingham ...	3	6	11	4	7	0	60·4	0	0	10	11	9	1	43·2	82	23	45	11	61	22	34	3	2	2	16	0	6	18	0	5	16	0
Cranwell	2	7	9	7	6	0	*	0	1	10	13	6	1	*	82	22	45	11	60	22	31	13	4	2	14	2	1	24	1	1	20	3
Gorleston ...	5	5	14	7	0	0	55·9	0	0	8	15	8	0	45·2	74	30	48	11	58	31	37	1	0	0	7	5	0	16	2	0	11	3
Ross-on-Wye ...	1	8	8	9	5	0	63·0	0	1	5	16	9	0	43·6	82	21	50	11	56	23	32	13	2	1	15	1	0	17	7	0	20	0
Benson	*	*	*	*	*	*	*	0	3	12	9	6	1	*	85	22	50	1	61	25	25	13	9	*	*	*	*	*	*	*	*	*
London ... ... (Kew Obsy.)	0	9	7	7	8	0	61·7	0	0	9	11	9	2	45·0	86	22, 23, 24	51	11, 12	62	25	35	13	4	0	14	0	0	10	8	0	12	4
Croydon	0	9	6	9	6	1	*	0	0	9	12	7	3	*	87	22	51	1	62	22	34	13	1	3	10	0	1	17	3	1	14	1
Grain	3	5	12	6	3	2	*	0	0	9	15	7	0	*	89	23	49	1	59	22	34	14	8	0	12	0	0	15	3	1	13	2
Lympne	4	12	5	9	1	0	*	0	0	12	10	6	3	*	80	22	48	1	61	24	35	2	8	6	9	0	5	16	1	4	9	2
Southampton ... (Calshot)	0	16	7	7	1	0	*	0	0	6	13	12	0	*	79	24	51	1, 3	57	25	37	1, 2, 13	0	3	10	3	3	17	1	2	9	3
Falmouth ... (Pendennis)	1	15	13	2	0	0	*	0	0	2	19	10	0	*	73	31	50	1	53	23	41	2, 14	-	0	21	0	1	21	0	0	21	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	Leuchars. Mean.	No. of Reports.	Baldonnel. Mean.	No. of Reports.	Andover. Mean.	No. of Reports.
mb.	feet.	°F.	°F		°F.		°F.	
950	1830	47	58	1	57	14	57	9
850	4810	38	51	1	49	15	44	9
750	8090	28	48	1	39	14	35	9
650	11,770	17	37	1	22	4	22	9
550	15,950	3	-	0	-	0	8	7

UPPER WINDS.

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

Station. Height. Feet.	Renfrew. No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.	Valencia. No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.	Lympne. No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.
2,000	47	12	23	12	-	-	37	11	16	8	2	-	75	30	39	6	-	-
5,000	15	1	8	4	2	-	20	2	14	4	-	-	50	12	31	7	-	-
10,000	1	-	-	1	-	-	11	1	7	3	-	-	14	1	8	5	-	-
15,000	0	-	-	-	-	-	6	-	3	3	-	-	0	-	-	-	-	-

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

RAINFALL, HUMIDITY AND LOW CLOUD, MAY, 1922.

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

STATIONS.	Sunshine: Number of Days with duration: Nil	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Sunshine: Maximum Duration: Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Rainfall: Number of days with amount: 0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	Maximum fall in 24 hrs.: mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month.*	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	1	9	9	7	5	12·2	26	1151	−108	159	−32	6	6	11	8	0	0	15	7	1316	+50	124	+59	0	0
Aberdeen ...	1	5	9	10	6	16·3	31	1323	−64	192	+5	21	5	4	1	0	0	11	15	558	−190	25	−34	0	1
Edinburgh ... (Inchkeith)	?2	7	9	7	6	15·2	31	*	*	181	*	19	6	4	2	0	0	10	21	*	*	28	*	0	0
Renfrew	3	7	8	7	6	14·4	31	*	*	167	*	14	8	3	5	0	1	34	15	1034	*	83	*	0	0
Eskdalemuir ...	4	9	7	6	5	14·5	31	1317	*	150	*	11	5	10	2	3	0	18	16	1373	*	102	*	0	1
Dublin ... ... (Phœnix Park)	1	5	4	8	13	14·2	28	1596	+89	242	+37	20	6	4	1	0	0	6	17	615	−90	18	−35	?1	0
Baldonnel ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Birr Castle ...	3	5	6	3	14	13·5	28	1451	+108	209	+27	15	6	7	3	0	0	14	20	826	−3	47	−10	0	0
Valencia ... ... (Cahirciveen)	6	5	3	9	8	15·3	28	1481	+36	200	−3	12	6	9	1	3	0	20	21	1309	−105	90	+9	0	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	20	7	2	2	0	0	12	16	547	−74	27	−24	2	0
Holyhead ...	3	6	5	4	13	14·6	30	1672	*	229	*	19	5	5	1	1	0	13	16	799	−89	23	−27	0	0
Liverpool ... (Bidston)	1	5	8	6	11	14·2	28	1590	*	222	*	21	5	3	1	1	0	22	16	663	−46	38	−10	0	0
Nottingham ...	2	5	6	8	10	13·9	28	?1438	+?113	?190	+?8	22	2	5	2	0	0	11	22	593	−5	28	−20	3	0
Cromwell ...	1	1	3	7	19	14·6	28	1786	*	222	*	20	5	5	1	0	0	7	22	517	*	17	*	5	0
Gorleston ...	2	1	4	5	19	15·0	28	*	*	280	*	24	4	3	0	0	0	3	1	551	−71	11	−33	2	0
Ross-on-Wye ...	1	4	5	8	13	14·8	27	1698	*	246	*	*	*	*	*	*	*	2	4	580	−138	11	−43	2	0
Benson	*	*	*	*	*	*	*	*	*	*	*	22	2	4	3	0	0	6	3	438	*	25	*	1	0
London ... ... (Kew Obsy.)	2	2	3	4	20	14·7	28	1700	+125	291	+30	23	3	3	2	0	0	10	24	405	−201	26	−18	3	0
Croydon	1	3	4	4	19	14·6	28, 29	*	*	285	*	19	3	9	0	0	0	5	3, 22	450	*	29	*	4	0
Grain	0	5	5	1	20	14·8	27, 28	1852	*	281	*	21	5	3	2	0	0	9	25	*	*	25	*	2	0
Lympne	1	2	3	6	19	15·6	29	2022	*	312	*	22	6	1	2	0	0	5	1	463	*	15	*	2	0
Southampton ... (Calshot)	0	3	?5	3	20	15·0	29	?1989	*	?300	*	22	5	4	0	0	0	4	16	466	*	14	*	2	0
Falmouth Observatory ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2	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	4	5	9	8	5	0
Renfrew	0	3	3	7	7	8	3	0	0
Eskdalemuir ...	1	1	4	2	7	5	10	1	0
Valencia	0	3	3	7	12	4	1	1	0
Benson	0	0	1	3	6	11	9	1	0
London ... ... (Kew Obsy.)	0	0	0	1	4	5	18	3	0
Falmouth	*	*	*	*	*	*	*	*	*

NOTES ON CHART OF ISOPLETHS (p. 4).

The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to 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.

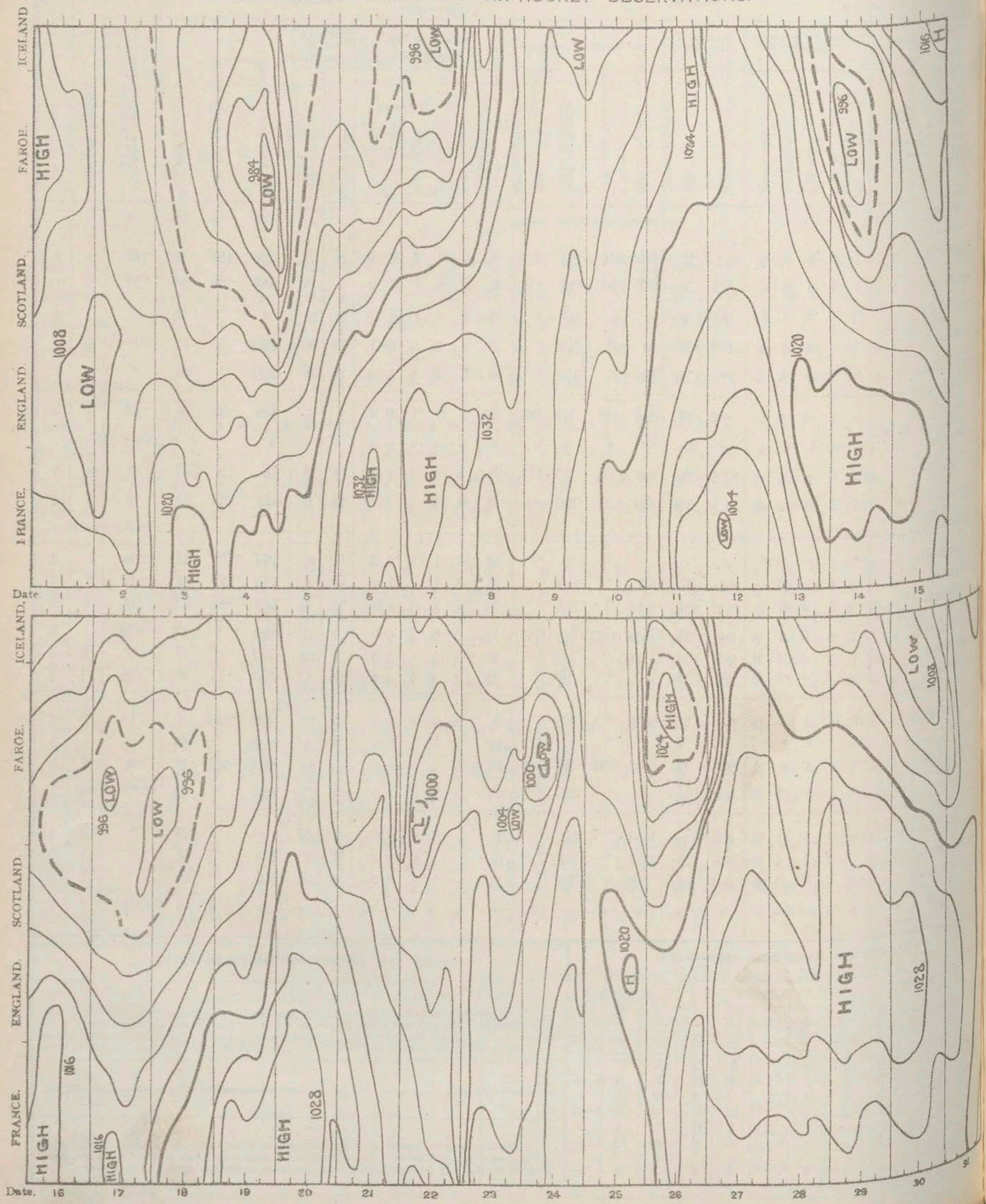
——— = 1,020 mb. — — — = 1,000 mb. ×—×—×—× = 980 mb. —o—o— = 960 mb.

* 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 MAY 1922.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



* For explanation see page 3.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22074 Monday, 1st MAY 1922.

Observations at 1300 G.M.T. 30th Apl.

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·9	+1	NNE	2	or₀	43	92	7	4000	CuNb	5	aSt	10	*
Stornoway	1015·1	+1	N	3	0	46	75	6	4000	Cu	9	-	9	*
Wick	1012·4	+2	NNW	3	or₀	46	85	8	2500	CuNb	9	-	9	*
Castlebay	1016·6	0	NW	4	c	48	75	6	1500	CuNb	7	-	7	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1012·5	+2	NE'E	3	or₀	45	97	7	1500	Nb	10	-	10	*
Malin Head	1016·1	+1	NNW	3	c-	42	97	8	4000	Cu	7	-	7	*
Renfrew	1012·7	0	N	3	o-	50	65	8	2500	StCu	9	-	9	*
Edinburgh (Inchkeith)	1011·6	0	N	2	or₀	46	85	8	*	CuNb	9	-	9	*
Leuchdemuir	1011·8	0	WNW	1	o	47	65	8	2500	StCu	9	-	9	*
Tynemouth	1011·6	0	NE	2	b	49	85	8	4000	CuNb	3	-	3	*
Blackpool Point	1018·6	+2	NW	5	c	48	65	8	-	CuNb	8	-	8	*
Donaghadee	1014·4	+1	NNE	3	b-	49	75	8	4000	Cu	2	-	2	*
Rhyl	1016·9	*	N	2	o+	50	75	7	4000	Cu	9	-	9	*
Holyhead	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Liverpool (Bidston)	1013·4	+1	N	4	bc/r	49	85	9	2500	Cu	4	-	4	*
Chester (Shotwick)	1012·1	0	WNW	3	b	47	75	7	4000	Cu	2	-	2	*
	1010·8	0	NNW	4	b-	50	65	8	4000	Cu	3	-	3	*
Spurn Head	1010·8	-1	NNE	3	b	53	97	6	4000	Cu	1	-	1	*
Nottingham	1010·8	*	NNW	2	bc+	54	55	6	1500	Cu	5	-	5	*
Cromwell	1011·3	-1	NNW	3	bc+	53	65	7	4000	Cu	5	-	5	*
Coleshaw	1010·5	-1	NE	4	bc+	50	75	5	4000	Cu	4	-	4	*
Valencia (Cahirciveen)	1019·1	+1	NNW	4	c	48	65	9	4000	Cu	7	-	7	*
Rhoscrowe Point	1016·7	0	N	3	c-	49	92	8	2500	CuNb	8	-	8	*
Pembroke (St. Ann's H.)	1015·1	0	NW	4	bc-	47	92	7	2500	Cu	6	-	6	*
Ross-on-Wye	1011·4	-1	W'N	2	bc-	53	55	9	4000	Cu	4	-	4	*
Benson	1011·0	0	N	3	b	53	65	5	-	Cu	2	-	2	*
S. Farnborough	1010·8	0	NNW	2	c	54	55	6	4000	Cu	7	-	7	*
London (Kew Obsy.)	1010·8	-1	NNW	3	bc	52	55	6	2500	Cu	1	aCu	6	*
Croydon	1011·1	-1	NNW	4	o	50	55	5	7250	StCu	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1010·4	-2	NE	2	c-	51	75	6	4000	Cu	8	-	8	*
Grain	1009·9	0	-	0	c	53	55	7	4000	Cu	8	-	8	*
Lympne	1009·3	0	N'E	4	bc	53	65	7	4000	Cu	6	-	6	*
Selsey (St. Mary's)	1015·1	+1	NE	4	c	48	75	8	4000	CuNb	8	-	8	*
Falmouth (Pendennis)	1014·4	+2	NNE	5	bc	47	75	7	4000	Cu	5	-	5	*
Plymouth (Cattewater)	1013·0	+1	N	2	bc	51	65	8	2500	Cu	6	-	6	*
Portland Bill	1010·8	0	NE	2	b+	47	85	6	-	-	0	Ci Cu	3	*
Southampton (Calshot)	1010·6	-1	N	3	bc+	54	55	7	4000	Cu	5	-	5	*
Dungeness	1009·4	0	NE	2	bc	54	65	7	2500	Cu	5	-	5	*
Jersey	1011·4	0	NNW	4	b	52	75	8	-	-	0	-	0	*

Observations at 1800 G.M.T. 30th Apl.

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·6	0	NW	2	or₀	39	92	7	2500	Nb	10	-	10	1
Stornoway	1015·6	0	N	3	opr₀	43	85	6	450	St	10	-	10	2
Wick	1012·6	0	NNW	3	o/r	43	97	8	4000	CuNb	8	aSt	10	0
Castlebay	1016·6	0	NW	4	bc	46	75	6	1500	Cu	4	-	4	4
Nairn	1013·8	*	N	1	c	44	85	8	1500	St	8	-	8	*
Aberdeen	1012·6	0	N'W	3	c/r	46	85	7	2500	StCu	7	-	7	0
Malin Head	1016·3	0	NW	3	bc-	45	97	8	4000	Cu	5	-	5	1
Renfrew	1012·9	+1	NE	2	oPR-	48	75	5	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1012·6	+1	ENE	2	o+	45	85	8	-	StCu	9	-	9	2
Leuchdemuir	1012·6	0	ENE	3	o/r	43	85	8	2500	StCu	9	-	9	*
Tynemouth	1011·9	0	NE	1	b	46	85	8	-	-	0	aCu	2	0
Blackpool Point	1019·1	+1	NW	4	bc	48	65	8	-	CuNb	6	-	6	4
Donaghadee	1014·6	0	N	3	bc	48	75	8	-	-	0	aSt	4	4
Rhyl	1016·6	*	NW	2	c-	48	85	7	2500	CuNb	8	-	8	*
Holyhead	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Liverpool (Bidston)	1013·9	+1	N	3	b-	47	85	9	4000	StCu	2	CiSt	3	1
Chester (Shotwick)	1012·5	+1	WNW	3	b	47	75	9	-	-	0	-	0	3
	1011·3	+1	NW	5	b	48	75	9	4000	Cu	1	aCu	2	*
Spurn Head	1010·8	0	N	3	bc	47	92	6	4000	CuNb	3	aCu	5	3
Nottingham	1011·1	*	NNW	3	opr₀	46	75	4	1500	Nb	6	aSt	10	*
Cromwell	1011·2	0	NE'N	3	o	49	65	7	2500	St	7	aSt	10	*
Coleshaw	1010·3	0	N	3	b	50	75	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1019·7	+1	NNW	4	bc+	48	65	8	4000	CuNb	4	-	4	1
Rhoscrowe Point	1017·1	+1	N	3	c	50	85	8	2500	CuNb	8	-	8	0
Pembroke (St. Ann's H.)	1015·1	0	NW	3	bc	46	85	8	2500	Cu	4	-	4	2
Ross-on-Wye	1011·8	+2	NNW	3	bc	50	65	9	4000	CuNb	6	-	6	*
Benson	1011·0	0	?	2	bc	52	55	7	-	Cu	5	-	5	*
S. Farnborough	1010·9	0	NNW	2	c-	52	55	6	-	-	0	aCu	8	*
London (Kew Obsy.)	1010·7	0	WNW	2	bc-	53	55	6	2500	St	1	aCu	6	*
Croydon	1011·2	0	NNW	3	b-	51	55	6	-	-	0	aCu	3	*
Clacton-on-Sea	1010·8	0	ESE	1	b	49	75	6	4000	Cu	3	-	3	1
Shoeburyness	1010·3	0	-	0	bc	49	75	6	-	-	0	CiSt	4	*
Grain	1010·4	0	-	0	bc/r	49	75	7	7250	Cu	5	-	5	0
Lympne	1000·3	+1	WNW	2	c	47	75	7	5750	StCu	3	aCu	8	*
Selsey (St. Mary's)	1015·0	0	N	4	bc	49	65	8	4000	Cu	4	-	4	4
Falmouth (Pendennis)	1014·9	+2	NNE	4	b-	47	75	8	4000	Cu	2	-	2	0
Plymouth (Cattewater)	1013·8	+1	NNW	4	b	48	75	8	2500	Cu	1	-	1	0
Portland Bill	1010·8	0	-	0	b	48	85	7	-	-	0	-	0	0
Southampton (Calshot)	1011·2	+1	N	3	bc-	53	55	7	4000	StCu	4	-	4	0
Dungeness	1010·3	+1	NW	2	c₀	48	85	7	-	?	8	-	8	2
Jersey	1011·9	0	NW	3	b	50	75	8	-	-	0	-	0	3

LONDON OBSERVATIONS

	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. 1st								YESTERDAY.		TO-DAY.
Kew Observatory (24 hours ended 0700)	ozwezbdy	czozbdy	b	*	*	36	-	-	4·1	*	*
Greenwich (Royal Obsy.)	bmobzy	ozybzy	bcb	*	*	35	-	-	3·8	*	*
City (Bunhill Row)	o	orhb	bz/pom	56	37	29	2	-	3·0	76	78
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	1·3	*	*
Regents Pk. (Botanic Gdns.)	obc	o	o	55	48	32	-	-	2·2	55	51
Camden Sq.	*	*	*	*	*	*	*	*	1·3	*	
Kensington Palace	c	c	*	55	39	33	*	*	*	*	88
Hampstead Observatory	c	c	*	54	39	30	-	-	*	54 (18h.)	82
	*	*	*	*		*			0·9	*	

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.
-	-	-	-

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... Joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 30 Apl. 20h. 45m. to 1st May 3h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·30	5·18	82
δ Ursae Minoris	6·30	5·3	78

RADIO DISTURBANCE (Atmospherics) AT CROYDON.¹

Time.	Type.	No. per sec.	Stren.	Direc.
15h.	-	-	-	-
16h.	-	-	-	-
17h.	-	-	-	-
18h.	-	-	-	-
19h.	-	-	-	-

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

1st & 2nd MAY 1922

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.24 / 4.22	11.50 / 11.50	7.16 / 7.18
Greenwich	4.34 / 4.32	11.57 / 11.57	7.20 / 7.22
Wick	4.20 / 4.18	12.9 / 12.9	7.58 / 8.0
Valencia	3.13 / 3.11	12.38 / 12.38	8.2 / 8.4

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

SEA DISTURBANCE.

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

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

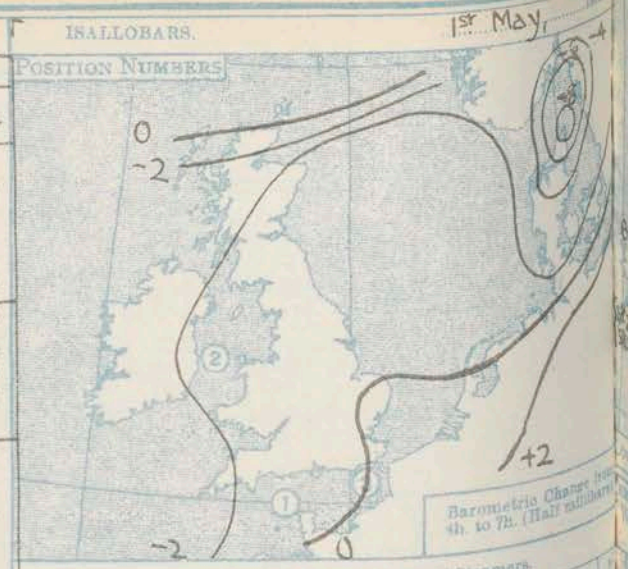
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

¹ For explanation, see Introduction. * Information for these columns not usually received. † The barometric change is expressed in half millibars. § For code see page 5

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 30	13h.-18h. 30	18h. 30 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. Hours.
Lerwick	P	r or d	00	north	46	37	•	1	2	0900	<2100	•
Stornoway	bo	p	p	p	48	39	•	0·6	1	1530	-	6·4
Wick	oir₀	od₀r	orr	or₀r₀	48	37	•	0·4	5	<0800	<2100	•
Castlebay	cobc	cbc	bc	cobbc	48	40	•	trace	trace		-	9·0
Nairn	irc		mirc	irc	48	36	•	1	4	<0800	<2100	1·2
Aberdeen	oirh	opr₀c	copr₀	opr₀c	50	38	35	3	1	1100	2200	2·4
Malin Head	c	b or bc	c	oo	47	41	•	-	-	-	-	10·5
Renfrew	c·op₀r₀	o·c·ob	omiR	omrr	55	39	37	trace	1	-	<2100	3·2
Edinburgh (Inchkeith)	p	p	ir₀r	r or d	49	39	37	1	8	-	2400	4·8
Eskdalemuir	oo	cp	oopo	oorro	52	34	32	•1	6	1530	<2100	4·0
Tynemouth	b or bc	bc	bcchr	p₀m	50	39	35	-	trace	-	1·30	•
Blacksod Point	c	c	oo	oo	50	42	•	-	-	-	-	•
Donaghadee	bcq	bcq	bcq	cp	50	41	•	-	0·6	-	3·30	•
Birr Castle	coir₀	cophrc	co	co	52	37	32	1	-	0900	-	4·6
Baldonnell												
Holyhead	or₀bcv	bc	bcbo	oo	49	42	43	trace	-	<0800	-	8·1
Liverpool (Bidston)	b or bc	b or bc	bor		50	41	33	-	2	-	5·30	10·6
Chester (Shotwick)	opr.bc	b or bc	bbc	~~[illegible]~~ corₒbR	51	38	34	0·3	0·5	0900	6·30	•
Spurn Head	b or bc	b or bc	b or bc	b or bc	53	40	•	-	-	-	-	10·3
Nottingham	c	oop₀	op.	oop₀	54	41	37	trace	trace	1430	<2100	4·7
Cranwell	bm.bo	c.o	oopoim	ophir	54	37	34	-	0·4	-	2·30	9·3
Gorleston	b or bc	bcmbm	ocb	bbc.c	51	37	35	-	-	-	-	12·0
Valencia (Cahirciveen)	c.pc	bc.b	beop	oiro	50	41	37	1	2	<0800	2200	7·2
Roches Point	b.pop.c	opo.c	bcb	bo	53	41	•	0·2	•	1230	-	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	c	49	42	•	-	-	-	-	10·8
Ross-on-Wye	bc.o.bi.bc	bccvy	bevovo	oebcor	56	37	32	-	1	-	5·30	9·6
Benson	b	c.b.o.co	bc	bc	55	31	25	-	-	-	-	•
S. Farnborough	c	oo	cb	b	57	34	27	-	-	-	-	8·0
London (Kew Obsy.)	ozwczbcy	cz.ozbcy	bb	bbbcmo	54	40	36	-	-	-	-	4·7
Croydon	bmobcy	ozy.bcy	bcb	bobcm	53	40	35	-	-	-	-	3·8
Clacton-on-Sea	bcbcm		bym	becom	54	40	35	-	-	-	-	8·6
Shoeburyness	c	bc	bcc	omx	56	38	28	-	-	-	-	9·4
Grain	c	cp.bo	bcbb	bbcom	54	36	28	trace	-	1330	-	5·4
Lympne	b or bc	bc.c.o.c	b or bc	obecco	53	38	29	-	-	-	-	7·2
Scilly (St. Mary's)	c	bc	bc	bcc	51	43	•	1	-			9·8
Falmouth (Pendennis)	bcp	bc.b	b or bc	bbcm	49	42	•	-	-	-	-	9·6
Plymouth (Cattewater)	c	c	b	oo	52	41	29	-	-	-	-	11·9
Portland Bill	b.bc	c.b	b	bc	52	41	•	-	-	-	-	•
Southampton (Calshot)	b.bc	c	b or bc	b or bc	57	42	34	-	-	-	-	8·7
Dungeness	b or bc	pr	b or bc	cMm	55	37	•	0·5	-	1630	-	•
Jersey	b	b	b	b	54	41	•	-	-	-	-	12·0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1600 30	"Cambria"	NW	5	b	44	46

GENERAL INFERENCE.

The development of a fresh depression over Denmark will maintain Northerly winds over the North Sea and our East coasts. In the Western districts winds are likely to back towards South under the influence of a depression approaching from the Atlantic. Weather will continue unsettled with rain or showers in most districts.

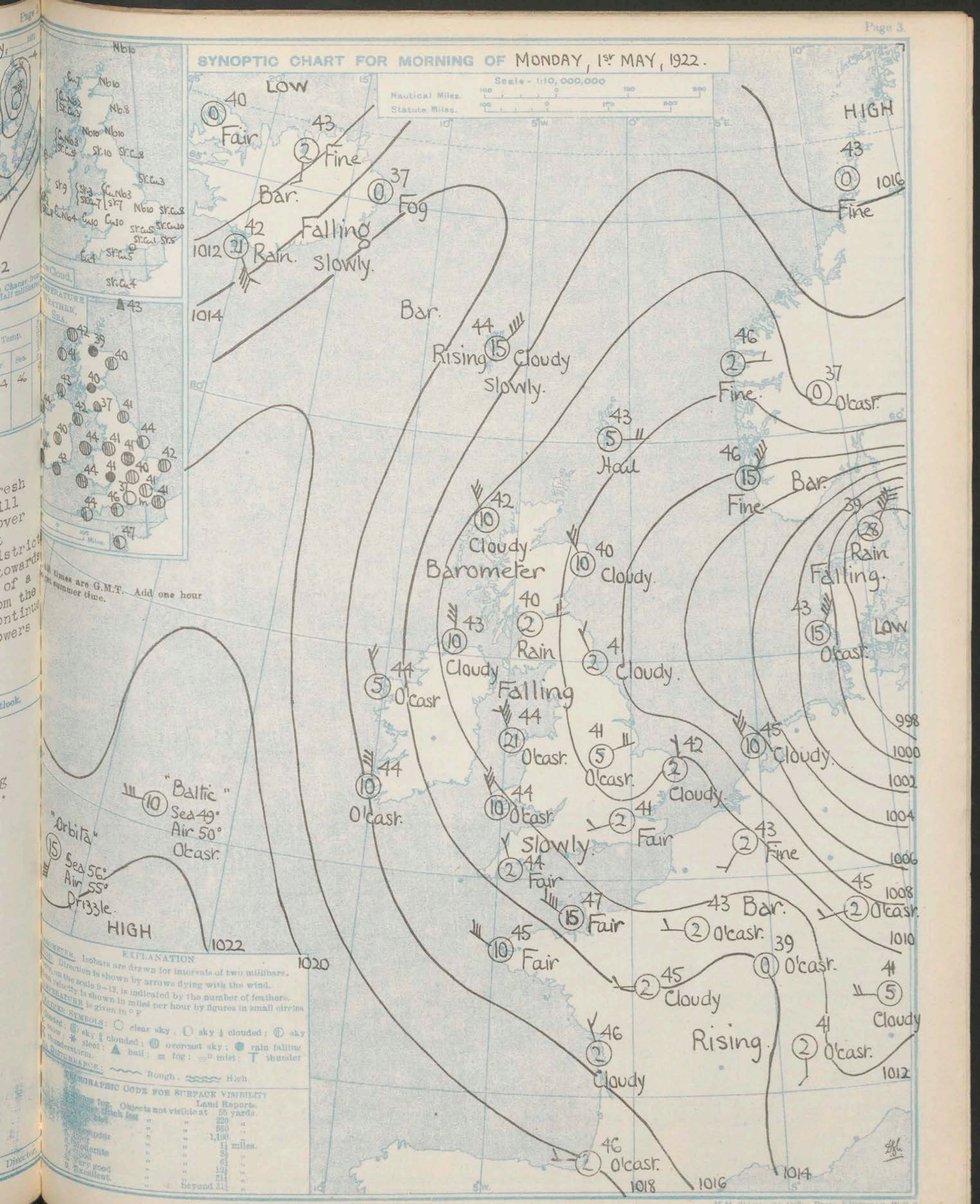
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 1st May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind mainly North-West, light; cloudy, some rain or showers; visibility moderate; cold.	Continuing unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind between N.W. and S.W., light or moderate; cloudy, some rain or showers; visibility moderate; somewhat milder temporarily.	
10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light Northerly or indefinite winds; dull, some rain or showers; visibility moderate; rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N. backing S. or S.W., cloudy, some rain or showers; visibility moderate; milder temporarily.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.20 GMT.

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

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF MONDAY, 1st MAY, 1922.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Monday, 1st MAY ... 1922. No. 122

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·0	0	-	0	bc-	38	92	6	-	-	0	ASt	5	*
Stornoway	1015·8	-2	NW	4	PR	*	*	5	*	*	*	*	*	*
Wick	1011·0	-3	NNW	2	ovr	39	97	8	4000	Nb	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1015·9	-1	NW	3	ovr	43	97	7	4000	Nb	10	-	10	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1011·7	-1	NW	1	ovr	41	97	8	-	Nb	10	-	10	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1011·2	-2	NW	1	0+	43	92	6	4000	StCu	10	-	10	*
Blacksod Point	1017·4	-1	NW	2	opr	48	?	3	-	-	0	A.St	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	-	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1012·5	-2	NNW	5	0	*	*	7	2500	StCu	10	-	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1010·6	0	N	2	b	42	92	7	2500	St	2	-	2	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1011·6	-2	NW	2	0	41	97	6	2500	St	10	-	10	*
Gorleston	1010·1	0	N'W	3	b-	42	92	6	-	-	0	-	0	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1017·9	-3	SW	1	cd+	44	97	4	-	-	0	ASt	7	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1014·9	-1	NNE	3	bc+	45	85	8	2500	Nb	4	-	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	41	*	*	*	*	*	*	*	*
Croydon	1011·6	0	WSW	2	b	41	85	7	7250	StCu	2	-	2	*
Cleton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1010·4	0	N'E	3	b	39	92	7	-	-	0	ACu	3	*
Scilly (St. Mary's)	1015·8	0	N	4	bc	45	85	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1015·6	0	N	2	b+	43	92	8	4000	Cu	2	-	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1012·7	+1	NW	3	b	45	85	7	-	-	0	-	0	*
Southampton (Calshot)	1011·7	-1	W'N	3	b	42	85	8	-	-	0	-	0	*
Dungeness	1010·7	-1	NW	2	b	40	97	7	-	-	0	-	0	*
Jersey 7a / Guernsey 1h	1014·8	0	NW	3	b.	46	85	8	-	-	0	-	0	*

Observations at 0700 G.M.T. 1st

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·7	+1	E	2	ov(r)	43	85	6	4000	Nb	10	-	10	1
Stornoway	1010·5	-2	NNW	3	c	42	97	6	4000	Cu	7	-	7	2
Wick	1008·5	-2	NW	1	ovr	41	97	8	4000	Nb	10	-	10	0
Castlebay	1011·8	-2	N	2	bc	41	85	7	1500	StCu	5	-	5	2
Nairn	1010·3	*	-	0	ovr	39	92	7	2500	Nb	10	-	10	*
Aberdeen	1009·9	-1	NW'N	3	c/r	40	92	8	1500	Nb	8	-	8	0
Malin Head	1011·4	-2	N	3	c	43	97	7	4000	StCu	7	-	7	0
Renfrew	1010·8	0	ENE	1	ovr	40	92	6	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1010·0	-2	W	1	ovr	39	97	7	-	Nb	10	-	10	*
Eskdalemuir	1010·3	-2	N	2	o/r	37	85	6	800	St	10	-	10	*
Tynemouth	1009·5	-2	NNW	1	c-	41	92	6	4000	StCu	8	-	8	0
Blacksod Point	1014·1	-3	NNW	2	0	44	?	9	-	-	0	ASt	10	1
Donaghadee	1012·1	-2	NNW	2	c/r	42	85	8	4000	StCu	6	ACu	8	3
Birr Castle	1013·9	*	NW	1	0+	40	97	7	2500	St	9	-	9	*
Baldonnell														*
Holyhead	1010·6	-2	NNW	5	0	44	85	8	2500	StCu	10	-	10	4
Liverpool (Bidston)	1010·3	-1	NW'N	1	o/r	41	92	6	1500	St	10	-	10	1
Chester (Sholwick)	1008·4	-2	NW	2	ovr	42	92	6	800	Nb	10		10	*
Spurn Head	1008·9	-2	WNW	3	bc	44	92	6	4000	StCu	3	CiCu	5	3
Nottingham	1009·5	*	ENE	2	0	41	92	5	1500	Nb	10	-	10	*
Cranwell	1010·2	-1	NW	2	0	41	92	6	1500	St	10	-	8	0
Gorleston	1010·0	0	N	1	c+	42	92	6	7250	StCu	8			
Valencia (Cahirciveen)	1016·0	-1	N	3	o/r	44	95	8	2500	StCu	10	-	10	1
Roches Point	1017·8	-2	NW	3	0	43	97	8	2500	CuNb	4	ASt	10	0
Pembroke (St. Ann's H.)	1012·6	-2	NW	3	0+	44	85	8	4000	Cu	10	-	10	3
Ross-on-Wye	1010·5	-1	W'S	1	ovr	41	92	7	2500	Nb	10	-	10	2
Benson	1010·1	-1	-	0	rc+	40	97	6	-	StCu	5	Ci	6	*
S. Farnborough	1010·4	-1	WNW	2	b+	37	92	8	-	-	0	Ci	3	*
London (Kew Obsy.)	1011·0	0	WSW	1	mbc	41	85	6	2500	StCu	1	ACu	4	*
Croydon	1010·9	-1	WSW	2	bc-	42	85	6	-	-	0	ACu	5	*
Cleton-on-Sea	1009·6	-1	W	2	0+	41	92	5	7250	StCu	10	-	10	0
Shoeburyness	1009·9	-1	-	0	mmo	42	85	5	1500	St	10	-	10	*
Grain	1010·4	0	-	0	mmo	42	92	4	-	-	0	ACu	10	*
Lympne	1010·0	0	N'W	1	0	41	92	6	-	-	0	ACu	10	*
Scilly (St. Mary's)	1015·1	-1	NNW	4	c	47	85	8	4000	Cu	5	Ci	7	4
Falmouth (Pendennis)	1014·3	-2	NNW	1	bc-	44	85	7	4000	Cu	4	CiCu	6	0
Plymouth (Cattewater)	1013·1	-3	-	0	0-	43	85	6	1500	St	6	ASt	10	0
Portland Bill	1012·7	0	NW	3	bc+	46	85	7	1500	StCu	5	-	5	0
Southampton (Calshot)	1011·0	0	NNW	2	c+	43	85	7	4000	StCu	4	ACu	7	0
Dungeness	1010·4	0	NNW	2	c+	41	97	5	800	St	5	ACu	8	2
Jersey 7a / Guernsey 1h	1012·9	0	WNW	4	bc	47	95	8	4000	StCu	4	-	4	3

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 29-30 °F	Temperature. Max. Day 30 °F	Rainfall.† Night 17h.-9h. 29-30 mm.	Rainfall.† Day 9h.-17h. 30 mm.	Sunshine. Sunrise to 17h. 30 hr.	Sunshine. Sunrise to Sunset 29
Banff	c.bc	cp.ovr	41	49	5	1	3·5	1·8
Montrose	ovr	ovr	40	48	3	7	2·0	2·7
Llandudno	c.o.c	b	42	51	0·1	-	6·5	12·6
Colwyn Bay	c.bc	bc.b	41	51	1	-	6·1	13·2
Rhyl	bc.c	bc.b	42	49	-	-	8·0	13·1
Southport	c.bc.b	b.bc.b	42	50	0·2	-	8·6	13·0
Blackpool	c.	bc.	42	51	-	-	8·3	11·6
Harrogate	bc.b	b.bc.o	33	52	-	-	6·7	12·4
Skegness	b	b	34	50	0·1	-	11·4	11·7
Aberystwyth	c.bc	b.bc	33	50	-	-	7·5	13·6
Bath	o.c.bc.b	bc.b	34	56	-	-	6·0	5·4
Leamington Spa	bo.	c.b	36	54	-	-	9·2	6·5
Lowestoft	b.bc.b	b	35	50	-	-	10·9	10·5
Felixstowe	bm	b.o.bcm	36	53	-	-	8·2	10·9
Southend	c.bc	c.bc	38	56	-	-	4·5	12·0

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 29-30 °F.	Temperature. Max. Day. 30 °F.	Rainfall.† Night 17h.-9h. 29-30 mm.	Rainfall.† Day 9h.-17h. 30 mm.	Sunshine. Sunrise to 17h. 30 hr.	Sunshine. Sunrise to Sunset 29
Paignton	b.bc	bc	38	55	-	-	9·8	5·8
Ilfracombe	b	b.bc.b	39	51	-	-	7·6	0·6
Bude	b	b	37	50	-	-	8·5	0·3
Penzance	o.c	c.bc.	41	51	-	-	5·5	2·6
Falmouth Observatory	bc	b	39	52	t	-	8·5	8·2
Torquay	b	b	38	55	-	-	8·7	5·3
Weymouth	b	bc	39	58	-	-	8·5	9·4
Bournemouth	b	b	35	57	-	-	9·5	10·7
Portsmouth (Southsea)	b	b	40	57	-	-	9·7	12·8
Worthing	b.bc.	c.	39	56	-	-	8·5	13·0
Brighton	b.bc	bc.o	40	56	-	-	6·5	12·9
Eastbourne	b.bc.c	o.c.o	41	57			6·5	13·3
Hastings	c.o.bc	c.o	38	54	-	-	6·1	13·3
Folkestone	b	o.cp.bc	40	56	-	0·1	7·2	11·0
Tunbridge Wells	b	c.o.op	32	54	-	-	5·7	5·6
Ramsgate	b	b	41	52	-	-	8·5	12·7
Margate	b	c	44	49	-	-	7·7	11·0
Deal	b	bc	37	54	-	-	9·0	11·7

* 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.22.075 2nd May. Tuesday 1922.

Observations at 1300 G.M.T. 1st / Observations at 1800 G.M.T. 1st

Stations	13h Barom. at M.S.L. (m.b.)	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 Height of Low Cloud (Feet)	13h Cloud Low Form.	13h Cloud Low Amt. (0-10)	13h Cloud Upper Form.	13h Cloud Total Amt. (0-10)	13h Sea (0-9)	18h Barom. at M.S.L. (m.b.)	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 Height of Low Cloud (Feet)	18h Cloud Low Form.	18h Cloud Low Amt. (0-10)	18h Cloud Upper Form.	18h Cloud Total Amt. (0-10)	18h Sea (0-9)
Lerwick	1011·3	0	E.N.E	3	bc	46	85	7	4000	StCu	4	–	4	*	1009·7	-4	ENE	3	c+	46	85	7	4000	Cu	5	CiCu	7	2
Stornoway	1009·4	-1	N.E	4	bc-	47	85	6	4000	Cu	5	–	5	*	1009·2	0	ENE	3	b-	45	85	7	4000	Cu	3	–	3	2
Wick	1009·0	+1	E	1	c	44	92	8	4000	CuNb	7	–	7	*	1008·9	0	NNE	2	bc-	43	92	8	4000	Cu	4	–	4	0
Castlebay	1009·7	-1	N.W	4	c	47	65	7	1500	StCu	7	–	7	*	1008·9	+1	N	3	b-	47	75	8	2500	Cu	2	–	2	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·5	–	NE	1	bc/r	44	75	8	4000	Cu	3	A.Cu	5	*
Aberdeen	1009·1	-1	N.E'N	2	opr₀	45	92	8	2500	Nb	10	–	10	*	1008·6	-1	E'N	2	c/r	43	85	8	4000	StCu	8	–	8	0
Malin Head	1010·1	-1	N	2	o	44	92	8	4000	StCu	9	–	9	*	1008·3	-1	N.	1	b	45	82	9	4000	StCu	3	–	3	0
Renfrew	1009·2	-1	W.NW	1	or₀	41	92	6	2500	Nb	10	–	10	*	1008·4	+0	N.E	1	or₀	43	92	6	2500	Nb	9	–	9	
Edinburgh (Inchkeith)	1008·6	-2	E	1	c	47	75	8	–	CuNb	7	–	7	*	1007·9	-1	E	2	bc-	44	85	8	–	StCu	4	–	4	2
Eskdalemuir	1008·4	-1	ESE	2	ojp	42	85	6	2500	St	10	–	10	*	1008·1	0	–	0	bc/h	41	85	8	~~2500~~ 1000	Nb	3	A.Cu	~~3~~ 5	*
Tynemouth	1008·5	-1	N.	1	b	47	85	8	4000	Cu	3	–	3	*	1008·0	-1	N.E	2	b	45	85	8	4000	CuNb	2	–	2	0
Blacksod Point	1010·7	-4	S.E	1	o	47	85	9	–	–	–	ASt.	10	*	1010·0	-1	N.W	2	o/r	47	82	7	–	–	–	A.St	10	3
Donaghadee	1010·6	-2	N.	2	c+	48	75	8	–	–	–	CiCu	7	*	1009·5	-1	N	2	b	45	75	8	–	–	–	ACu	3	0
Birr Castle	1011·3	*	N.W	2	c-	46	85	8	4000	Cu	8	–	8	*	1009·1	*	W	2	bc-	50	85	8	4000	CuNb	6	–	6	*
Baldonnell														*														*
Holyhead	1003·0	-2	N.W	5	or₀	47	75	8	1500	Nb	8	A.Cu	9	*	1008·1	-1	NNW	4	b-	45	75	9	4000	Cu	2	A.Cu	3	3
Liverpool (Bidston)	1007·4	-2	N.W'N	2	o/r	44	85	7	1500	CuNb	10	–	10	*	1006·5	-1	NNW	2	o/r	44	85	6	2500	CuNb	10	–	10	2
Chester (Shotwick)	1006·7	-1	N.W	4	o/r	48	75	8	2500	Nb	9	–	9	*	1005·1	+0	WNW	4	c/r	~~45~~ 85	45	68	1500	~~CuNb~~ St	5	Cu	8	*
Spurn Head	1007·6	-1	E.N.E	2	bc/r	50	75	6	4000	Cu	4	–	4	*	1006·5	-1	N.E	2	bc	45	82	7	4000	Cu	3	Ci	5	3
Nottingham	1007·4	*	WSW	2	o	45	85	6	1500	Nb	3	A.St	10	*	1005·8	*	NNE	1	o	45	75	5	800	Nb	10	–	10	*
Cranwell	1007·8	-3	WNW	1	o	52	65	7	2500	StCu	8	Ci St	9	*	1006·5	-1	NE'E	3	orr₀	43	92	6	–	Cu	1	CiSt	6	*
Gorleston	1006·5	-1	S.W	3	ojp	45	65	7	4000	Nb	5	ASt	10	*	1007·1	-1	WSW	2	or-	42	92	6	4000	Nb	8	CiSt	10	1
Pulham														*														*
Valencia (Cahirciveen)	1013·6	-3	–	0	orr₀	46	92	6	450	St	10	–	10	*	1012·1	-1	N.W	4	od	48	92	6	600	St	10	–	10	4
Roches Point	1012·8	-2	WNW	[illegible]	o	45	92	8	2500	StCu	10	–	10	*	1009·9	-3	N	1	org₀	46	97	7	1500	Nb	10	–	10	0
Pembroke (St. Ann's H.)	1011·4	-2	N.W	3	c	46	85	8	4000	Cu	7	–	7	*	1008·7	-2	N.W	2	bc	46	85	8	4000	Cu	4	–	4	3
Ross-on-Wye	1008·0	-3	W	3	opr₀	46	75	8	4000	Cu	4	ASt	10	*	1007·5	+0	NW W	2	o	45	75	9	4000	CuNb	9	–	9	*
Benson	1008·1	-2	WSW	1	or₀	46	75	9	–	Nb	10	–	10	*	1007·2	-2	N.W	2	bc-	45	65	8	–	StCu	6	–	6	*
S. Farnborough	1006·5	-1	W'S	2	orr	46	85	7	1500	Nb	10	–	10	*	1007·1	-1	WNW	3	or+	44	85	8	1500	CuNb	9	–	9	*
London (Kew Obsy.)	1008·2	-2	WSW	4	o/r	48	75	87	4000	Nb	8	Ci	9	*	1006·9	-1	S	1	o/r	46	85	5	4000	StCu	9	–	9	*
Croydon	1008·7	-2	S.W	3	opr₀	51	65	7	2500	Nb	6	A.St	10	*	1007·7	-1	SW	2	c/r	45	65	7	2500	StCu	5	CiSt	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1006·3	-2	N	2	o/r	44	85	6	2500	St	8	ASt	10	0
Shoeburyness	1008·1	-3	ESE	1	od₀	46	75	6	800	St	10	–	10	*	1005·5	-2	–	0	bc/r	47	75	7	450	CuNb	5	ASt	6	*
Grain	1006·4	-4	SSE	1	oH(R-)	48	75	7	800	Nb	10	–	10	*	1006·8	-3	W	4	o/h	45	85	7	1500	Nb	9	ASt	1	0
Lympne	1005·3	-3	ESE	2	o/r	44	85	7	4000	St Cu	6	A.St	10	*	1007·1	-1	W'S	3	o/r	45	85	9	2600	Nb	7	ASt	9	*
Scilly (St. Mary's)	1011·3	-3	SWW	2	orr	46	97	5	2500	St	10	–	10	*	1011·8	0	NW	5	c	46	75	8	4000	CuNb	8	–	8	4
Falmouth (Pendennis)	1012·2	0	N.W	3	or₀	45	92	7	2500	CuNb	10	–	10	*	1010·4	-2	N.W	3	bc-	46	75	8	4000	Cu	5	A.Cu	6	0
Plymouth (Cattewater)	1011·0	-1	WNW	3	o	48	65	8	1500	StCu	10	–	10	*	1009·4	-3	N.W	3	o-	47	65	8	1500	StCu	9	–	9	0
Portland Bill	1010·4	-3	WNW	4	bc	47	85	7	1500	StCu	5	–	5	*	1008·8	-2	NW'N	4	bc+	47	85	7	1500	StCu	6	–	6	0
Southampton (Calshot)	1009·2	-2	~~NW~~ SSW	4	o⊗	47	65	8	2500	Nb	3	ASt	10	*	1007·1	-2	WSW	3	c-	48	75	8	2500	CuNb	6	A.Cu	8	0
Dungeness	1009·5	-2	W	3	c-	52	75	7	–	CuNb	3	CiCu	5	*	1007·5	-1	W	3	o+	48	75	7	–	–	–	ASt	9	4
Jersey	1012·2	-0	SW	4	bc-	48	65	8	–	–	–	CiSt	4	*	1010·0	-1	WNW	3	o	46	85	8	2500	StCu	10	–	10	3

London Observations	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. 2nd								Yesterday.		To-day.
Kew	bcmwd	co ocpdo	orbgmck	*	*	39	1	1	3·7	*	*
Croydon (24 hours ended 0700)	bcopm-	ocp-ro	orrobc	*	*	37	1	2	3·7	*	*
Greenwich (Royal Obsy.)	oc	obcor	orro	53	40	33	1	1	3·0	67	81
City (Bunhill Row)	*	*	*	*	*	*	*	*	2·3	*	*
Westminster (St. James' Pk.)	bcop	ood	ro.o	54	41	37	0·3		2·5	73	79
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	2·5	*	*
Camden Sq.	c	p	*	54	41	40	1	–	*	*	83
Kensington Palace	or	p	*	54	41	37	1	–	*	92(18h.)	85
Hampstead Observatory	bcr	b	*	51	39	34	1	*	2·4	*	84

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.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... Joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 20 h 45 m. to 2nd 3 h 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6.30	1.5	17
δ Ursæ Minoris	6.30	0.54	9

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
1h.	–	*	*	*
15h.	*	*	*	*
21h.	*	*	*	*
07h.	–	*	*	–

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

2nd & 3rd May. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·20 / 4·22	11·50 / 11·50	7·18 / 7·19
Greenwich	4·32 / 4·31	11·57 / 11·57	7·22 / 7·23
Wick	4·18 / 4·16	12·9 / 12·9	8·0 / 8·2
Valencia	5·11 / 5·10	12·38 / 12·38	8·4 / 8·6

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

SEA DISTURBANCE.
0=no swell
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

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

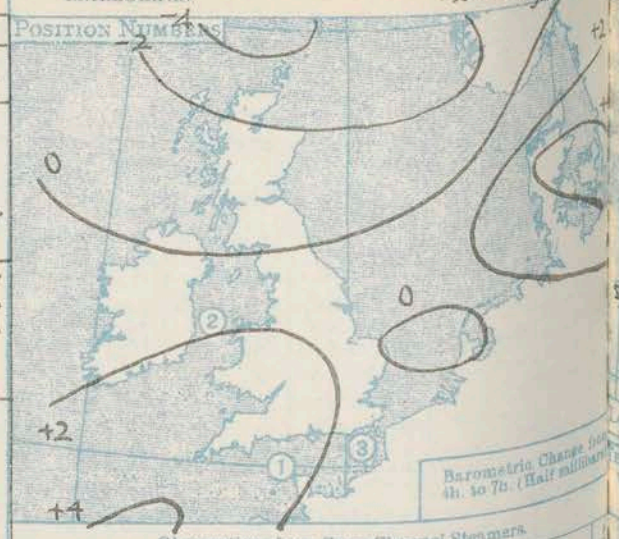
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 1st	13h.-18h. 1st	18h. 1st to 2nd	18h.-7h. 2nd	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	p	b.bc	b.bc	b.bc	47	41	•	1	-	-	-	•
Stornoway	r.rd	b.bc	bc	bc	48	35	•	1	-	-	-	8.1
Wick	c	c	b.bc	c	45	39	•	-	-	-	-	•
Castlebay	c	c.pb	b	bo	47	40	•	0.4	-	-	-	7.2
Nairn	r.c	bc	cbc	bc	49	37	•	1	-	<0800	-	6.4
Aberdeen	p	cp bc	cbop	oc	47	37	31	1	0.1	1100	2400	3.1
Malin Head	c	bcr	cmp	c	45	41	•	trace	0.3	17.30	2200	5.4
Renfrew	omr	orbc	bm	bmx	50	29	21	2	0.2	<0800	<2100	3.6
Edinburgh (Inchkeith)	c	b.bc	oo	f.m	49	37	32	0.3	-	17.30	-	7.4
Eskdalemuir	r.rd	ophrcbc	bcepb	b.bcb	43	25	21	1	0.1	<0800	<2100	1.2
Tynemouth	b bc	b.bc	b.bcm	cm	49	35	30	-	-	-	-	•
Blacksod Point	boo	oo	b.bc	b.bc	49	37	•	4	trace	-	2250	•
Donaghadee	bcq	bc	bc	bcz	49	37	•	-	-	-	-	•
Birr Castle	co	co	coph	cox	51	29	22	-	trace	-	<2100	3.3
Baldonnell												
Holyhead	or	ir o bc	b	bbec	47	42	40	0.3 ~~0.4~~	-	<0800	-	5.0
Liverpool (Bidston)	p	oo	f.m		46	38	34	3	-	<0800	-	0.7
Chester (Shotwick)	opro	orpdrf	com	obbm	49	42	36	0.5	-	<0800	-	•
Spurn Head	p	b.bc	b.bc	b.bc	50	38	•	0.2	-	12.30	-	8.5
Nottingham	p	p	oRR	oom	50	39	35	0.2	S	<0800	<2100	0.0
Cranwell	prc	prtr	r.d	mm	53	34	29	1	trace	15.30	<2100	3.5
Gorleston	cojp	otrm	ocbcb	becow	50	39	34	3	-	12.30	-	2.9
Valencia (Cahirciveen)	oR	ord	odo	oomd	49	46	44	4	0.4	1100	6.30	0.0
Roches Point	or	r	r.r	r.o	47	43	•	3	1	0900	<2100	•
Pembroke (St. Ann's H.)	c	b.bc	c	b.bc	48	39	•	-	-	-	-	3.0
Ross-on-Wye	rop	porcv	cxbc	oco	51	37	31	1	-	<0800	-	2.2
Benson	or	p	ro	o	50	40	40	2	2	12.30	<2100	•
S. Farnborough	cpr	r p ro	orrom	d.om	52	38	35	2	1	20800	2400	3.5
London (Kew Obsy.)	bcmwopco	ocpo	orbcncpm	oom	53	41	39	4.2	1	11.00	<2100	3.7
Croydon	bcopm	ocpro	orrobc	bom	51	40	37	1	2	11.00	<2100	3.7
Clacton-on-Sea	o bc	or	ogm		49	41	37	2	-	15.30	-	2.5
Shoeburyness	omimd	odRro	oiR	om	51	40	38	7	2	14.30	<2100	1.2
Grain	oPRHo	oprho	oom	omomm	49	37	29	5	-	12.30	-	0.8
Lympne	omrspr	propr	obbc	bbem	48	35	27	5	0.3	12.30	<2100	~~1.2~~
Scilly (St. Mary's)	cor	orrc	r.rd	p	50	43	•	4	5			2.3
Falmouth (Pendennis)	p	opbc	bco	ocp	50	41	•	0.6	0.4	1100	1.30	5.1
Plymouth (Cattewater)	oo	oo	cbcb	b	50	38	30	-	0.1	-	-	2.1
Portland Bill	c	c	c	cb	49	40	•	-	-	-	-	•
Southampton (Calshot)	p	p	p	c	51	37	32	1	trace	1100	<2100	3.6
Dungeness	c	c	b.bc	b.bc	54	37	•	-	0.1	-	<2100	•
Jersey	p c	bco	or.r	orro	52	40	•	-	11	-	2200	8.7

ISALLOBARS. 2nd May

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	0200. 1st	"Brighton"	-	0	b	47	48
2	1000 1st	"Cambria"	NW	5	C	44	46
3	0300 2nd	"Brighton"	NNE	3	R	45	48

GENERAL INFERENCE.

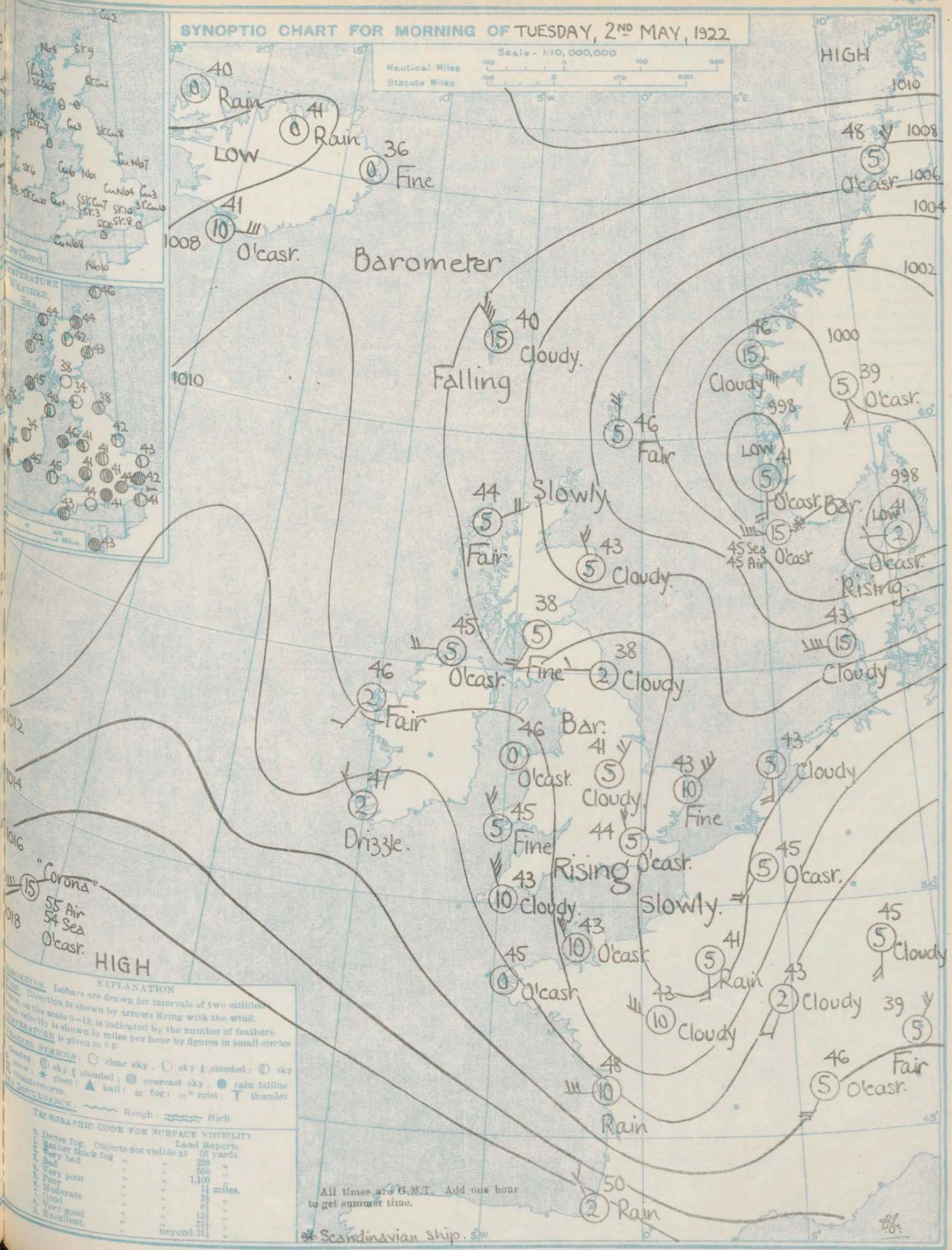
Further secondaries in the North-Westerly current over the British Isles will cause local rain with a thundery tendency. A depression over the Atlantic moving slowly Eastward will soon cause a change of wind to South West with milder weather in the West.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 2nd. May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind Northerly backing towards West, light or moderate; cloudy, rain or showers in places, thundery tendency, brighter periods; visibility moderate to good; rather cold.	Unsettled but some probability of milder weather spreading from the West.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind N.W., backing S.W., moderate; cloudy, some rain probable; visibility moderate; somewhat milder.	
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	Light winds mainly between W and N., cloudy, some rain probable, thundery tendency, brighter periods; visibility moderate to good; rather cold.	
~~17. N.W. Ireland~~ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. moderate, freshening; dull, some rain; visibility moderate; milder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15.

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

* For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF TUESDAY, 2ND MAY, 1922
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
1010
1008
1006
1004
1002
1000
998
LOW
Rain
Fine
O'casr.
Barometer
Falling
Cloudy
Fair
Slowly
Bar.
Rising
Drizzle.
"Corona"
55 Air
54 Sea
Low Cloud.
TEMPERATURE
WEATHER
SEA
EXPLANATION
All times are G.M.T. Add one hour to get summer time.
Scandinavian ship.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION 2nd MAY Tuesday 1922. No. 123

Observations at 0100 G.M.T. 2nd

STATIONS.	Barom. as M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick ...	1006.8	-2	N	3	bc	43	92	6	-	-	0	ASt	3	•
Stornoway ...	1010.4	0	ENE	2	b--	•	•	7	•	•	•	•	•	•
Wick ...	1006.4	-3	NNW	1	b	40	97	8	4000	Cu	3	-	3	•
Castlebay ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head ...	1009.1	0	W	2	bc+	47	97	7	5750	StCu	4	-	4	•
Renfrew ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1008.0	0	W	1	o+	41	97	8	-	•	0	A.St	10	•
Eskdalemuir ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth ...	1007.8	-1	W	1	b	39	92	6	4000	Cu	3	-	3	•
Blacksod Point ...	1011.4	+1	WSW	2	bc	45	85	5	-	Cu	4	•	4	•
Donaghadee ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell ...														•
Holyhead ...	1008.9	+1	N	3	b	•	•	8	2500	StCu	3	•	3	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head ...	1006.5	0	NE	2	b	40	92	8	-	-	0	-	0	•
Nottingham ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell ...	1007.4	+2	N	2	b/r	35	97	6	-	-	0	-	0	•
Gorleston ...	1006.7	-1	-	0	b/r	41	97	6	-	-	0	-	0	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1012.9	0	W'N	4	o/r	48	97	4	-	St	10	-	10	•
Roches Point ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1009.5	0	W	3	b	44	85	8	4000	Cu	3	-	3	•
Ross-on-Wye ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	42	•	•	•	•	•	•	•	•
Croydon ...	1007.4	-1	WSW	3	b/r	40	92	7	-	•	0	C.St	3	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne ...	1007.3	0	-	0	b	37	97	8	-	•	0	-	0	•
Scilly (St. Mary's) ...	1010.2	-1	-	0	c/r	43	97	8	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1010.2	0	NW	3	o+	43	92	8	4000	Cu	10	•	10	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill ...	1008.8	0	NW'W	3	bc	47	85	7	1500	StCu	5	•	5	•
Southampton (Calshot)	1007.6	0	W'N	2	b/r	39	92	8	-	•	0	-	0	•
Dungeness ...	1007.0	-1	W	2	b	41	97	7	-	•	0	-	0	•
Jersey 7h / Guernsey 1h ...	1009.2	-1	WNW	4	bc/r	41	97	8	5750	CuNb	4	-	4	•

Observations at 0700 G.M.T. 2nd

STATIONS.	Barom. as M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea.
Lerwick ...	1002.1	-3	N	2	bc+	46	85	6	4000	Cu	2	ACu	4	1
Stornoway ...	1007.6	-1	ENE	2	bc	44	85	7	4000	NB	4	-	4	1
Wick ...	1004.5	-2	NW	2	o+	44	92	8	800	St	9	-	9	0
Castlebay ...	1008.0	-1	NW	2	c	43	85	7	1500	StCu	8	-	8	2
Nairn ...	1006.7	•	-	0	b-	42	85	8	-	•	0	ACu	3	•
Aberdeen ...	1005.9	-2	NNW	2	c	43	85	7	5750	StCu	1	C.St	8	0
Malin Head ...	1008.8	0	W	2	o-	45	92	8	5750	StCu	9	-	9	0
Renfrew ...	1007.6	0	SW	2	b	38	92	4	•	•	0	-	0	•
Edinburgh (Inchkeith)	1007.5	-1	WSW	2	ffo	39	92	3	•	St	10	-	10	2
Eskdalemuir ...	1008.7	0	-	0	b+	34	85	6	2500	Cu	3	-	3	•
Tynemouth ...	1008.3	0	W	1	c+	38	85	4	4000	StCu	8	-	8	0
Blacksod Point ...	1009.9	0	SW	1	bc	46	85	9	*	St	5	-	5	0
Donaghadee ...	1009.9	0	WNW	1	bc	40	92	6	-	•	0	ACu	4	0
Birr Castle ...	1011.8	•	W	1	c+	34	97	5	450	St	6	Ci	8	•
Baldonnell ...														•
Holyhead ...	1010.2	+2	-	0	o+	46	85	7	2500	Cu	6	ASt	10	0
Liverpool (Bidston) ...	1009.6	+2	S	1	c+	41	85	5	1500	NB	1	ASt	8	1
Chester (Shotwick) ...	1008.8	+3	-	0	b+	42	85	4	5750	Cu	1	ACu	3	•
Spurn Head ...	1008.9	+2	NW	3	b	42	92	8	4000	CuNb	1	-	1	3
Nottingham ...	1009.8	•	NNE	2	bc-	41	85	3	1500	CuNb	4	Ci.St	6	•
Cranwell ...	1009.6	+3	NNW	3	b-	38	97	6	1500	StCu	2	•	2	•
Gorleston ...	1007.6	0	NE	3	b-	43	85	7	5750	Cu	3	•	3	0
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1013.3	+2	NW	1	odd	47	97	5	225	St	10	-	10	0
Roches Point ...	1012.6	+2	N	1	o	45	92	8	4000	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1011.3	+2	NNW	2	b-	45	85	8	4000	Cu	1	-	1	2
Ross-on-Wye ...	1009.6	+2	NW	1	o	41	85	7	2500	StCu	10	-	10	•
Benson ...	1008.9	+3	NNW	3	o/r	41	92	7	-	St	10	-	10	•
S. Farnborough ...	1008.3	+2	NNW	2	od	41	55	9	800	St	10	•	10	•
London (Kew Obsy.) ...	1008.5	+3	NNW	2	o	44	85	6	1500	St	8	ACu	10	•
Croydon ...	1008.4	+2	NNW	2	o	42	92	5	4000	StCu	10	-	10	0
Clacton-on-Sea ...	1007.5	+2	NNW	3	mo-	42	92	4	7250	StCu	10	-	10	0
Shoeburyness ...	1008.1	+2	NNW	1	mmo	42	85	6	2500	StCu	7	ASt	10	0
Grain ...	1008.3	+2	NW	1	o	42	97	5	4000	StCu	10	-	10	•
Lympne ...	1007.6	+1	N	2	bc	43	92	6	-	-	0	C.St	6	•
Scilly (St. Mary's) ...	1011.7	+1	NNW	3	c/r	48	92	8	4000	CuNb	8	-	8	4
Falmouth (Pendennis)	1011.7	+3	NW	3	c-	43	92	8	4000	CuNb	8	-	8	0
Plymouth (Cattewater)	1011.0	+3	-	0	b	43	85	8	•	•	0	-	0	0
Portland Bill ...	1009.4	+1	N'E	2	b-	44	85	7	-	-	0	-	0	0
Southampton (Calshot)	1008.8	+2	NW	4	bc-	42	85	5	4000	StCu	4	-	4	4
Dungeness ...	1007.8	+1	NW	2	bc	41	97	7	-	-	0	C.St	4	3
Jersey 7h / Guernsey 1h ...	1009.9	+1	NNW	3	o/s	43	85	7	1500	NB	10	-	10	3

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 30th Apr. °F.	Temperature. Max. Day 1st °F.	Rainfall.† Night 18h.-9h. 30.-1st mm.	Rainfall.† Day 9h.-18h. 1st mm.	Sunshine. Sunrise to 17h. 1st hr.	Sunshine. Sunrise to Sunset 30th Apr.
Banff ...	rbc bc	bc b	39	46	7	1	4.4	3.5
Montrose ...	o bc	bc	39	45	1	4	3.0	2.0
Llandudno ...	obc odc	cobr	42	48	1.2	2.3	3.0	8.5
Colwyn Bay ...	pd	cd	42	47	1	12	2.0	11.6
Rhyl ...	cbc	bcp	43	47	0.3	1.2	2.9	10.0
Southport ...	ror	ror	41	43	0.3	6	—	10.2
Blackpool ...	or	or	39	44	0.1	15	—	10.6
Harrogate ...	ocbco	o	?	?	-	-	0.8	7.2
Skegness ...	bor	orpl	36	48	—	2	2.5	13.0
Aberystwyth ...	roc	bcc	42	48	—	2	3.0	8.7
Bath ...	cpr	opbc	38	51	0.3	0.3	1.4	6.4
Leamington Spa ...	o	o	37	48	1	—	—	9.2
Lowestoft ...	oco	optr	38	49	10	—	2.3	12.6
Felixstowe ...	ampbc	bor	38	49	2	1	3	8.7
Southend ...	opt	optlc	40	49	2	2	0.9	4.5
Paignton ...	bc	bco	39	55	—	—	2.3	9.4
Ilfracombe ...	ocbc	bcco	44	49	—	—	5.3	10.0
Bude ...	b	b	44	50	—	—	7.4	9.4
Penzance ...	bcor	orbc	42	52	0.3	3	3.2	10.4
Falmouth Observatory	bcco	odbc	41	52	—	1	4.1	10.8
Torquay ...	cobo	bcoc	40	55	—	—	2.5	10.1
Weymouth ...	bc	bc	39	54	—	—	5.2	12.2
Bournemouth	bc	p	37	51	1	—	7.1	11.1
Portsmouth (Southsea)	bc	p	39	53	—	1	5.7	9.0
Worthing ...	c	cbc	39	54	—	—	6.0	7.0
Brighton ...	bc	bc	42	51	—	—	8.0	10.5
Eastbourne ...	b	bc	42	53	—	—	0.6	6.1
Hastings ...	bc	bco	42	52	—	—	8.0	8.5
Folkestone ...	b	bpbcc	40	52	1	—	4.0	5.7
Tunbridge Wells ...	cbc	opcbc	37	53	—	0.3	2.7	9.5
Ramsgate ...	o	o	40	47	1	—	1.5	9.7
Margate ...	c	otlhr	42	50	5	—	0.6	9.8
Deal ...	obc	qpc	39	52	—	—	2.2	

* 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. 22077 Wednesday 3rd May 1922. Page 1.

Observations at 1300 G.M.T. 2nd

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1000·1	-2	N	2	opr0	44	85	6	-	-	0	ASt	10	*
Stornoway	1006·9	-1	N	3	c+	47	85	7	4000	Nb	7	-	7	*
Wick	1003·3	-1	NW	4	o	46	85	8	4000	Cu	6	Ci	9	*
Castlebay	1008·1	0	NW	3	bc	47	75	7	1500	Cu	4	-	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1005·2	0	NW'N	4	c	51	65	8	4000	Cu	4	ACu	7	*
Malin Head	1008·3	0	W	3	c	47	97	4	4000	Nb	7	-	7	*
Renfrew	1007·0	-2	W	3	cpr0	52	65	8	4000	StCu	8	-	8	*
Edinburgh (Inchkeith)	1006·8	-2	W	1	bc|t	46	75	8	-	CuNb	3	-	3	*
Eskdalemuir	1007·1	-1	WSW	4	c	50	65	7	4000	Cu	8	-	8	*
Tynemouth	1007·5	-1	W	2	cjp	52	65	6	4000	Nb	8	-	8	*
Blacksod Point	1010·5	0	NW	4	bc	52	85	9	-	St	5	-	5	*
Donaghadee	1009·9	0	NW	1	c-	50	75	8	5750	Cu	5	ACu	7	*
Birr Castle	1011·3	*	W	1	c+	50	92	7	4000	Cu	6	ACu	9	*
Baldonnell														*
Holyhead	1011·3	+1	SW	3	c	50	55	9	2500	Cu	1	ACu	8	*
Liverpool (Bidston)	1010·5	+1	W'N	2	bc	49	75	8	4000	StCu	2	Ci	4	*
Chester (Sholwich)	1009·7	+1	NW	4	c/h	50	65	9	4000	Cu	4	Ci	7	*
Spurn Head	1009·0	+1	SE	2	bc	51	85	6	4000	StCu	5	-	9	*
Nottingham	1009·9	*	W	3	c	51	55	5	1500	CuNb	8	-	8	*
Cranwell	1010·4	+1	SW'W	3	o+	50	65	7	2500	St	9	-	9	*
Gorleston	1010·2	+2	E'N	2	bc+	50	75	7	4000	CuNb	3	CiCu	5	*
Valencia (Cahirciveen)	1014·1	+1	WNW	4	o-	51	85	8	1500	St	7	ASt	9	*
Roches Point	1012·1	-2	SSW	3	o	51	92	8	2500	CuNb	9	-	9	*
Pembroke (St. Ann's H.)	1013·4	+1	W	2	bc	48	75	8	4000	Cu	2	Ci	4	*
Ross-on-Wye	1010·9	+2	W	1	c+	51	55	7	7250	Cu	7	-	7	*
Benson	1011·2	+1	WNW	1	c-	50	65	8	-	Cu	7	-	7	*
S. Farnborough	1010·9	+2	WNW	3	c-	53	65	7	1500	StCu	8	-	8	*
London (Kew Obsy.)	1010·7	+2	NNW	2	o|t	51	65	6	5750	Cu	9	-	9	*
Croydon	1011·0	+2	NNW	2	o	49	75	6	4000	StCu	9	-	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1010·6	+3	SE	2	bc|t	49	75	6	5750	Cu	5	-	5	*
Grain	1010·7	+2	ENE	2	c-	50	75	7	7250	Cu	7	-	7	*
Lympne	1010·2	+2	SE	3	bc	47	85	7	2500	StCu	5	-	5	*
Scilly (St. Mary's)	1014·6	+1	NW'N	3	bc	52	85	8	4000	Cu	3	CiCu	5	*
Falmouth (Pendennis)	1014·8	0	NW	2	b1-	52	75	8	4000	Cu	3	Ci	5	*
Plymouth (Cattewater)	1012·9	+2	NW	1	bc-	52	55	8	2500	StCu	5	-	5	*
Portland Bill	1011·8	+2	-	0	b	47	85	7	-	-	0	-	0	*
Southampton (Calshot)	1011·8	+2	NNW	3	bc-	51	65	7	4000	Cu	4	-	4	*
Dungeness	1010·8	+3	W	2	c-	50	75	7	-	-	0	ACu	6	*
Jersey	1012·8	+1	WNW	3	b-	50	65	8	4000	StCu	1	-	1	*

Observations at 1800 G.M.T. 2nd

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	999·9	-1	NW	3	o|r	44	92	0	-	-	0	ASt	10	2
Stornoway	1006·6	0	NNW	3	bc-	47	75	7	4000	Cu	6	-	6	2
Wick	1003·5	+1	WNW	3	bc	46	85	8	4000	Cu	3	Ci	6	3
Castlebay	1008·0	0	W	3	bc	48	75	8	2500	Cu	3	-	3	3
Nairn	1005·3	*	NNW	2	bc	49	65	8	4000	Cu	5	-	5	*
Aberdeen	1005·5	0	NW'N	1	bc/r	48	65	7	4000	Cu	5	-	5	0
Malin Head	1008·6	0	W	2	bc+	48	97	8	4000	Cu	5	-	5	0
Renfrew	1007·4	+1	W	3	bc-	51	65	9	2800	StCu	4	-	4	*
Edinburgh (Inchkeith)	1006·4	0	WSW	3	cjp	48	65	8	-	CuNb	8	-	8	2
Eskdalemuir	1007·6	0	W'S	4	b	46	65	8	4000	Cu	3	-	3	*
Tynemouth	1007·4	+1	W	3	qr	51	75	6	4000	Cu	7	-	7	0
Blacksod Point	1010·9	0	W'N	2	o	50	75	9	-	St	10	-	10	0
Donaghadee	1010·0	0	NW	1	c+	46	92	8	5750	StCu	7	-	7	0
Birr Castle	1010·3	*	W	3	c-	53	85	8	4000	CuNb	6	Ci	8	*
Baldonnell														*
Holyhead	1011·1	-1	SSW	4	b-	48	75	9	-	-	0	ACu	1	3
Liverpool (Bidston)	1010·3	0	W	4	b	49	55	8	-	-	0	-	0	3
Chester (Sholwich)	1009·8	-1	WNW	3	b	52	85	9	4000	Cu	1	-	1	*
Spurn Head	1009·2	0	SW	3	o|tl	46	85	6	4000	CuNb	9	-	9	3
Nottingham	1009·9	*	W	2	b-	51	65	6	4000	Cu	1	-	1	*
Cranwell	1010·8	+2	WNW	5	oPR-	48	75	8	1500	Nb	9	-	9	*
Gorleston	1011·0	+1	SSW	4	bc-	45	85	7	-	-	0	CiCu	4	0
Valencia (Cahirciveen)	1014·2	0	W	2	o+	50	85	8	1500	StCu	5	ASt	10	3
Roches Point	1012·6	0	NW	3	o+	52	75	8	4000	StCu	1	CiSt	9	0
Pembroke (St. Ann's H.)	1013·3	0	W	3	o	47	85	8	5750	StCu	9	-	9	2
Ross-on-Wye	1010·6	0	WNW	3	bc-	54	55	8	4000	Cu	4	-	4	*
Benson	1011·7	+1	W	1	bc+	52	65	5	-	Cu	6	-	6	*
S. Farnborough	1011·8	+2	W'N	3	mmo	52	55	6	-	-	0	ACu	9	*
London (Kew Obsy.)	1011·8	+1	WSW	2	bc	53	55	6	4000	Cu	5	-	5	*
Croydon	1011·7	+1	W'S	2	o	51	65	6	2500	Cu	9	-	9	*
Clacton-on-Sea	1011·6	+2	SSE	3	c	48	75	7	5750	StCu	2	Ci	5	0
Shoeburyness	1011·8	+1	SSW	1	bc	48	75	6	7250	Cu	1	CiSt	5	*
Grain	1012·0	+2	S	1	o+	49	75	7	4000	StCu	9	-	9	0
Lympne	1011·9	+2	S	3	c-	49	75	6	7250	StCu	4	CiSt	8	*
Scilly (St. Mary's)	1015·1	0	WNW	3	o	49	92	8	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1014·8	-1	W	4	bc+	52	85	8	4000	Cu	4	Ci	6	0
Plymouth (Cattewater)	1014·1	+2	NW	3	o	51	75	8	4000	StCu	7	ASt	9	0
Portland Bill	1012·2	+1	NNW	3	b	46	85	7	-	-	0	-	0	3
Southampton (Calshot)	1012·4	+1	SW	3	c	50	65	7	4000	StCu	5	ACu	8	0
Dungeness	1012·1	+2	WSW	2	c	50	85	7	-	-	0	ACu	7	2
Jersey	1014·7	+1	WNW	3	b	51	65	8	-	-	0	ACu	2	3

London Observations

24 Hours ended 0900 G.M.T. 3rd (Weather, Temperature, Rainfall); Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day.

London Observations	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	omoz	ozbc	bmbm	*	*	32	-	-	4·5	*	*
Croydon (24 hours ended 0700)	ocom	oz	ozbcb	*	*	33	-	-	4	*	*
Greenwich (Royal Obsy.)	c	cor	bcbjpmb rco	55	38	29	0·3	-	2·2	?	79
City (Bunhill Row)	*	*	*	*	*	*	*	*	4·2	*	*
Westminster (St. James' Pk.)	oe	cao	*	54	39	31	-	-	2·8	?	80
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	4·7	*	-
Camden Sq.	bc	bc	*	57	41	35	-	-	*	*	79
Kensington Palace	o.bc	bc	*	55	39	39	-	-	*	(18h.)	80
Hampstead Observatory	bc	c	*	54	39	29	-	-	5·7	*	79

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

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

South Kensington

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

Kew Observatory

Max.	Time.	Min.	Time.
0·8	18h (1st)	<0·3	2h (2nd)
0·6	6h (2nd)		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... Joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 2nd 20 h. 45 m. to 3rd 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6·30	6·1	93
δ Ursae Minoris	6·30	5·0	86

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.

3rd & 4th May. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·20 4·19	11·50 11·50	7·19 7·20
Greenwich	4·31 4·29	11·57 11·57	7·23 7·25
Wick	4·16 4·14	12·9 12·9	8·2 8·4
Valencia	5·10 5·8	12·38 12·38	8·6 8·8

Beaufort Notation of Weather.

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

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; ı = 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_or_o = continuous light rain.

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

Sea Disturbance.

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

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

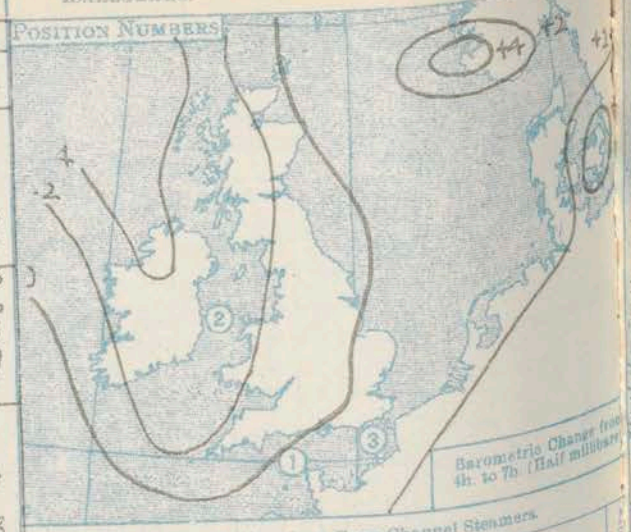
*For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 2nd	WEATHER. 13h.-18h. 2nd	WEATHER. 18h. 2nd to 1h. 3rd	WEATHER. 1h.-7h. 3rd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. Hours.
Lerwick	00	r or d	r or d	r or d	48	41	•	4	2	<0800	<2100	•
Stornoway	c	c	b or bc	c	49	42	•	-	-	-	-	10·1
Wick	00	c	b or bc	b or bc	49	35	•	-	-	-	-	•
Castlebay	o bc	bc.b	bo	opo	48	43	•	-	0·4	-	-	12·1
Nairn	bc	c bc	bex	bc	51	32	•	-	-	-	-	10·0
Aberdeen	c bc c	bc p₀ r	bcb	pbmmw	51	36	24	Trace	-	16·30	-	6·5
Malin Head	c	b or bc		op	49	40	•	-	0·1	-	2200	7·3
Renfrew	c opsrv	c.p₀ bc	bevbbc	cofw	54	34	25	0·1	Trace	11·00	1·30	11·6
Edinburgh: Inchkeith	c	p	b or bc	b or bc	51	39	35	0·3	-	17·30	-	8·5
Eskdalemuir	c bc c	ph bc	b	b.bc.co	51	28	23	1	-	13·30	-	9·7
Tynemouth	m p₀	mp₀	cmm	bbem	54	38	30	Trace	-	12·30	-	•
Blacksod Point ...	b or bc	o o	p	r or d	53	41	•	Trace	4	-	-	•
Donaghadee	bcp	cp	bem	ir₀	54	41	•	1	0·3	09 00	4·30	•
Birr Castle	c	cop r	co	ojr	56	44	40	0·4	4	16·30	1·30	4·4
Baldonnell					51	44	44	-	1	-	4·30	10·8
Holyhead	o c bc cy	cyv bc	b.bc c	orr₀	50	39	36	-	-	-	-	8·8
Liverpool (Bidston) ...	o bc	b or bc	bo		52	37	34	Trace	-	09·00	-	•
Chester (Shotwick) ...	~~b or c~~ bcphc	c.bc.b	b.bc c	coom								
Spurn Head	b or bc	p	b or bc	b or bc	51	40	•	2	Trace	13·30	<2100	7·4
Nottingham	c	p₀	b	bbem	54	34	30	Trace	-	15·30	-	4·1
Cranwell	c	o.cbc.c	b or bc	bw	54	37	31	Trace	0·3	17·30	<2100	9·7
Gorleston	b or bc	bc	cbw	bm	51	39	37	-	-	-	-	10·7
Valencia (Cahirciveen)	o mp d o	o c o	or₀	orpo	52	47	46	1	4	<0800	2200	2·5
Roches Point	o r₀ o	o bc.co	oco	ord	57	47	•	0·6	3	09·00	2·30	•
Pembroke (St. Ann's H.)	b or bc	c	c	odd	51	46	•	-	2	-	3·30	10·3
Ross-on-Wye	o c.bbc	c o.bc	co	ooid₀	54	44	40	-	-	-	-	5·4
Benson...	o c	b	bcb	o	56	36	28	-	-	-	-	•
S. Farnborough ...	o m c	c₃ o₃	obom	bo	57	35	27	-	-	-	-	4·1
London (Kew Obsy.) ...	o m o₃	o₃.bc	bmbm	bmomw	55	40	32	-	-	-	-	4·5
Croydon	o c o m	o₃	ozbcb	bom	53	38	33	-	-	-	-	1·9
Clacton-on-Sea ...	o m	bc c	cbc	bcc	50	41	34	-	-	-	-	7·1
Shoeburyness	o m c bc	bc	bcc	om	51	38	31	-	-	-	-	4·3
Grain	o c oc	c	ocbc	bcco	51	38	28	-	-	-	-	3·4
Lympne	bc c m	c	cbc	bbcm	49	39	29	-	-	-	-	~~6·5~~ 6·8
Scilly (St. Mary's) ...	bc	oo	omr	omr	55	48	•	-	3		4·30	10·2
Falmouth (Pendennis)	c p bc	bc	bccop	oomr	54	48	•	-	2	-	<2100	11·6
Plymouth (Cattewater)	b or bc	c	bcpo	r or d	54	48	43	-	1	-	-	•
Portland Bill	b	b	bcc	c	49	39	•	-	-	-	1·30	•
Southampton (Calshot)	f or m	c	c	p	53	40	34	-	0·2	-	-	•
Dungeness	c	c	c	c	52	45	•	-	-	-	3·30	•
Jersey	o c.b	b	b	b or r	53	46	•	-	3	-		11·5

ISALLOBARS. 3rd May.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1000 2nd	'Cambria'	W'N	2	bw	47	46

GENERAL INFERENCE.

A large depression centred between the Hebrides and Iceland has become the dominant feature of the distribution. Winds will be generally from between S.W. W. with rain or showers in all districts and milder weather than of late for at least a day or two.

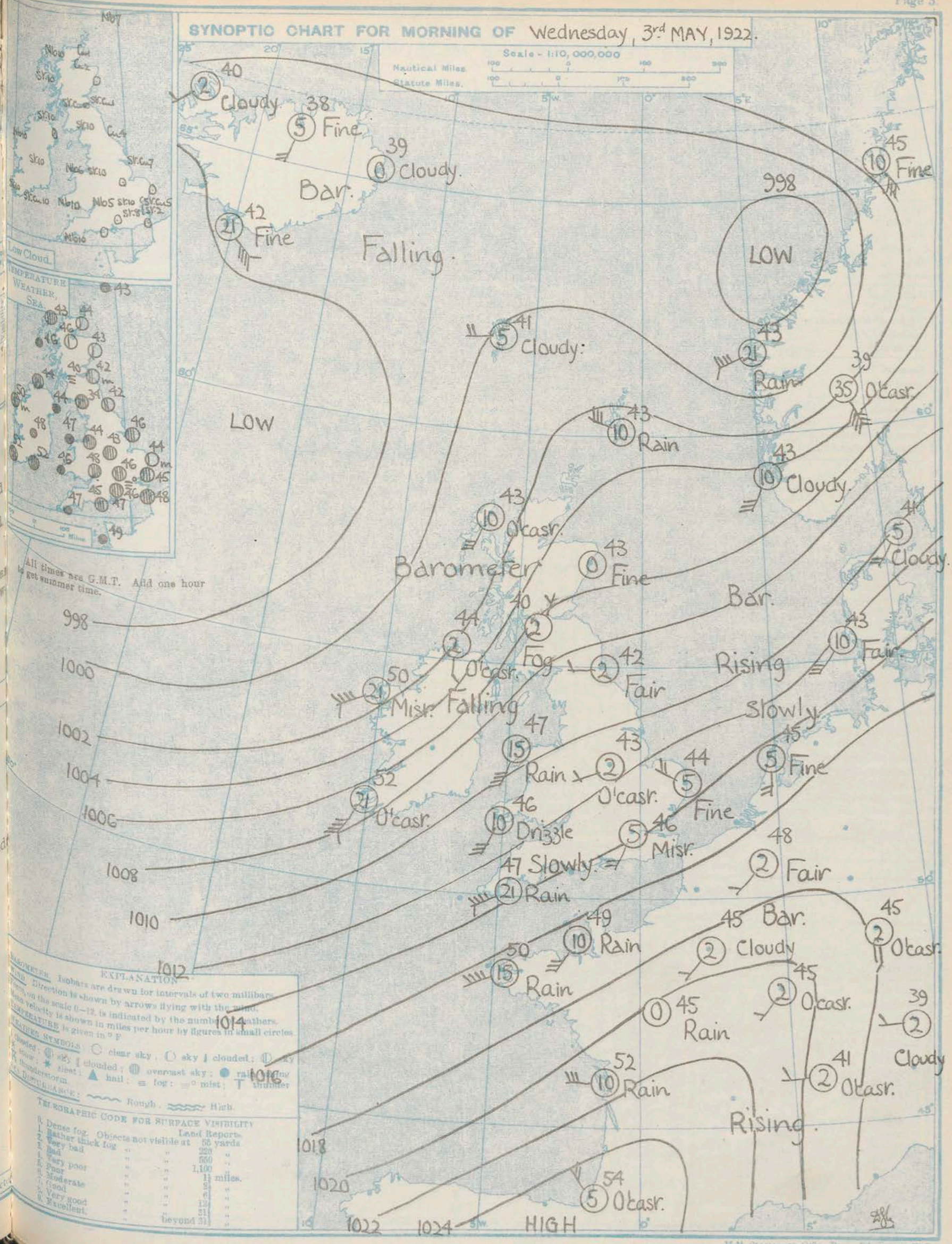
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 3rd May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly S.W, moderate to strong; cloudy or dull, some rain; visibility moderate, some coast mist; milder.	Milder with W. or S.W. winds and unsettled weather.
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 S.W., moderate or fresh; dull, rain at times; visibility moderate, some coast mist; milder.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to W, moderate to strong; cloudy or dull, some rain; visibility moderate; some coast mist; milder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 GMT.

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

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF Wednesday, 3rd MAY, 1922.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 3rd May 1922. No. 125

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001.8	+1	WNW	3	or	42	92	6	4000	Nb	10	·	10	*
Stornoway	1007.1	0	-	0	b-	*	*	7	*	*	*	*	*	*
Wick	1004.7	0	WSW	2	b	37	97	8	4000	Cu	1	CiSt	3	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head			No observations taken											*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	1005.9	*
Edinburgh (Inchkeith)	1007.6	+3	WSW	4	b.	40	85	7	-	St	1	-	1	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1008.9	0	W	2	b	42	92	6	-	·	0	·	0	*
Blacksod Point ...	1006.6	-5	S	5	oPR+	47	85	2	-	Nb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1008	-1	SSW	3	c	*	*	7	1500	St	8	·	8	*
Liverpool (Ridston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1010.7	0	W	3	b	42	92	6	-	-	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1012.6	+2	SW	3	b	39	92	8	-	·	0	·	0	*
Gorleston	1012.4	0	W'S	2	b	42	92	6	-	-	0	-	0	*
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1008.3	-2	SW	5	odd	48	97	3	-	St	10	-	10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1012.8	+1	W	3	b.	47	92	8	4000	Cu	3	·	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	43	*	*	*	*	*	*	*	*
Croydon	1014.0	+1	SSW	2	b	40	85	8	-	-	0	-	0	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1014.1	+1	-	0	b	41	93	7	-	-	0	asl	2	*
Scilly (St. Mary's) ...	1014.9	0	W'N	4	o	49	92	8	4000	CuNb	10	-	10	*
Falmouth (Pendennis)	1016.4	0	W	3	olr	51	85	7	2500	CuNb	10	·	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1014.1	+1	W'N	3	bc+	45	85	7	1500	StCu	6	-	6	*
Southampton (Calshot)	1014.3	0	SW	2	o+	44	75	8	2500	StCu	10	·	10	*
Dungeness	1014.0	+1	SW	2	bc-	46	97	8	5750	StCu	4	·	4	*
Jersey 7h / Guernsey 1h	1017.5	0	WSW	4	o+	47	75	7	2500	St	10	·	10	*

Observations at 0700 G.M.T. 3rd

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1002.1	+1	WNW	3	or	43	85	6	2500	Nb	7	ASt	10	2
Stornoway	1001.8	-4	SSW	3	o+	43	85	6	4000	Nb	10	-	10	1
Wick	1003.6	-1	SSW	1	b-	44	92	8	4000	Cu	1	Ci	2	0
Castlebay	1001.0	-3	SE	4	ojp	46	97	6	800	St	10	-	10	4
Nairn	1004.0	*	NW	1	bc	46	75	8	4000	Cu	2	Ci	5	*
Aberdeen	1005.6	-1	-	0	b-	43	75	4	-	-	0	CiSt	1	0
Malin Head	1001.3	-6	S	1	odd	47	97	6	2500	St	10	-	10	1
Renfrew	~~1006.9~~	-3	NE	1	FFo	40	97	2	2500	StCu	10	-	10	*
Edinburgh (Inchkeith)	1006.7	-1	W	1	mbe-	42	85	6	-	StCu	1	CiCu	6	*
Eskdalemuir	1008.1	-2	-	0	o	34	85	6	800	St	10	-	10	*
Tynemouth	1008.6	-1	W	1	bc	42	92	5	4000	Cu	4	-	4	0
Blacksod Point ...	1001.0	-1	SW'S	5	mo+	50	92	5	-	Nb	10	-	10	3
Donaghadee	1007.1	-2	SSW	1	or	44	92	7	-	·	0	ASt	10	0
Birr Castle	1004.9	*	SW	1	or	48	97	6	450	St	10	-	10	*
Baldonnell														*
Holyhead	1008.9	-2	S'W	4	or	47	92	7	1500	Nb	6	ASt	10	1
Liverpool (Ridston) ...	1009.4	-1	S'E	2	o+	44	85	6	1500	St	10	-	10	*
Chester (Shotwick) ...	1008.9	-2	SSE	2	ojp	45	85	6	800	Nb	10	-	10	*
Spurn Head	1011.3	+1	SSW	3	c	46	85	5	4000	StCu	7	-	7	3
Nottingham	1011.4	*	WSW	1	o+	43	85	6	-	-	0	ASt	9	*
Cranwell	1012.1	-1	SW	3	c	43	85	6	-	·	0	ACu	7	*
Gorleston	1012.7	0	WNW	2	mb-	44	75	5	-	-	0	CiCu	2	1
... ...														*
Valencia (Cahirciveen)	1007.6	0	SW'S	5	olr	52	85	6	450	St	10	-	10	4
Roches Point	1007.6	-3	WSW	3	o	52	92	8	2500	StCu	10	-	10	3
Pembroke (St. Ann's H.)	1010.9	-2	SW	3	odt	46	97	5	1500	Nb	10	-	10	*
Ross-on-Wye	1011.9	-1	SW	2	o+	48	85	7	2500	Nb	3	ASt	10	*
Benson...	1013.0	0	SW	2	o	46	92	7	-	St	10	-	9	*
S. Farnborough ...	1013.1	0	SW	2	o+	47	85	7	-	-	0	Ci	10	*
London (Kew Obsy.)...	1013.7	0	SSW	2	mmo	46	85	6	1500	St	8	ASt	10	*
Croydon	1014.1	0	S	3	o	44	85	6	2500	StCu	5	ASt	10	1
Clacton-on-Sea ...	1013.9	+1	SW	3	c-	45	75	6	7250	StCu	7	-	7	*
Shoeburyness	1014.2	0	SW	1	mo-	46	75	6	4000	StCu	7	ASt	9	0
Grain	1014.4	+1	SSW	1	o	46	65	7	4000	StCu	10	-	10	*
Lympne	~~1015.4~~	0	SW	2	o	45	97	6	2500	StCu	7	ASt	10	5
Scilly (St. Mary's) ...	1012.6	-3	W	5	or	50	94	6	1500	St	10	-	10	0
Falmouth (Pendennis)	1013.2	-2	WSW	5	orr	47	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	1014.3	0	SSW	2	orr	48	97	8	1150	Nb	10	ACu	10	*
Portland Bill	1014.1	0	W'S	4	c+	45	85	7	-	-	0	ASt	7	0
Southampton (Calshot)	1013.9	0	SW	4	olr	50	85	7	1500	St	ACu	9	9	3
Dungeness	1014.8	+1	WSW	3	o+	48	97	8	-	-	0	ACu	10	3
Jersey 7h / Guernsey 1h	1016.5	0	SW	3	orr	49	97	7	1500	Nb	10	-	10	*

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 1st	Temperature. Max. Day 2nd	Rainfall.† Night 19h.-9h. 1st-2nd	Rainfall.† Day 9h.-17h. 2nd	Sunshine. Sunrise to 17h. 2nd	Sunshine. Sunrise to Sunset 1st
			°F.	°F.	mm.	mm.	hr.	
Banff	o.c.bc	bc	40	51	1	-	5.9	6.1
Montrose	bc	c	36	54	-	-	4.4	3.5
Llandudno	bc-c	bc.b	42	51	0.3	-	6.9	3.1
Colwyn Bay ...	bc	b	41	52	1	-	6.6	2.0
Rhyl...	c.bc	bc.b	40	51	1	-	8.5	2.9
Southport	o.c	bc.b	34	50	3	-	8.6	0.0
Blackpool	c.bc	bc.c	33	51	2	-	8.0	0.0
Harrogate	b.bc.b	b.bc.b	32	52	-	-	9.9	0.8
Skegness	c.bc	b.o	34	53	-	-	7.2	2.5
Aberystwyth ...	ocd	bc.c	43	50	-	-	8.0	4.0
Bath	b.bc.am	m.bc	38	54	1	-	3.7	1.4
Leamington Spa ...	cb3	cb	39	54	5	-	4.4	0.0
Lowestoft	bc	bc	38	49	0.2	-	9.5	2.3
Felixstowe	c	mb	40	50	1	-	7.3	2.9
Southend	o.c	o.c	40	52	1	-	3.3	0.9
Paignton	bc	bc	38	58	-	-	10.4	3.3
Ilfracombe	b	bc	44	50	-	-	11.6	5.3
Bude	b	b	41	53	1	-	11.2	8.4
Penzance	bc	bc	43	56	-	-	9.5	4.6
Falmouth Observatory	bc	bc	40	55	1	-	10.4	6.2
Torquay	b	b	40	56	-	-	11.4	7.9
Weymouth	bc	b	37	56	-	-	8.5	5.3
Bournemouth ...	b	bc.c	36	54	-	-	7.0	2.2
Portsmouth (Southsea)	b	b	40	56	0.3	-	7.9	6.1
Worthing	bc c	c	37	53	1	-	2.3	6.5
Brighton	bc o	c.o	40	52	2	-	3.0	9.5
Eastbourne	bc.c	c.bc.c.o	38	54	-	-	6.2	11.8
Hastings	c.o	o.cbc.o	38	51	0.4	-	4.1	8.0
Folkestone	bc	bc c	38	52	-	-	6.6	4.1
Tunbridge Wells ...	c bc c	o bc 3	35	53	2	-	2.3	2.7
Ramsgate	b	c	36	50	3	-	9.1	1.6
Margate	bc.b	b	39	55	3	-	10.4	0.6
Deal	b.bc.c	bc	36	53	1	-	10.2	2.2

* 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. 22,078 4th May Thursday 1922.

Observations at 1300 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	Height of Low Cloud Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1002·1	0	WSW	3	bc-	47	85	8	7250	Cu	5	–	5	*
Stornoway	996·2	-5	S	4	pro	45	92	6	4000	Nb	10	–	10	*
Wick	999·9	-3	ENE	3	o+	45	92	8	–	–	–	ACu	9	*
Castlebay	996·2	-3	SW	5	pro	47	97	5	450	Nb	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1002·1	-3	S'E	3	o+	47	75	6	4000	StCu	9	–	9	*
Malin Head	999·7	0	SSW	4	o-	48	97	6	2500	St	9	–	9	*
Renfrew	1001·3	-5	S	4	roro	48	97	4	800	Nb	10	–	10	*
Edinburgh (Inchkeith)	1002·4	-4	SW	4	o	48	75	8	–	St	10	–	10	*
Eskdalemuir	1003·3	-4	SSW	5	rr	44	97	6	450	Nb	10	–	10	*
Tynemouth	1004·5	-4	SW	3	o	52	75	5	4000	St	4	ASt	10	*
Blacksod Point	1003·4	+2	W	5	pro	50	75	8	–	Cu	7	–	7	*
Donaghadee	1002·7	-2	SW	2	do	51	92	7	4000	StCu	8	–	8	*
Birr Castle	1005·2	*	W	2	c-	53	92	8	2500	Cu	6	CCu	8	*
Baldonnell	?	+0	W	5	o	55	85	8	2500	StCu	7	CSt	9	*
Holyhead	1005·8	-1	SSW	5	o/r	49	97	7	<150	St	10	–	10	*
Liverpool (Bidston)	1005·2	-3	SSW	3	o	54	75	7	1500	Nb	10	–	10	*
Chester (Shotwick)	1005·4	-3	S	4	o	52	85	7	800	St	10	–	10	*
Spurn Head	1008·1	-3	SSW	4	o+	56	85	6	4000	CuNb	9	–	9	*
Nottingham	1008·4	*	SSW	4	o	51	75	6	1500	StCu	10	–	10	*
Cranwell	1009·2	-3	S'W	5	ro	53	65	8	1500	St	7	ASt	10	*
Gorleston	1012·2	-1	SSW	4	c+	55	65	6	4000	StCu	8	–	8	*
Pulham														*
Valencia (Cahirciveen)	1010·0	+3	WSW	4	bc-	54	75	8	1500	StCu	3	ACu	5	*
Roches Point	1008·2	+1	NW	3	o	54	75	8	1500	StCu	10	–	10	*
Pembroke (St. Ann's H.)	1008·9	0	WSW	4	ifo	49	97	3	1500	Nb	10	–	10	*
Ross-on-Wye	1008·9	-4	SW	3	o	50	92	7	2500	Nb	10	–	10	*
Benson	1010·8	-3	SSW	5	o	49	85	8	–	St	10	–	10	*
S. Farnborough	1012·2	-2	SSW	4	odo	50	85	6	800	Nb	10	–	10	*
London (Kew Obsy.)	1012·2	-3	S'W	3	o	53	75	8	2500	StCu	9	ASt	10	*
Croydon	1012·9	-3	S	5	o	51	75	7	1500	StCu	7	ASt	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1013·3	-1	WSW	2	do	52	75	7	800	StCu	7	ASt	10	*
Grain	1013·0	-1	SSW	5	ro+	51	85	7	1500	Nb	6	ASt	10	*
Lympne	1014·0	-2	SW	5	rr	49	97	8	450	Nb	9	ASt	10	*
Scilly (St. Mary's)	1012·6	0	W	5	ododo	52	97	4	1500	St	10	–	10	*
Falmouth (Pendennis)	1012·1	0	W	5	rr	53	97	5	2500	Nb	10	–	10	*
Plymouth (Cattewater)	1012·0	-1	SW	3	rr	51	97	5	4000	Nb	10	–	10	*
Portland Bill	1011·1	-3	WSW	4	rr	46	85	6	450	St	10	–	10	*
Southampton (Calshot)	1012·9	-2	SSW	4	roro	49	92	6	1500	Nb	10	–	10	*
Dungeness	1014·5	0	SW	4	rr	50	97	7	1500	St	10	–	10	*
Jersey	1016·0	0	SW	3	rr	50	97	6	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	Height of Low Cloud Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1000·2	-4	SSW	4	o+	44	85	7	5700	StCu	8	CiSt	9	3
Stornoway	994·2	-2	WSW	4	pro	47	92	6	4000	Nb	9	–	9	3
Wick	995·2	-5	S	4	o	46	97	7	1500	St	6	ASt	10	3
Castlebay	998·0	+2	WSW	5	bc	48	85	6	1500	StCu	2	ASt	4	5
Nairn	996·1	*	W	2	c+	52	65	8	4000	Cu	7	–	7	*
Aberdeen	998·4	-5	S	3	o	46	92	6	1500	St	10	–	10	0
Malin Head	1001·6	+0	W	4	pro	50	97	7	2500	St	4	–	4	1
Renfrew	1001·2	+1	WSW	5	bcjp	50	75	8	2500	StCu	6	–	6	*
Edinburgh (Inchkeith)	998·6	-3	WSW	4	bc-	49	85	7	–	CuNb	6	–	6	4
Eskdalemuir	1002·1	+0	W'N	4	bc	47	75	8	2500	StCu	5	–	5	*
Tynemouth	1002·6	-3	SSW	2	o	52	85	5	2500	St	10	–	10	0
Blacksod Point	1004·3	+2	SW	5	c	51	75	8	–	Cu	7	–	7	4
Donaghadee	1004·3	+2	W	2	bc-	54	65	8	5700	Cu	3	ACu	5	3
Birr Castle	1008·0	*	W	3	c	53	75	7	4000	Cu	8	–	8	*
Baldonnell	?	+2	W'N	4	c+	53	75	8	2500	StCu	8	–	8	*
Holyhead	1006·6	+2	SW'W	4	bc-	52	75	8	7250	–	-	ACu	4	3
Liverpool (Bidston)	1005·7	+1	W'S	5	bc	52	75	7	2500	StCu	3	CiCu	6	4
Chester (Shotwick)	1005·3	+0	WNW	4	o	56	55	6	2500	StCu	10	–	10	*
Spurn Head	1005·6	-3	SSW	4	o	50	92	6	4000	StCu	9	–	9	4
Nottingham	1006·2	*	SSW	3	pro	52	92	6	2500	Nb	10	–	10	*
Cranwell	1007·2	-2	SSW	3	o-	51	92	8	800	St	9	ACu	10	*
Gorleston	1010·1	-2	WSW	5	ro	50	75	6	4000	Nb	10	–	10	4
Pulham														*
Valencia (Cahirciveen)	1011·1	+1	SW'W	4	c+	53	75	8	1500	StCu	4	ACu	7	4
Roches Point	1010·5	+2	WNW	3	bc-	55	65	8	2500	StCu	1	Ci	5	3
Pembroke (St. Ann's H.)	1010·2	+1	W	5	bc-	49	92	6	–	–	-	ASt	5	6
Ross-on-Wye	1007·9	-1	WSW	3	do	54	85	8	2500	Nb	8	Ci	10	*
Benson	1008·8	-2	S	3	r-	52	92	7	–	Nb	10	–	10	*
S. Farnborough	1009·7	-3	S'W	3	o-	51	97	7	800	Nb	10	–	10	*
London (Kew Obsy.)	1009·2	-4	S'W	2	d+	51	92	5	1500	Nb	6	ASt	10	*
Croydon	1010·0	-4	SSW	4	roro	50	97	6	450	St	8	ASt	10	*
Clacton-on-Sea	1010·2	-3	SSW	4	o	50	85	7	2500	St	10	–	10	2
Shoeburyness	1010·4	-3	SW	3	r+	49	85	6	450	Nb	10	–	10	*
Grain	1010·4	-3	SSW	3	rr	50	97	7	450	Nb	10	–	10	0
Lympne	1011·3	-3	SSW	6	rr	48	97	1	<150	Nb	10	–	10	*
Scilly (St. Mary's)	1013·2	+2	WNW	4	o	51	97	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1012·9	+2	W	4	PR-	52	97	5	1500	CuNb	10	–	10	0
Plymouth (Cattewater)	1012·2	+1	W	4	ojp	52	97	7	225	St	10	–	10	3
Portland Bill	1010·2	-1	WSW	5	ro	47	85	6	450	St	10	–	10	4
Southampton (Calshot)	1010·4	-2	SW	4	dodo	50	97	6	1500	St	10	–	10	3
Dungeness	1011·0	-4	SW	4	rr	49	97	7	1500	Nb	10	–	10	4
Jersey	1014·7	0	W	4	o	52	97	7	1500	Nb	10	–	10	3

LONDON OBSERVATIONS.

Stations	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. %
	24 Hours ended 0900 G.M.T. 4th								Yesterday		To-day
Kew	omomd	omdm	ocpocbcp	*	*	39	6	0·4	0·0	*	*
Croydon (24 hours ended 0700)	ocomml	ojorr	otob	*	*	40	5	0·2	0·0	*	*
Greenwich (Royal Obsy.)	oror	oror	oirob	56	44	37	4	1	0·0	84	68
City (Bunhill Row)	*	*	*	*	*	*	*	*	0·0	*	*
Westminster (St. James' Pk.)									0·0		
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	0·0	*	–
Camden Sq.	o	r	*	55	44	41	6	–	*	*	66
Kensington Palace	or	or	*	52	44	38	5	1	*	97 (18h.)	67
Hampstead Observatory	orm	orm	*	52	43	39	7	-	0·0	*	51

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
0·6	20h 2nd	<0·3	2h. 3rd
0·8	7h 3rd		

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 3rd 20 h. 45 m. to 4th 3 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6·30	4·20	67
δ Ursæ Minoris	6·30	4·17	66

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 4 sec.	Stren.	Direc.
1h.	-			
1h.	-	-	-	-
6h.	-	-	-	-
9h.	-	-	-	-
17h.	-	-	-	-

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

4th & 5th MAY. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·19 / 4·18	11·50 / 11·50	7·20 / 7·22
Greenwich	4·29 / 4·28	11·57 / 11·57	7·25 / 7·26
Wick	4·14 / 4·12	12·9 / 12·9	8·4 / 8·6
Valencia	5·8 / 5·6	12·38 / 12·38	8·8 / 8·9

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, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow t thunder.
u unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.
jp precipitation within sight.

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.
roro = continuous light rain.

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

SEA DISTURBANCE.

0 = no swell, 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

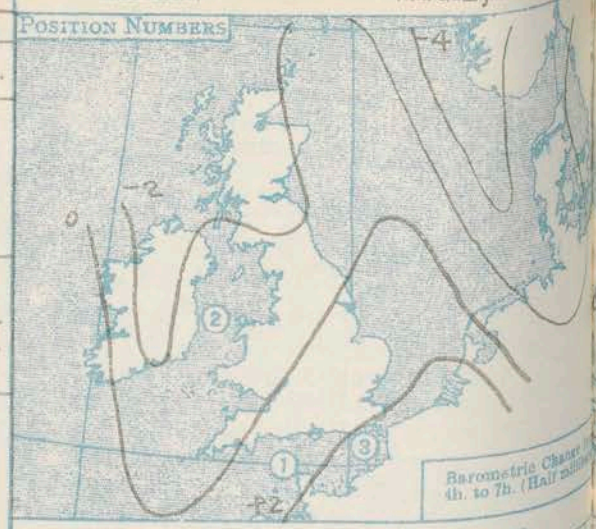
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-15h. 3rd	13h.-18h. 3rd	18h. 3rd to 1h. 4th	1h.-7h. 4th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b-bc	c	r o d	b o bc	48	43	•	0·4	2	<0800	<2100	•
Stornoway	p	r-d	c	p	50	41	•	2	0·6	–	–	2·8
Wick	b-bc	oir o	b o bc	b o bc	47	40	•	0·2	–	–	–	•
Castlebay	orrop	opbc	bcobc	ropc	48	42	•	0·3	1	–	–	3·4
Nairn	bccg		bc	id o bc	55	39	•	–	0·4	–	5·30	6·4
Aberdeen	bcom	op o m	ocbm	bmbc	51	39	30	?trace	–	14·30	–	7·2
Malin Head	od o d o	bcp o		cp o	52	42	•	1	1	17.30	1·30	4·3
Renfrew	ofir o q	oddobc	bccmq	oi p o qm	54	42	37	0·3	0·6	0900	3·30	2·2
Edinburgh (Inchkeith)	oo	p	b o bc	b	50	42	39	0·1	0·6	–	–	4·4
Eskdalemuir	odorm	or o bc	bcbcd	cdbcco	49	37	32	3	0·3	0900	<2100	1·4
Tynemouth	cm	omp o	bcm	bcm	54	41	35	trace	–	16.30	–	•
Blacksod Point ...	p	p	h o r h	p	54	42	•	?	5	13.30	2400	•
Donaghadee	old	bcqd	bc	bcq	56	43	•	0·2	–	<0800	–	•
Birr Castle	cop o o	copr o	coiR	r o r d	55	43	37	1	3	<0800	2200	1·9
Baldonnell	oo	c			58			–		–		
Holyhead	or d od o r	ir o oc	bcc	cbcb	54	46	44	0·5	–	<0800	–	1·5
Liverpool (Bidston) ...	oo	p	b		55	45	38	0·4	–	1630	–	0·9
Chester (Shotwick) ...	oir oo	od o mo	oprbb	bcobc	56	44	35	trace	0·3	<0800	<2100	•
Spurn Head	c	p	b o bc	b o bc	58	43	•	1	0·4	1630	<2100	4·7
Nottingham	p o	p	p o c	c	53	40	33	1	0·3	11.00	<2100	1·0
Cranwell	bcco	p o rr	ocbcb	b o bc	55	41	37	1	1	12.30	<2100	4·3
Gorleston	bbccq	coup	or o bc	bcbw	56	43	42	trace	1	17.30	<2100	7·4
Valencia (Cahirciveen)	odcbc	bcc	cp	cpobc	54	45	42	0·2	3	<0800	<2100	7·0
Roches Point	oip o o	cbc	bcco	ocpb	58	46	•	0·2	0·5	1100	3.30	•
Pembroke (St. Ann's H.)	oi f id	orrff	c	b o bc	50	47	•	3	–	<0800	–	1·7
Ross-on-Wye	r o ido	or o co	dobcbbc	bcbbcc	55	43	38	1	–	<0800	–	0·1
Benson...	or	r	obc	c	52	38	29	6	–	1100	–	•
S. Farnborough ...	r o r o rr	od o r o rm	or bc	bcbbc	52	41	34	5	1	<0800	<2100	0·2
London (Kew Obsy.) ...	omormo	ormdm	oopocbc	omwbb	53	44	39	6	0·4	0900	<2100	0·0
Croydon	ocomrd	od o rr	or o ob	bcm	53	45	40	5	0·2	0900	<2100	0·0
Clacton-on-Sea ...	co		oro	ocpcm	55	45	42	–	3	–	<2100	2·6
Shoeburyness	oid o	oid o rr	orrc	bm	56	45	44	1	2	11.00	<2100	0·8
Grain	opir o	oirrr	orrrm	ocbcb	55	44	38	1	2	1100	<2100	0·3
Lympne	omr	od o rrF	offcbc	bbcm	50	44	40	1	4	<0800	<2100	~~0·0~~ 0·1
Scilly (St. Mary's) ...	omr	oo	oc	bcb	52	48	•	0·5	–			0·0
Falmouth (Pendennis)	omr	omrp	omp	omcz	54	48	•	4	–	<0800	–	0·0
Plymouth (Cattewater)	r-d	r-d	oro	oo	52	43	41	10	trace	<0800	<2100	0·0
Portland Bill	cor	or	or	obc	50	42	•	6	0·3	<0800	<2100	•
Southampton (Calshot)	oromrr	r o r o d o	c	c	51	44	43	3	trace	<0800	<2100	0·5
Dungeness	r-d	r	bm	b o bc	52	45	•	1	3	<0800	<2100	•
Jersey	orr	orrdd	oddo	oddo	53	49	•	7	1	<0800	2200	0·0

ISALLOBARS.

Thursday 4th May



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.
3	0200. 3rd	"Dieppe	SW	1	b	47	49
3	0300 4th	"Brighton	NNW	4	bclr	50	48

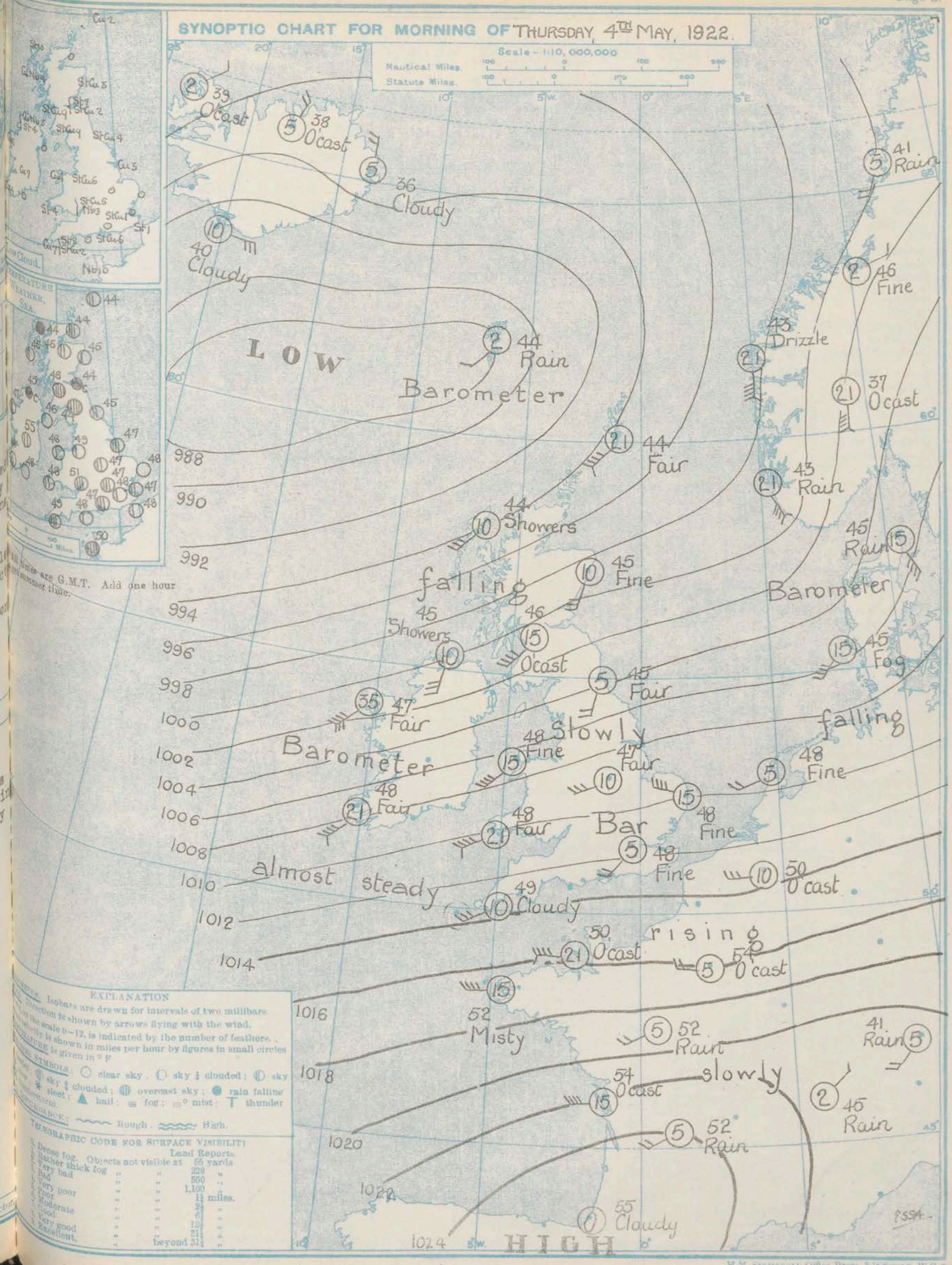
GENERAL INFERENCE.

The large depression centred near the Faroe is moving slowly eastward but further depressions are likely to develop in the Iceland region and maintain SW to W winds over the British Isles. Rain or showers are to be expected in most localities but bright periods of considerable duration will occur in the South.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 4th May, 1922	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	Wind SW to W, moderate or fresh; mainly fair Thursday, probably some rain or showers in places Friday; visibility mainly good; warmer.	Westerly winds with alternating fair and rainy periods ------
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	Wind SW to W, moderate to strong; cloudy, some rain or showers, brighter periods; visibility moderate to good; warmer.	
20. S.W. Ireland	Wind SW to W, moderate or fresh; fair early, some rain probable later; visibility moderate; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 G.M.T. Capt. 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 May 1922. No. 126

Observations at 0100 G.M.T. 4th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	995.2	-1	SW	4	or	45	92	6	2500	Nb	10	-	10	*
Stornoway	997.0	+2	SW	3	0	*	*	5	*	*	*	*	*	*
Wick	996.7	+1	SW	2	b.	42	92	8	-	-	0	ACu	1	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	No observations taken													*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1001.5	+2	WSW	4	b	44	85	8	-	StCu	2	-	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1004.9	+2	SW	1	b	46	85	6	-	-	0	-	0	*
Blacksod Point ...	1003.4	-1	SW	7	b/r	51	75	7	-	Nb	3	-	3	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1008.5	+1	SW	4	c	*	*	8	-	-	0	ASt	8	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1007.4	+2	W	4	b	47	85	6	-	-	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1008.5	+2	WSW	3	b	45	97	8	4000	StCu	2	-	2	*
Gorleston	1008.7	0	WNW	3	b/r	48	97	6	4000	Nb	3	-	3	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1008.6	0	SW'W	4	b/r	49	92	5	-	-	0	CiCu	2	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1012.0	+1	W	4	b	48	92	7	2500	St	3	-	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1011.7	+1	WSW	4	b/r	48	92	7	2500	St	3	ASt	5	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1010.9	+1	W	4	b	47	92	7	-	-	0	-	0	*
Scilly (St. Mary's) ...	1015.2	0	W	4	c-	49	97	7	-	-	0	CiCu	6	*
Falmouth (Pendennis)	1015.0	+2	WSW	4	o-	50	92	6	2500	CuNb	9	-	9	-
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1013.0	+2	W	5	c/r	46	85	7	1500	StCu	8	-	8	*
Southampton (Calshot)	1013.3	+1	WSW	3	bc-	47	92	8	4000	StCu	3	ASt	6	*
Dungeness	1011.2	+1	SW	4	b/r	49	97	6	-	-	0	-	0	*
Jersey 7h } Guernsey 1h } ...	1016.0	+1	SW	4	mo-	51	97	5	800	St	10	-	10	*

Observations at 0700 G.M.T. 4th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	995.2	0	SW	5	bc-	44	85	7	5750	Cu	2	ASt	6
Stornoway	993.2	-2	SW	3	opr	44	85	6	450	St	10	-	10
Wick	995.5	-2	SSW	3	c+	44	92	8	-	-	0	ACu	8
Castlebay	995.1	-2	SW	5	bc/r	45	85	7	1500	CuNb	4	ASt	5
Nairn	995.7	*	W	1	bc/r	45	85	8	4000	Cu	3	ACu	3
Aberdeen	999.1	-1	SW'S	3	b+	45	75	8	5750	StCu	3	-	3
Malin Head	998.1	-3	SSW	3	cPR-	45	97	7	2500	St	7	-	7
Renfrew	1000.4	-2	SW	4	o/r	46	92	6	2500	StCu	9	-	9
Edinburgh (Inchkeith)	1000.2	-2	WSW	4	cpr	44	92	7	-	StCu	8	-	8
Eskdalemuir	1001.8	-2	SW	6	o+	44	85	7	1500	StCu	9	-	9
Tynemouth	1004.2	-2	SSW	2	bc	45	92	6	4000	StCu	4	-	4
Blacksod Point ...	1001.3	0	SW	7	bc+	47	75	9	-	Cu	6	-	6
Donaghadee	1004.0	0	W	3	b.	46	75	8	-	-	0	-	0
Birr Castle	1005.7	*	SW	~~8~~ 13	bc-	43	97	9	4000	Cu	6	-	6
Baldonnell													
Holyhead	1007.2	0	SW	4	b-	48	75	7	2500	Cu	1	ACu	2
Liverpool (Bidston) ...	1006.8	0	WSW	4	b	49	75	7	2500	Cu	1	-	1
Chester (Shotwick) ...	1006.5	0	SSW	2	bc	52	65	8	4000	StCu	6	-	6
Spurn Head	1008.1	+1	SSW	4	c+	47	85	7	4000	Cu	3	ACu	8
Nottingham	1008.6	*	WSW	3	bc-	47	85	6	4000	Cu	6	-	6
Cranwell	1009.6	+1	SW'S	4	b	47	85	6	-	-	0	-	0
Gorleston	1010.3	+1	WNW	4	b-	48	85	6	-	-	0	-	0
	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1009.1	+1	SW'W	5	bc+	48	75	8	2500	Cu	4	-	4
Roches Point	1009.4	-2	WSW	4	b	48	85	8	-	-	0	-	0
Pembroke (St. Ann's H.)	1011.0	-1	WSW	5	bc	48	92	7	2500	St	4	-	4
Ross-on-Wye	1010.3	0	SW	3	c+	51	85	7	2500	StCu	8	-	8
Benson	1011.8	+1	WSW	3	c	47	92	8	-	StCu	7	-	7
S. Farnborough ...	1013.0	+2	SW	3	bc	47	92	7	-	-	0	ACu	1
London (Kew Obsy.) ...	1012.7	+1	SW	2	b+	48	85	6	4000	StCu	1	-	1
Croydon	1012.7	0	WSW	4	b	48	85	6	2500	Cu	2	-	2
Clacton-on-Sea ...	1011.8	+2	WSW	3	b/r	47	92	4	5750	Cu	5	-	5
Shoeburyness	1012.7	+2	WSW	5	mb-	49	85	5	-	-	0	-	0
Grain	1012.5	+2	WSW	3	b	50	85	6	-	-	0	-	0
Lympne	1013.0	+2	W	3	b	48	92	7	450	St	1	CuSt	2
Scilly (St. Mary's) ...	1014.9	0	W	5	b-	50	92	7	4000	Cu	1	-	1
Falmouth (Pendennis)	1014.9	0	WSW	3	c-	49	92	6	4000	Cu	7	-	7
Plymouth (Cattewater)	1014.2	0	W	3	ojp	49	97	8	1500	St	10	-	10
Portland Bill	1013.7	+1	W	4	b.	48	85	7	-	-	0	CiCu	7
Southampton (Calshot)	1013.7	+1	SW'W	3	c+	49	85	7	5750	StCu	6	ACu	8
Dungeness	1013.4	+2	W	4	b+	48	97	7	-	-	0	CiCu	3
Jersey 7h } Guernsey 1h } ...	1016.1	0	W	5	o/r	50	97	7	1500	Nb	10	-	10

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 2nd	Temperature. Max. Day 3rd	Rainfall.† Night 10h.-8h. 2nd-3rd	Rainfall.† Day 8h.-10h. 3rd	Sunshine. Sunrise to 10h. 3rd	Sunshine. Sunrise to Sunset 2nd
			°F.	°F.	mm.	mm.	hr.	
Banff	bbc	co	32	55	-	-	6.7	8.2
Montrose	bbc	c	35	49	-	-	5.1	4.4
Llandudno	oo	orc	41	55	1	0.1	0.7	8.6
Colwyn Bay ...								
Rhyl	c	cpbc	41	58	0.5	0.3	0.8	10.3
Southport	po	opbb	39	53	0.2	0.1	0.3	10.5
Blackpool	op	o	40	53	1	0.1	0.0	8.5
Harrogate	bcc	ohc	37	53	-	-	2.3	12.6
Skegness	boc	bcor	37	54	0.2	0.7	5.7	7.2
Aberystwyth ...	roc	ror	45	53	3	4	0.0	9.0
Bath	ro	or	42	56	1	2	0.0	4.0
Leamington Spa ...	od	or	36	51	1	2	0.0	5.4
Lowestoft	bc	bcou	40	56	-	-	7.6	10.8
Felixstowe	bcz	og	41	53	-	-	5.4	8.8
Southend	op	o	41	55	-	0.1	0.0	3.0

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 2nd	Temperature. Max. Day 3rd	Rainfall.† Night 10h.-8h. 2nd-3rd	Rainfall.† Day 8h.-10h. 3rd	Sunshine. Sunrise to 10h. 3rd	Sunshine. Sunrise to Sunset 2nd
			°F.	°F.	mm.	mm.	hr.	
Paignton	oror	orq	46	58	2	2	0.1	11.5
Ilfracombe	or	orfc	46	52	3	12	0.0	11.6
Bude	r	r	47	52	4	10	0.0	11.8
Penzance	orm	odm	48	59	5	3	0.0	9.5
Falmouth Observatory	rd	de	47	54	5	3	0.0	11.0
Torquay	r	r	48	57	1	2	0.0	12.2
Weymouth	or	r	44	52	1	6	0.0	10.3
Bournemouth ...	or	rro	43	52	-	3	0.2	6.1
Portsmouth (Southsea)	oo	or	43	52	0.4	4	0.7	8.0
Worthing	od	r	39	52	1	2	1.3	2.3
Brighton	or	r	40	50	0.5	2	0.5	3.0
Eastbourne	or	r	45	51	0.2	1	0.0	6.2
Hastings	bcc	cop	40	54	-	0.4	0.3	6.6
Folkestone	oo	odr	36	52	-	1	0.0	2.3
Tunbridge Wells ...	bc	bc	35	53	-	-	2.6	9.6
Ramsgate	c	o	41	56	0.2	-	1.6	10.8
Margate	opc	qo	40	54	-	-	1.0	11.0
Deal								

* 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.22,079. FRIDAY 5th MAY 1922.

Observations at 1300 G.M.T. 4th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	995·5	0	S	4	b	47	85	7	4000	Cu	2	ACu	3	*
Stornoway	985·0	-4	SSW	5	opr$_o$	46	85	6	450	St	10	–	10	*
Wick	993·4	-2	SSW	4	bc-	50	92	8	4000	Cu	5	–	5	*
Castlebay	989·2	-5	SW	7	orr$_o$	44	97	05	450	Nb	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	996·8	-2	SW'S	3	cpr$_o$	49	75	7	4000	Cu Nb	8	–	8	*
Malin Head	996·0	-4	SSW	4	oPR	49	97	7	4000	Nb	10	–	10	*
Renfrew	999·2	0	SW	6	cr$_o$	49	75	7	2500	Nb	8	–	8	*
Edinburgh (Inchkeith)	999·0	+1	WSW	5	c	45	75	7	–	Cu	3	CiSt	7	*
Eskdalemuir	1001·0	0	SW	5	c	47	75	8	2500	Cu	8	–	8	*
Tynemouth	1002·1	-2	WSW	2	o/p	45	92	6	4000	Nb	10	–	10	*
Blacksod Point	1001·4	+1	W	7	bc	51	65	8	–	Cu	6	–	6	*
Donaghadee	1002·5	-1	W	3	bc/r	51	65	8	5750	Cu Nb	5	–	5	*
Birr Castle	1005·3	*	W	3	c/r	50	75	8	4000	Cu	7	–	7	*
Baldonnell	?	+1	WSW	5	or$_o$	47	85	8	1500	Nb	8	CiSt	9	*
Holyhead	1006·5	+1	SSW	5	bt	52	75	9	2500	Cu	3	–	3	*
Liverpool (Bidston)	1005·6	-1	WSW	6	b-	50	85	7	2500	StCu	2	–	2	*
Chester (Shotwick)	1005·7	0	WSW	5	b-	52	75	8	2500	Cu	3	–	3	*
Spurn Head	1005·1	-3	SW	5	bc	58	97	6	4000	Cu Nb	5	–	5	*
Nottingham	1007·2	*	SW	5	bc-	52	75	6	1500	Cu	6	–	6	*
Cranwell	1006·9	-4	SW	6	o+	56	55	7	2500	Cu	7	ASt	9	*
Gorleston	1009·2	-1	W'S	5	c+	60	55	6	4000	Cu Nb	8	–	8	*
Valencia (Cahirciveen)	1010·9	+2	WSW	6	bc+	51	75	8	4000	StCu	5	–	5	*
Roches Point	1010·3	+1	W	6	c	53	65	8	2500	Cu Nb	8	–	8	*
Pembroke (St. Ann's H.)	1011·1	0	WSW	6	b	49	92	9	4000	Cu	3	–	3	*
Ross-on-Wye	1009·5	0	W'S	5	bc-	55	55	8	4000	Cu	4	–	4	*
Benson	1010·3	-2	WSW	5	c/r	57	65	8	–	Cu	7	–	7	*
S. Farnborough	1011·1	-2	SW	4	cpr$_o$	56	75	7	1500	Cu	8	–	8	*
London (Kew Obsy.)	1011·0	-2	WSW	4	opr$_o$	54	65	7	4000	CuNb	8	ACu	9	*
Croydon	1011·1	-3	SW'W	5	or$_o$+	58	65	7	2500	Cu	9	–	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1011·0	-2	SW	4	bc/t	57	65	7	2500	Cu	6	–	6	*
Grain	1010·9	-2	SW	5	c+	59	55	8	2500	Cu	7	–	7	*
Lympne	1012·4	-1	SW	5	bc+	55	85	8	800	Sc	5	ACu	6	*
Scilly (St. Mary's)	1015·0	+2	WNW	6	bc	54	75	7	4000	StCu	3	–	3	*
Falmouth (Pendennis)	1015·0	0	W	6	bc-	52	75	7	4000	Cu	6	–	6	*
Plymouth (Cattewater)	1014·1	0	W	4	bc	53	75	7	1500	StCu	5	–	5	*
Portland Bill	1013·7	0	W'S	5	b	49	85	7	–	–	–	CiCu	2	*
Southampton (Calshot)	1012·8	-1	SW	6	b-	53	85	8	1500	Cu	2	–	2	*
Dungeness	1013·3	0	WSW	4	bc+	54	85	7	4000	Cu	3	ACu	2	*
Jersey	1017·0	0	W	5	bc	54	85	8	4000	Cu	6	–	6	*

Observations at 1800 G.M.T. 4th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	993·0	-5	S	4	b	46	85	7	4000	Cu	3	–	3	3
Stornoway	981·2	-7	SW	5	orr$_o$	47	92	6	450	St	10	–	10	4
Wick	988·7	-6	SSW	5	oRR	43	97	6	800	St	10	–	10	3
Castlebay	986·8	-1	WSW	8	or$_o$r$_o$	47	92	5	450	Nb	10	–	10	7
Nairn	987·8		SW'S	7	bc+	47	75	8	4000	Cu	4	Ci	6	*
Aberdeen	994·0	-3	SSW	5	opr$_o$	46	75	6	1500	Nb	9	–	9	0
Malin Head	996·6	0	WSW	5	o	49	97	6	2500	Sc	10	–	10	5
Renfrew	997·6	-1	SW	5	orr	46	85	6	1500	Nb	10	–	10	*
Edinburgh (Inchkeith)	995·5	-4	WSW	6	opr	44	85	8	–	Nb	10	–	10	5
Eskdalemuir	1000·1	-2	SW	6	or	43	85	7	1500	Nb	10	–	10	*
Tynemouth	1001·5	-2	WSW	4	bc-	52	65	6	4000	Cu	3	ASt	2	1
Blacksod Point	1003·0	+1	W	8	bc	49	65	8	<150	Cu	6	–	6	8
Donaghadee	1002·6	0	W	3	bcph$_o$	50	65	8	5750	Cu	5	–	5	2
Birr Castle	1007·1	*	W	4	c+	50	75	8	4000	Cu	8	–	8	*
Baldonnell	?	·0	WSW	5	c	50	85	8	4000	Cu	6	CiSt	7	*
Holyhead	1006·7	0	SW'W	5	b	50	75	9	4000	Cu	2	–	2	4
Liverpool (Bidston)	1006·1	+2	WSW	5	b/r	50	65	7	2500	Cu	1	–	1	5
Chester (Shotwick)	1006·1	+	WSW	6	b	5	65	8	1500	StCu	2	–	2	*
Spurn Head	1006·0	+1	W	5	bc	51	85	8	4000	Cu Nb	5	–	5	4
Nottingham	1007·4	*	W	5	bc+	53	55	7	800	Cu Nb	6	–	6	*
Cranwell	1007·6	0	WSW	6	b	53	65	8	2500	Cu	3	–	3	*
Gorleston	1008·6	-1	NW	5	bc	55	55	6	4000	Cu Nb	6	–	6	0
Valencia (Cahirciveen)	1011·5	+1	SW'W	5	bc	50	75	8	2500	StCu	4	ACu	5	6
Roches Point	1011·2	0	W	4	bc-	50	65	8	2500	Cu Nb	5	–	5	3
Pembroke (St. Ann's H.)	1017·2	+1	WSW	6	b	48	85	7	–	–	–	–	0	5
Ross-on-Wye	1010·6	+1	WSW	5	b-	51	65	8	4000	Cu	3	–	3	*
Benson	1011·6	+1	WSW	6	b	52	55	9	–	Cu	2	–	2	*
S. Farnborough	1011·8	+1	WNW	4	c-	55	55	8	2500	Cu	7	–	7	*
London (Kew Obsy.)	1011·4	+1	WSW	4	btl	55	55	8	4000	Cu	1	–	1	*
Croydon	1011·7	0	W	5	b/r	54	55	8	4000	Cu	3	–	3	*
Clacton-on-Sea	1009·8	0	SW	4	bcll	54	75	6	4000	Cu	5	–	5	0
Shoeburyness	1010·9	0	WSW	3	PR-	53	55	8	2500	StCu	1	–	1	*
Grain	1011·2	+1	SW	4	bc-	53	75	8	4000	Cu	5	–	5	0
Lympne	1011·9	+1	SW	5	c/r	50	85	8	1500	Cu	8	–	8	*
Scilly (St. Mary's)	1016·3	+1	W	5	b-	51	75	7	4000	Cu	1	–	1	6
Falmouth (Pendennis)	1015·5	0	W	5	b-	52	65	8	4000	Cu	3	–	3	1
Plymouth (Cattewater)	1015·3	+1	W	3	bc	51	75	8	1500	Cu	6	–	6	1
Portland Bill	1013·7	0	W	5	b	49	85	7	–	–	0	CiCu	1	4
Southampton (Calshot)	1012·7	0	WSW	6	bc-	54	55	8	4000	Cu	4	–	4	3
Dungeness	1012·7	-1	WSW	5	c+	51	92	7	4000	Cu	7	–	7	5
Jersey	1017·4	0	W	4	b	53	85	8	4000	Cu	1	–	1	4

London Observations

Station	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. 5th										
Kew	copycop	b/p/r/p/b	bybb	*	*	38	1	tr	10·1	*	*
Croydon (24 hours ended 0700)	bcor$_o$	c/p/a/y	byb	:	*	36	3	0·2	10·3	*	*
Greenwich (Royal Obsy.)	bc	oir/b/b	bor	63	43	35	3	2	10·7	81	74
City (Bunhill Row)	*	*	*	*	*	*	*	*	9·4	*	*
Westminster (St. James' Pk.)	bcor/r	cbodr	·oe	60	44	39	3		10·2	74	76
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	9·6	*	*
Camden Sq.	o	ph	*	59	43	38	2	1	*	*	74
Kensington Palace	*		*	59	43	37	1	1	*	† (18h.)	86
Hampstead Observatory			*						10·3	*	

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·6 / 0·6	17h-19h 3rd / 7h-4th	<0·3	1-4h. 4th

Kew Observatory Max.	Time.	Min.	Time.
0·5 / 0·5	18h. 3rd / 6h.-4th	<0·3	1-4h. 4th

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4th 20 h. 45 m. to 5th 3 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6.30	6.30	100
δ Ursae Minoris	6.30	6.30	100

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	*	*	*	*
18h.	*	*	*	*
0h.	*	*	*	*
07h.	*	*	*	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 5th & 6th MAY 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·18 / 4·16	11·50 / 11·50	7·22 / 7·24
Greenwich	4·28 / 4·26	11·57 / 11·57	7·26 / 7·28
Wick	4·12 / 4·10	12·9 / 12·9	8·6 / 8·8
Valencia	5·6 / 5·5	12·38 / 12·38	8·9 / 8·10

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

SEA DISTURBANCE.

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

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

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

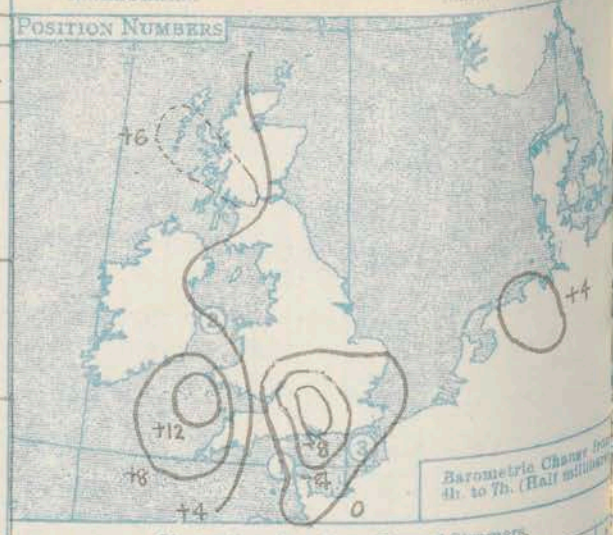
M.O. Form 2370.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.–13h. 4th	Weather. 13h.–18h. 4th	Weather. 18h. 4th to 1h. 5th	Weather. 1h.–7h. 5th	Temperature. Max. Day. 7h.–18h.	Temperature. Min. Night. 18h.–7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.–18h. mm.	Rainfall.† Night. 18h.–7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	b n b c	b n b c	r n d	r n d	49	41	•	–	2	–	22.00	•
Stornoway	p	r	r n d	p	49	42	•	6	2	–	<21.00	5.0
Wick	c	R R m	o i r	r o m	51	40	•	1	3	17.30	<21.00	•
Castlebay	c p r r	r o r	r o p p c	c o p	47	44	•	1	1	11.30	–	3.4
Nairn	b c q		c q i r	c q i R	54	42	•	–	1	0	22.00	8.7
Aberdeen	b c p r	c p o r q	b c q m	c m b	55	42	37	1	–	12.30	–	6.2
Malin Head	o q p	o q p m		o q P	50	34	•	1	1	09.00	5.30	5.4
Renfrew	o R R c m	c i q r m q	o m r o r	o m r o r	50	43	41	5	4	11.00	<21.00	4.9
Edinburgh (Inchkeith)	p	p	b n b c	i r	50	?	41	0.4	0.1	17.30	–	6.2
Eskdalemuir	o o p h r o c	c p h r	o r o c	c o o r	49	39	37	4	1	–	<21.00	6.0
Tynemouth	c p m	c m q p	b c c q	c q m	56	44	39	1	–	09.00	–	•
Blacksod Point	o o	o o	b n b c	b n b c	52	44	•	?	0.1	–	5.30	•
Donaghadee	b c q p	b c q p	b c q p	b c	55	40	•	1	0.1	11.00	<21.00	•
Birr Castle	c p r	c o p h r	c p r	b c	53	40	34	1	0.4	<08.00	<21.00	10.3
Baldonnell	o p r	c	b n b c		55	39	?	2	Trace	<08.00	<21.00	?
Holyhead	b c c p b	b c p b r	b c b o	o b c	54	44	43	Trace	–	09.00	–	11.2
Liverpool (Bidston)	b o p h q	b	b c		56	43	40	0.3	–	12.30	–	10.0
Chester (Shotwick)	o R q c	b c p R q b	b b q c	c o o	57	43	40	1	–	12.30	–	•
Spurn Head	b n b c	b n b c	b n b c	c	57	41	•	–	–	–	–	8.2
Nottingham	c p r	c p b q	c o R		58	43	37	1	1	11.00	<21.00	9.5
Cranwell	b c p r	~~r n d~~	b n b c	b b c o	58	40	36	0.4	–	11.00	–	12.5
Gorleston	b b c c	c o p	b c q b r	b b c c o	61	41	38	–	–	–	–	10.3
Valencia (Cahirciveen)	b c p b	b c p	b c c o r	b c p o	52	42	39	0.3	9	09.00	22.00	10.8
Roches Point	c p q	c p o q	b c o r	o R b	53	40	•	0.4	9	09.00	24.00	•
Pembroke (St. Ann's H.)	b n b c	b n b c	c	o r q p c	50	41	•	–	4	–	2.30	11.1
Ross-on-Wye	o p b c p c q	b c q y	d c q b	b c o r o p	57	43	42	0.2	2	<08.00	5.30	9.0
Benson	i r c	b r	b	r o c	57	41	34	1	0.3	–	4.30	•
S. Farnborough	c p r	c p b r b c c	c b c b	b o p r	61	40	40	1	0.2	12.30	6.30	11.1
London (Kew Obsy.)	c o p q c o	b o i p l p h b y	b y b b	b o m p o r	57	44	38	1	Trace	12.30	6.30	10.1
Croydon	b c o r	c p q t y	b y b	b o r r o	59	42	36	3	0.2	13.30	6.30	10.3
Clacton-on-Sea	b c y	b c C	b c b	b o q p	60	44	41	–	Trace	–	6.30	11.2
Shoeburyness	b m b c	b c o R b	o	b c c o	60	42	38	3	–	15.30	–	10.2
Grain	c	o P b c	b c b b	b b c o	61	43	34	2	–	14.30	–	9.4
Lympne	b b c c b c	b c p r p	b n b c	b b c c o	56	39	36	0.1	0.1	16.30	<21.00	11.4
Scilly (St. Mary's)	p o	b c p o	b b c	r n d	55	45	•	0.6	2	09.00		11.6
Falmouth (Pendennis)	c p b n q	b c q	b c q	b c p c q	56	45	•	–	3		2.30	12.0
Plymouth (Cattewater)	c	c	b c c b	d o r d	55	41	43	–	3	–	1.30	11.3
Portland Bill	b c	b c	b	b o r b c	50	40	•	–	1	–	5.30	•
Southampton (Calshot)	c	c	p	r n d	55	45	43	–	1	–	<21.00	10.6
Dungeness	b n b c	c	c	c	55	46	•	–	–	–	–	•
Jersey	o c	c b	b o p b	b c o	55	47	•	–	0.3	–	22.00	9.3

Isallobars.

5th May



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1000. 4th	"Cambria"	SW	5	b c p v	47	46
1	1200 4th	"Reindeer	WSW	3	b c p r	52	50

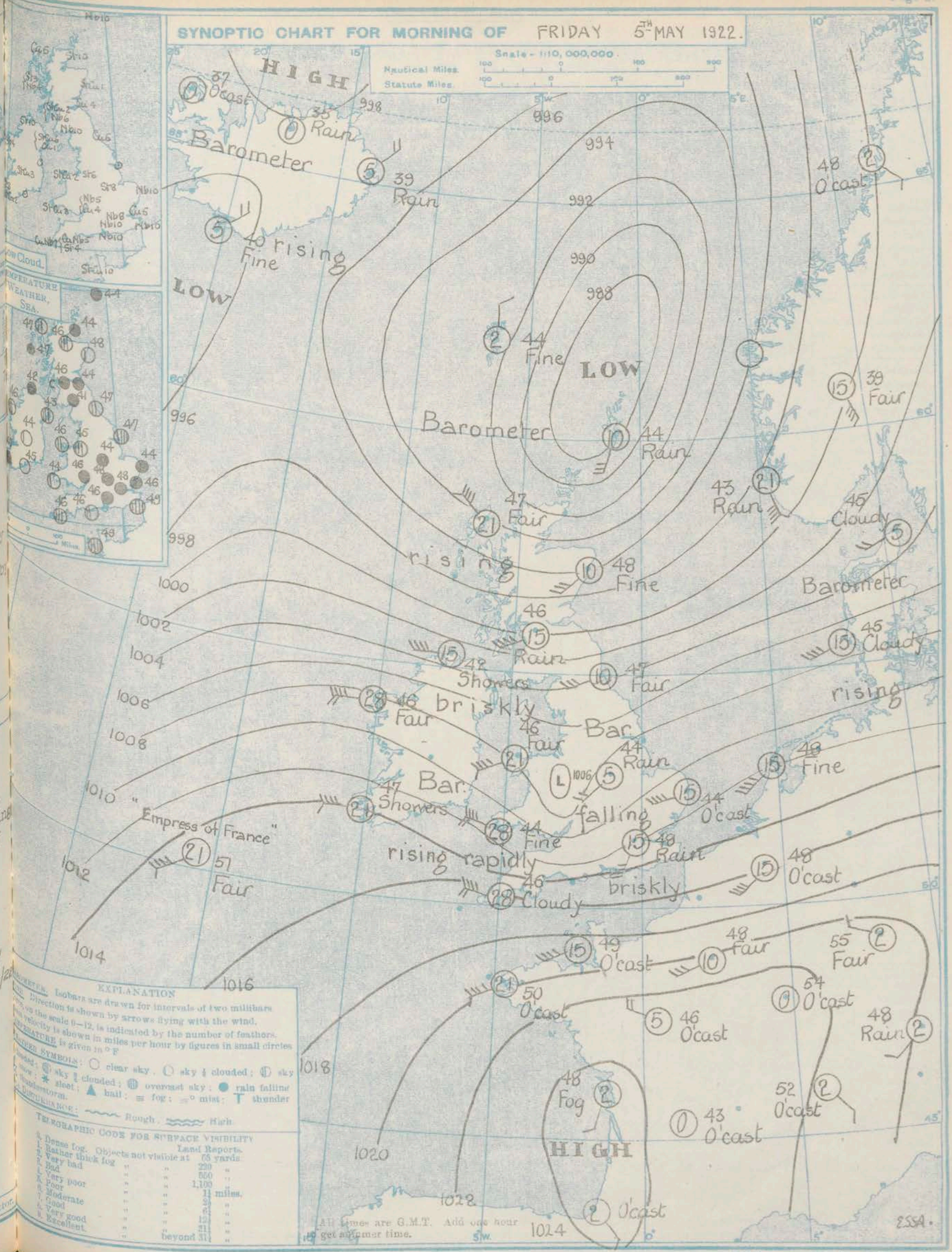
General Inference.

The depression centred to north of Scotland the secondary over Wales are moving eastward and are likely to be followed by further disturbances after a brief fair period.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 5th May, 1922.	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 12. S.W. Scotland 13. Isle of Man	Wind westerly, moderate to strong; changeable, some rain or showers, risk of thunder; visibility good; moderate temperature.	Westerly winds with alternating fair and rainy periods. South Cone Hoisted at 14.15h. 4/5/22
14. N. & N.W. Scotland 15. Hebrides	Wind N.W. backing S.W, fresh; changeable, some rain or showers; rather cold.	
16. Orkneys and Shetlands	Wind S.W. to N.W, fresh; rainy then fairer; rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between S.W. and N.W, moderate to strong; changeable, some rain or showers; visibility good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.00 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 MAY 1922. No. 127.

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	989.1	-3	SSE	4	odl	43	92	6	2500	Nb	10	-	10	*
Stornoway	997.0	+7	WSW	6	orr	*	*	4	*	*	*	*	*	*
Wick	985.9	0	SW	5	cpr	45	92	8	2500	CuNb	7	-	7	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head			No observations taken											*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	992.6	-3	WSW	7	b	45	75	8	-	CuNb	1	ASt	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	002.1	0	WSW	4	c+	46	85	7	4000	St	8	-	8	*
Blacksod Point ...	1004.6	+1	W	6	bc	45	75	5	-	CuNb	4	-	4	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1008.4	+1	SW	5	o	*	*	8	2500	StCu	10	-	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1007.0	0	WSW	5	b	45	85	7	-	-	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1009.3	+2	SW	4	b	44	85	8	-	-	0	-	0	*
Gorleston	1011.1	+1	W	3	b-	45	75	8	-	-	0	-	0	*
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1010.9	0	W'N	5	bc-	44	97	6	-	-	0	CiCu	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1012.4	0	W	6	o	47	85	8	2500	St	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	45	*	*	*	*	*	*	*	*
Croydon	1014.7	+1	WSW	5	b	44	75	8	-	-	0	-	0	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1014.9	+3	W	3	b	41	92	8	-	-	0	-	0	*
Scilly (St. Mary's) ...	1015.4	-2	W	5	bc+	50	85	6	4000	Cu	6	-	6	*
Falmouth (Pendennis)	1015.7	-2	W	6	bc+	48	92	7	4000	Cu	5	-	5	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1015.3	+1	W	5	b	45	85	7	-	-	0	-	0	*
Southampton (Calshot)	1015.4	+1	WSW	3	b-	46	85	8	-	-	0	-	0	*
Dungeness	1015.0	+3	WNW	3	b.	46	92	8	-	-	0	-	0	*
Jersey 7h }														*
Guernsey 1h }	1018.9	+1	WSW	3	b	48	85	7	7250	StCu	3	-	3	*

Observations at 0700 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	957.3	0	SSW	3	or	44	92	6	2500	Nb	10	-	10	2
Stornoway	994.7	+9	NW	5	bc	47	85	6	4000	Cu	6	-	6	4
Wick	987.5	+3	W	5	orr	44	97	5	800	St	10	-	10	3
Castlebay	999.3	+6	WNW	5	opr	47	92	6	800	Nb	10	-	10	5
Nairn	993.5	*	W	5	c/r	46	85	8	1000	CuNb	5	CiCu	8	*
Aberdeen	994.9	+4	SWW	3	b-	48	65	5	7250	StCu	1	-	1	0
Malin Head	1002.3	+4	W	4	opr	42	97	6	2500	St	10	-	10	4
Renfrew	1000.2	+3	WSW	4	cr	46	92	7	800	Nb	8	-	8	*
Edinburgh (Inchkeith)	997.6	+7	WSW	6	or	44	92	7	-	St	10	-	10	5
Eskdalemuir	1002.0	+2	SW	6	or	41	85	6	1500	Nb	10	-	10	*
Tynemouth	1004.3	+2	WSW	3	bc	47	75	6	4000	Cu	6	-	6	0
Blacksod Point ...	1009.7	+5	W	6	bc	46	75	8	-	St	4	-	4	*
Donaghadee	1005.0	+2	WSW	3	c-	43	85	8	4000	StCu	7	-	7	3
Birr Castle	1010.4	*	SW	2	b-	44	92	7	4000	StCu	3	-	3	*
Baldonnell	?	+4	W'S	5	b	43	85	8	-	-	0	CiSt	2	*
Holyhead	1009.3	+3	WSW	5	bc	46	75	7	1500	StCu	2	ASt	6	4
Liverpool (Bidston) ...	1007.9	+1	WSW	3	c+	45	75	7	2500	Cu	1	ASt	6	*
Chester (Sholwick) ...	1007.7	+1	WSW	4	o	45	75	8	4000	St	6	ASt	9	*
Spurn Head	1008.7	+1	SW	5	o	47	92	6	-	-	0	ASt	10	4
Nottingham	1009.3	*	SW	2	oRR	44	92	5	2500	Nb	10	-	10	*
Cranwell	1009.4	0	~~SWW~~ SW	4	opr	44	85	7	2500	St	8	ASt	10	*
Gorleston	1011.6	0	W'S	4	o/p	44	85	7	4000	Nb	10	-	10	1
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1015.3	+5	W	5	opr	47	75	7	2500	St	10	-	10	4
Roches Point	1014.9	+5	W	3	b	45	85	8	-	-	0	-	0	3
Pembroke (St. Ann's H.)	1012.9	+13	WNW	6	b-	44	92	8	2500	StCu	3	-	3	0
Ross-on-Wye	1006.4	~~+2~~	WSW	4	obr	46	85	8	2500	Nb	9	-	9	*
Benson...	1009.3	-6	SSW	4	cr	48	92	8	-	Nb	7	-	10	*
S. Farnborough ...	1011.4	-4	SW'W	5	orr	46	92	6	800	Nb	10	-	10	*
London (Kew Obsy.)...	1011.4	-4	~~NWW~~ SW	4	or	48	85	6	1500	Nb	8	ASt	10	*
Croydon	1012.6	-3	SSW	5	o/r	46	92	7	1500	St	10	-	10	2
Clacton-on-Sea ...	1013.5	0	SW	4	opr	46	85	7	1500	St	10	-	10	*
Shoeburyness	1013.4	0	SW	4	mmo	42	85	6	1500	Cu	5	ASt	10	0
Grain	1013.5	0	SSW	4	or	48	85	7	1500	St	10	-	10	*
Lympne	1014.4	-1	SW	5	or	47	92	6	450	Nb	10	-	10	6
Scilly (St. Mary's) ...	1017.2	+5	NW	4	b/r	47	85	8	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1015.1	+8	WNW	6	c/r	46	85	8	4000	CuNb	7	-	7	3
Plymouth (Cattewater)	1016.1	+8	W	4	ojp	46	75	8	1500	CuNb	9	-	9	6
Portland Bill	1013.3	-2	W	6	bc+	46	85	7	1500	StCu	5	-	5	6
Southampton (Calshot)	1012.2	-2	SW'S	7	orr	49	92	7	800	Nb	10	-	10	3
Dungeness	1014.5	0	SW	4	o	49	92	7	1500	St	10	-	10	3
Jersey 7h }														
Guernsey 1h }	1018.7	0	WSW	4	o	49	85	8	4000	StCu	10	-	10	*

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 3rd	Temperature. Max. Day 4th	Rainfall.† Night 18h.-9h. 3-4	Rainfall.† Day 9h.-18h. 4th	Sunshine. Sunrise to 17h. 4th	Sunshine. Sunrise to Sunset 3rd
			°F.	°F.	mm.	mm.	hr.	
Banff	c. bc	c. 0	40	56	-	-	6.9	6.8
Montrose	0	bc	35	53	-	-	6.9	0.8
Llandudno	c. bc. c	bc. c. b	47	53	0.1	1	9.3	? 1.7
Colwyn Bay ...	c	bc. b	47	55	-	-	9.0	3.0
Rhyl...	bc. cp	bc. b	45	57	0.3	0.3	10.3	1.4
Southport	c. bc. 0	or h. bc	45	54	-	1	10.4	1.5
Blackpool	cp	bc	46	53	-	1	8.1	0.7
Harrogate	bc. b. p	c. bc. bp	39	55	0.2	3	6.6	2.8
Skegness	c. b	c. oq. cb	41	61	3	0.1	10.7	5.7
Aberystwyth ...	0. c. b	bc. c	47	51	-	-	6.0	0.7
Bath								
Leamington Spa ...	or	c. or. bc	40	57	2	4	7.1	0.0
Lowestoft	b. bc	bc. oph	44	61	1	-	9.8	7.6
Felixstowe								
Southend	b. bc	op. bc	44	60	3	3	8.5	0.0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 3rd	Temperature. Max. Day 4th	Rainfall.† Night 18h.-9h. 3-4	Rainfall.† Day 9h.-18h. 4th	Sunshine. Sunrise to 17h. 4th	Sunshine. Sunrise to Sunset 3rd
			°F.	°F.	mm.	mm.	hr.	
Paignton	bc	bc. q	45	60	-	-	10.3	0.1
Ilfracombe	bc	bc. c	48	52	-	-	9.2	0.0
Bude	bc. p. bc	b. c. b	48	54	-	2	*	0.0
Penzance	bc	bc	47	56	0.3	-	10.5	0.0
Falmouth Observatory	b	b	47	56	-	-	10.2	0.0
Torquay	b	b	46	60	-	-	9.8	0.0
Weymouth	b	b	45	57	1	-	11.0	
Bournemouth ...	b	b	43	58	Trace	-	10.0	0.2
Portsmouth (Southsea)	b	b	45	57	1	-	10.9	0.7
Worthing	bc	b	39	55	2	-	10.6	1.3
Brighton	bc	bc	42	53	3	-	9.6	0.5
Eastbourne	bc	bc. c. 0	47	54	3	-	11.0	0.0
Hastings	bc. b. bc	b. bc. o	45	54	4	-	11.1	0.0
Folkestone	b	bc. c. bc	46	55	5	-	11.6	0.3
Tunbridge Wells ...	b. bc. op	b. bc. op	43	58	3	1	8.6	0.0
Ramsgate	b	b	43	58	4	-	9.9	2.6
Margate	b	bc. b. or	45	60	4	1	9.4	1.6
Deal	b. bc	pq. rc	46	58	3	-	11.8	1.0

* 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:

BRITIAN SECTION. No. B. 22080 SATURDAY 6th MAY 1922. Page 1.

Observations at 1300 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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	993·5	+8	NNW	3	or₀	49	85	7	4000	Nb	10	–	10	•
Stornoway	1002·4	+7	NW	4	bcpr₀	50	75	6	4000	Cu	6	–	6	•
Wick	999·4	+11	NNW	7	c	51	75	8	1500	CuNb	7	–	7	•
Castlebay	1007·1	+6	W'N	5	mmb	50	85	6	1500	Cu	3	–	3	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1002·0	+7	NW	5	bc	57	45	8	1500	Cu	6	–	6	•
Malin Head	1013·7	+9	W	3	bc+	51	92	7	4000	Cu	5	–	5	•
Renfrew	1007·5	+8	W	5	c–	51	75	8	2500	StCu	8	–	8	•
Edinburgh (Inchkeith)	1004·2	+6	W	6	bc–	50	75	8	–	Cu	5	CiCu	6	•
Eskdalemuir	1007·9	+7	W'N	6	oPR–	47	85	7	2500	Nb	9	–	9	•
Tynemouth	1006·4	+4	W	4	c–	53	75	6	4000	Cu	7	–	7	•
Blacksod Point	1014·1	+4	W	5	b	53	65	9	–	St	3	–	3	•
Donaghadee	1012·1	+6	W	3	bcpr₀	49	85	8	5700	Cu	2	ACu	5	•
Birr Castle	1015·0	•	W	2	bc+	54	75	8	4000	Cu	6	–	6	•
Baldonnell	–	+3	W	4	c	53	65	8	2500	StCu	8	–	8	•
Holyhead	1015·3	+7	W'S	5	bc	55	65	8	2500	Cu	1	ACu	5	•
Liverpool (Bidston)	1013·4	+5	W	7	b–	52	65	8	4000	StCu	2	–	2	•
Chester (Shotwick)	1013·3	+6	W	6	bc–	55	55	8	2500	Cu	4	CiCu	5	•
Spurn Head	1009·2	+3	WNW	5	b	50	85	8	4000	Cu	3	–	3	•
Nottingham	1013·4	•	W	4	o+	53	65	6	800	Cu	9	–	9	•
Cranwell	1013·1	+4	W	6	o	54	65	8	1500	StCu	9	–	9	•
Gorleston	1011·2	–1	N	5	o[illegible]	44	92	6	4000	Nb	10	–	10	•
Fulham														•
Valencia (Cahirciveen)	1018·2	+2	SW	4	bc+	54	65	8	4000	StCu	5	–	5	•
Roches Point	1018·4	+3	WSW	3	c	53	65	8	2500	StCu	8	–	8	•
Pembroke (St. Ann's H.)														•
Ross-on-Wye	1016·5	+5	WNW	4	bc	54	55	9	800	Cu	5	–	5	•
Benson	1016·2	+8	WNW	5	c–	55	55	9	–	Cu	7	–	7	•
S. Farnborough	1016·7	+8	W'N	4	c–	56	55	8	4000	Cu	8	–	8	•
London (Kew Obsy.)	1016·5	+12	W	4	c/r	53	55	8	5750	Cu	8	–	8	•
Croydon	1016·7	+11	WNW	5	c–	53	55	8	2500	StCu	7	–	7	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1015·2	+10	WNW	6	cPH	53	65	8	1500	Cu	7	–	7	•
Grain	1015·5	+12	W	6	c/r	51	75	7	2500	StCu	8	–	8	•
Lympne	1016·0	+8	WNW	7	c–	50	75	9	2500	Cu	8	–	8	•
Scilly (St. Mary's)	1021·6	+3	W'N	3	b	54	75	8	4000	Cu	2	–	2	•
Falmouth (Pendennis)	1021·1	+3	WNW	5	bc–	55	75	9	4000	Cu	4	–	4	•
Plymouth (Cattewater)	1020·4	+4	W	4	bc	53	55	8	1500	Cu	5	–	5	•
Portland Bill	1019·2	+6	W	5	bc+	51	85	7	–	–	0	CiCu	4	•
Southampton (Calshot)	1018·1	+5	WNW	6	c–	54	55	8	4000	Cu	7	–	7	•
Dungeness	1015·5	+6	W	6	c–	52	65	8	4000	CuNb	8	–	8	•
Jersey	1022·9	+1	WNW	5	b	53	75	8	4000	StCu	1	–	1	•

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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1000·7	+8	WNW	5	c–	47	75	6	4000	CuNb	7	–	7	4
Stornoway	1008·0	+6	NW	4	c+	49	75	6	4000	Cu	7	–	7	3
Wick	1005·4	+6	NW	5	opr₀	48	92	8	2500	CuNb	9	–	9	3
Castlebay	1011·4	+4	W	4	bc/h	49	85	6	1500	St	3	ACu	3	4
Nairn	1008·8	*	W	3	bc	48	75	8	4000	Cu	2	CiCu	6	•
Aberdeen	1009·1	+8	NW	3	b/r	51	65	8	4000	StCu	2	–	2	3
Malin Head	1013·4	+3	NW	3	bc	50	92	7	4000	Cu	3	CiCu	6	1
Renfrew	1012·9	+6	W	4	bcjp	51	65	7	2500	StCu	6	–	6	•
Edinburgh (Inchkeith)	1011·2	+9	W	4	bc	50	75	8	–	Cu	6	–	6	4
Eskdalemuir	1014·2	+6	WSW	4	bc/r	48	65	8	2500	Cu	3	–	3	•
Tynemouth	1013·0	+6	W	4	b	55	65	7	4000	Cu	3	–	3	1
Blacksod Point	1014·1	0	SW	5	bc	51	85	9	–	StCu	5	–	5	7
Donaghadee	1015·1	+2	W	2	b–	55	55	8	5750	Cu	2	ACu	3	1
Birr Castle	1017·1	•	SW	2	c+	55	75	8	2500	Cu	5	CiCu	8	•
Baldonnell	[illegible]	+2	W'S	3	o	52	65	8	2500	Cu	3	ASt	9	•
Holyhead	1017·7	+2	SW	3	bc	51	75	9	2500	Cu	1	Ci	7	3
Liverpool (Bidston)	1017·2	+4	W	5	b	53	55	8	–	–	0	–	0	6
Chester (Shotwick)	1016·8	+4	SW	3	bc	55	55	8	4000	StCu	4	–	4	•
Spurn Head	1015·6	+5	W	5	b	52	85	6	4000	Cu	2	–	2	4
Nottingham	1017·8	•	W	3	c	53	65	6	800	CuNb	7	–	7	•
Cranwell	1017·6	+6	W'S	6	b	54	65	7	–	–	0	–	0	•
Gorleston	1016·7	+3	NW	4	c–	54	65	6	–	–	0	ACu	7	0
Fulham														•
Valencia (Cahirciveen)	1018·1	–1	S'E	5	c+	52	85	8	1500	StCu	4	ASt	8	4
Roches Point	1019·9	+2	SW	3	o	50	85	8	2500	CuNb	1	CiSt	10	3
Pembroke (St. Ann's H.)	1021·6	+1	WSW	4	bc+	49	85	7	–	–	0	CiSt	6	4
Ross-on-Wye	1019·4	+3	W	4	bc	52	65	9	4000	StCu	4	Ci	6	•
Benson	1019·7	+0	WSW	4	b	54	65	8	–	Cu	2	–	2	•
S. Farnborough	1020·3	+5	W	4	b	56	55	8	4000	Cu	1	–	1	•
London (Kew Obsy.)	1020·0	+5	WSW	4	b	56	55	8	5750	Cu	2	–	2	•
Croydon	1019·9	+4	WNW	5	bc–	55	55	8	4000	Cu	5	–	5	•
Clacton-on-Sea	1018·6	+6	W	4	bc/r	57	75	7	2500	Cu	5	–	5	1
Shoeburyness	1019·4	+4	NW	1	b/r	55	65	8	2500	Cu	2	–	2	•
Grain	1019·7	+4	W	1	bc–	53	65	8	5750	StCu	5	–	5	0
Lympne	1020·1	+4	WSW	3	bc	53	75	8	4000	Cu	5	–	5	•
Scilly (St. Mary's)	1022·3	+1	W'S	2	bc	52	85	8	–	–	0	CiCu	6	4
Falmouth (Pendennis)	1022·8	+2	WSW	5	b	51	85	9	4000	Cu	3	–	3	1
Plymouth (Cattewater)	1022·6	+3	W	4	bc	50	75	8	2500	Cu	5	–	5	3
Portland Bill	1020·8	+2	W	6	bc	50	85	7	–	–	0	CiCu	4	4
Southampton (Calshot)	1021·3	+3	WSW	4	bc–	53	75	8	5750	Cu	4	–	4	3
Dungeness	1019·7	+3	WSW	5	bc–	50	92	8	2500	Cu	5	–	5	6
Jersey	1024·4	0	NW	4	b	53	75	8	–	–	0	CiSt	1	3

London Observations — 24 Hours ended 0900 G.M.T. 6th (Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day)

London Observations	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. %
Kew	cqdpqrbcy	bcybq	bbbc	•	•	31	1	–	7·6	•	•
Croydon (24 hours ended 0700)	orrKq	cbcqy	bbc	•	•	36	2	–	7·3	•	•
Greenwich (Royal Obsy.)	op	bc	b.bc	59	40	30	0·3	–	5·7	52	65
City (Bunhill Row)	•	•	•	•	•	•	•	•	5·3	•	•
Westminster (St. James' Pk.)	bcop	bc	b	60	42	35	0·4		5·7	49	60
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	5·9	•	•
Camden Sq.	o	bc	•	59	42	36	–	–	•	•	61
Kensington Palace	bc	bc	•	59	42	33	0·3	–	•	58 (18h.)	60
Hampstead Observatory	•	•	•	56	41	30	0·3	–	5·8	•	64

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 5th

South Kensington Max.	Time.	Min.	Time.
0·3	1700 to 2100 4th	<0·3	2400 4th to 0500 5th
0·6	1100 5th		

Kew O... Max.	Time.	Min.	Time.
0·4	1600 4th	<0·3	0200 5th
0·4	0700 5th		

Solar Radiation. Vertical component per square centimetre. During yesterday. South Kensington.

Total .... Joules
Average Rate .... Milliwatts.
Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 5th 20 h. 45 m. to 6th 3 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6·30	6·30	100
δ Ursae Minoris	6·30	5·54	91

Radio Disturbances (Atmospherics) at Croydon.*

Time.	Type.	No. per 4 sec.	Stren.	Direc.
3h.	–	–	–	–
10h.	–	–	–	–
15h.	–	–	–	–
21h.	–	–	–	–

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 6th & 7th MAY 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·16	11·50	7·24
	4·14	11·49	7·25
Greenwich	4·26	11·56	7·28
	4·24	11·57	7·29
Wick	4·10	12·9	8·8
	4·7	12·8	8·10
Valencia	5·5	12·38	8·10
	5·3	12·37	8·11

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, or fine rain. f fog.
h hail. KQ line squall. l lightning.
m mist. o overcast sky.
p passing showers. r rain.
rs sleet, i.e., rain and snow together.
s snow. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.
jp precipitation within sight.

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_or_o = continuous light rain.

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

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

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

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

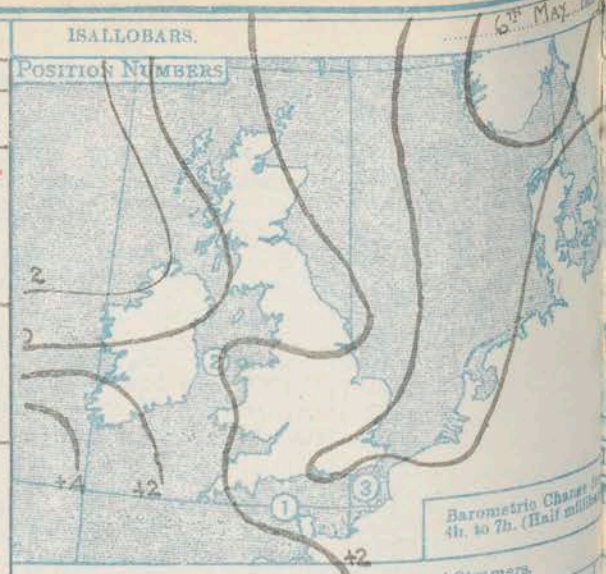
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 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	r-d	c	r-d	b-bc	50	42	•	2	1	<0800	2400	•
Stornoway	p	p	c	b	51	44	•	1	2	–		9.5
Wick	c	copq	c	oo	52	39	•	1	–	<0800	–	•
Castlebay	opbcm	bcmhc	co	orr	50	47	•	1	2	–	–	7.3
Nairn	bcirc		cq	cq	55	40	•	0.4	–	14.30	–	7.3
Aberdeen	bbcq	bcqp	b	bcom	57	45	35	1	–	16.30	–	8.8
Malin Head	bcp	bcp		b-bc	52	40	•	1	0.6	13.30	2200	9.9
Renfrew	cirbqc	cqbcir	oor	bcm	55	37	29	1	0.1	09.00		8.1
Edinburgh (Inchkeith)	c	c	oo	oo	52	47	37	0.1	–	–	–	10.2
Eskdalemuir	ormcp	p	b	b.bc.co	52	34	28	5	Trace	<0800	6.30	7.3
Tynemouth	aomq	cpom	bcm	cm	58	44	36	2 –	–	12.30	–	•
Blacksod Point ...	b-bc	b-bc	oo	r-d	53	49	•	–	8	–	–	•
Donaghadee	bcqp	bcir	cm	cq	57	44	•	1	16	11.00	5.30	•
Birr Castle	cpr	co	co	orr	56	48	41	0.1	0.1	<0800	–	11.8
Baldonnell	c	c		c	57	52	•	Trace	Trace	<0800	2400	11.6
Holyhead	bc	bcbv	cbcc	com	55	46	45	–	–	–	–	
Liverpool (Bidston) ...	bcbq	b	bco		55	43	41	–	–	–	–	10.9
Chester (Shotwick) ...	cbc	bccbc	bcbco	oo	57	42	39	–	–	–	–	•
Spurn Head	b-bc	b-bc	b.bc	b-bc	52	43		–	–	–	–	6.6
Nottingham	Rcp	c	cbc	c	57	41	36	4	–	<0800	–	2.6
Cranwell	orprc	acbc	bcco	c	56	41	38	1	–	<0800	–	7.7
Gorleston	opr.o	acq	b bc	b-bc	56	42	39	2	–	<0800	–	5.0
Pulham												
Valencia (Cahirciveen)	opcb	bcc	co	oom	55	51	49	0.3	–	<0800	–	8.1
Roches Point	bbcc	co	o	om	54	47	•	–	–	–	–	•
Pembroke (St. Ann's H.)		c	c	com	50	47	•	–	–	–	–	2.5
Ross-on-Wye	Kqpcbcr	bcvybcby	cb bc	co	57	43	37	1	–	<0800	–	7.1
Benson...	ilc	bc	b	b	58	37	29	1	–	–	–	•
S. Farnborough ...	acloc	cacyy	bcm	cm	59	37	34	2	–	<0800	–	8.4
London (Kew Obsy.) ...	cqdcrbcy	bcyby	bb bc	acbzw	58	41	31	1	–	0900	–	7.6
Croydon	orRq	cbcqy	b bc	bcbw	58	40	36	2	–	<0800	–	7.3
Clacton-on-Sea ...	oqpbc		bc	bcz	57	42	36	1	–	0900	–	5.6
Shoeburyness	oiRlqc	cqirbcb	b	bcm	58	40	35	1	–	1100	–	6.3
Grain	p	c	bcbb	bbccw	57	39	29	1	Trace	<0800	–	4.8
Lympne	bcocov	cbcvq	b bc	b.bc.c	56	39	31	0.3	–	<0800	–	6.2
Scilly (St. Mary's) ...	bbc	bc	bcc	cbc	56	48	•	–	–			11.6
Falmouth (Pendennis)	cqcbc	b	bbc	bccd	56	46	•	–	–	–	–	12.0
Plymouth (Cattewater)	b-bc	b-bc	bbc	oo	54	43	39	–	–	–	–	10.3
Portland Bill	bc	bc	bc	bcc	53	43	•	–	–	–	–	•
Southampton (Calshot)	c	bccbc	c	c	58	42	36	0.1	–	<0800	–	10.6
Dungeness	pq	q	b-bc	c	59	44	•	0.2	–	0200	–	•
Jersey	ab	b	bw	bw	54	41	•	–	–	–	–	9.0

ISALLOBARS.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	0200. 5th	"Dieppe"	W	4	b	47	49
2	1000 5th	"Cambria"	W's	5	b	52	46
3	0300 6th	"Brighton"	W	2	bjp	49	48

GENERAL INFERENCE.

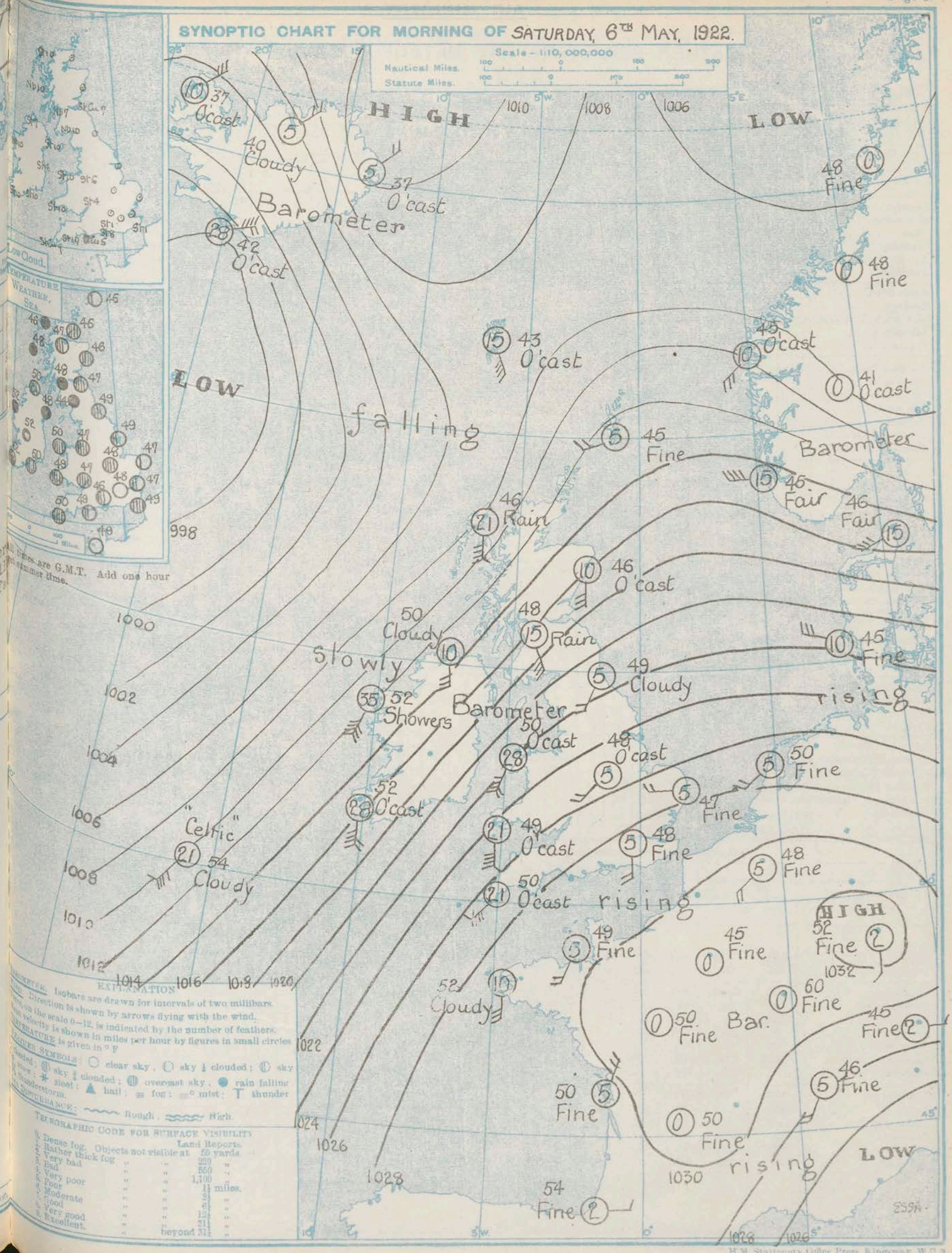
A depression over the Atlantic is moving slowly northeastwards towards the Faroes and an anticyclone has formed over France. Winds over the British Isles generally will be Southwesterly with mainly fair weather except in the north-western districts where some rain or drizzle is probable.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 6th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate Southwesterly winds; fair; visibility good apart from morning mist; warmer.	None issued
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland	Moderate Southwesterly winds; fresh at times; fair or cloudy; visibility good; moderate temperature.	
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland	Moderate Southwesterly winds, fresh at times; variable cloud, some rain or showers; visibility good; moderate temperature.	
15. Hebrides 16. Orkneys and Shetlands	Winds between South and Southwest, moderate or fresh, strong at times; cloudy or dull, some rain or drizzle; visibility moderate or good; moderate temperature.	
~~17. N.W. Ireland~~ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as 12 and 13.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF SATURDAY, 6TH MAY, 1922.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION..SATURDAY....6th MAY.....1922. No.128....

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008·3	+9	WNW	3	c/r	44	85	6	4000	CuNb	8	·	8	·
Stornoway	1014·2	+3	WNW	2	c	·	·	6	·	·	·	·	·	·
Wick	1012·2	+7	SW	2	c	40	97	8	-	-	0	CiCu	7	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	No observations taken													·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	1017·2	+5	WSW	2	o	44	85	8	-	StCu	6	CiSt	9	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1019·4	+3	-	0	o	47	85	6	-	-	0	ASt	10	·
Blacksod Point ...	1010·2	-1	SW	9	oPR+	49	92	7	-	Nb	10	-	10	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Baldonnell														·
Holyhead	1020·7	+2	SSW	5	c⊕	·	·	7	-	-	0	CiSt	8	·
Liverpool (Bidston)...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
														·
Spurn Head	1022·1	+4	WSW	3	bc	46	85	6	-	-	0	ACu	4	·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1023·1	+5	SW'W	4	o	45	85	7	2500	StCu	5	CiSt	10	·
Gorleston	1023·5	+2	W	3	b+	44	85	7	-	-	0	CiCu	3	·
Pulham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Valencia (Cahirciveen)	1016·8	-1	SW	5	o+	50	97	4	-	St	10	·	10	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Anu's H.)	1023·5	+3	S	4	bc	48	92	7	-	-	0	ASt	4	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)...	·	·	·	·	·	44	·	·	·	·	·	·	·	·
Croydon	1025·9	+4	WSW	3	bc+	43	85	8	-	-	0	CiSt	6	·
Clacton-on-Sea ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1025·8	+5	W'S	2	b	41	92	8	-	-	0	-	0	·
Scilly (St. Mary's) ...	1023·8	+2	SW'W	3	c-	51	75	8	4000	Cu	2	-	2	·
Falmouth (Pendennis)	1025·4	+2	SW	5	bc	46	85	8	4000	Cu	5	·	5	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1024·5	+3	WNW	4	bc	47	85	7	·	-	0	CiCu	4	·
Southampton (Calshot)	1026·1	+4	-	0	c	43	85	8	-	·	0	ASt	8	·
Dungeness	1025·5	+4	WSW	3	bc+	46	85	8	-	·	0	CiSt	5	·
Jersey 7h }	1027·2	+4	SW	3	bc⊕	47	85	8	-	-	0	CiSt	6	·
Guernsey 1h }														

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013·0	+3	WSW	2	b-	45	85	7	-	-	0	ACu	3	1
Stornoway	1007·2	-4	S	5	orr	46	97	6	450	St	10	-	10	2
Wick	1012·2	0	SSW	3	o	46	92	8	-	-	0	ASt	10	0
Castlebay	1006·7	-2	SSE	5	orr	48	97	5	800	Nb	10	·	10	6
Nairn	1012·3	·	W	1	c+	47	75	8	1500	St	8	·	8	·
Aberdeen	1016·5	+1	S	3	o+	46	85	6	-	·	0	ASt	10	0
Malin Head	1010·1	-2	S	3	c-	50	97	7	2500	St	7	·	7	0
Renfrew	1016·9	0	SSE	4	or	48	85	6	1500	Nb	7	ASt	10	·
Edinburgh (Inchkeith)	1017·3	+1	WSW	3	o	47	85	7	-	St	2	ASt	10	2
Eskdalemuir	1019·4	0	SSW	6	odd	44	97	4	1150	Nb	10	-	10	·
Tynemouth	1020·3	+1	SSW	2	c?	49	85	5	-	-	0	ASt	8	0
Blacksod Point ...	1010·5	-3	SSW	7	oPR-	52	85	7	-	Nb	10	-	10	6
Donaghadee	1016·9	0	SW	2	opr	48	92	7	2500	St	10	-	10	5
Birr Castle	1016·7	·	S	4	orr	52	97	6	1500	Nb	9	-	9	·
Baldonnell	?	+1	SSW	6	or	51	92	7	1500	St	4	ASt	9	·
Holyhead	1021·8	+2	SSW	6	o	50	92	6	800	St	10	-	10	4
Liverpool (Bidston)...	1022·9	+1	SE'S	1	o+	47	85	6	1500	Cu	6	ASt	10	2
Chester (Shotwick) ...	1022·3	+2	SSW	3	o	49	75	7	2500	St	6	ASt	10	·
														·
Spurn Head	1024·9	+2	SW	4	bc	47	85	8	-	-	0	CiSt	4	3
Nottingham	1025·2	·	SW	2	o+	48	85	6	-	·	0	CiSt	10	·
Cranwell	1025·7	+3	SSW	4	c	48	85	7	-	·	0	CiSt	7	0
Gorleston	1026·4	+3	W'N	2	b-	47	75	6	-	·	0	Ci	1	·
Pulham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Valencia (Cahirciveen)	1016·6	+4	S	6	o	52	92	6	450	St	10	-	10	4
Roches Point	1020·8	+2	SSW	4	o	50	92	6	1500	St	10	-	10	3
Pembroke (St. Anu's H.)	1025·0	+1	S	5	o	49	92	6	2500	St	10	-	10	4
Ross-on-Wye	1026·2	+3	SW'W	2	o⊕	47	85	7	2500	St	4	CiSt	10	·
Benson...	1027·7	+2	SSW	3	b	46	85	8	-	-	0	Ci	2	·
S. Farnborough ...	1028·3	+3	WSW	2	c+	46	85	6	-	St	1	Ci	7	·
London (Kew Obsy.)...	1028·9	+3	S	2	b	48	75	6	-	-	0	Ci	3	·
Croydon	1028·8	+3	S'W	3	bc-	47	85	6	-	-	0	CiSt	6	·
Clacton-on-Sea ...	1028·1	+5	WSW	2	bc	47	85	6	-	-	0	ACu	4	1
Shoeburyness	1029·0	+5	WSW	1	mbc	48	75	6	-	·	0	CiSt	6	·
Grain	1029·1	+6	SW	1	c+	49	75	7	-	·	0	CiSt	8	0
Lympne	1029·1	+4	SW	2	c+	47	92	7	800	St	1	CiSt	8	·
Scilly (St. Mary's) ...	1025·1	+2	SSW	3	bc-	51	92	7	-	-	0	CiCu	4	4
Falmouth (Pendennis)	1026·8	+2	SW	5	o+	50	92	7	2500	StCu	9	-	9	1
Plymouth (Cattewater)	1027·7	+2	SW	3	ojp	50	92	7	1500	St	10	-	10	1
Portland Bill	1028·3	+4	WSW	4	bc+	49	85	7	1500	StCu	5	-	5	3
Southampton (Calshot)	1028·9	+4	SW	3	c	49	85	8	2500	St	8	-	8	0
Dungeness	1029·3	+3	SW	3	o+	49	97	8	800	St	9	-	9	3
Jersey 7h }	1029·3	+1	SSW	2	b	49	97	8	-	-	0	-	0	0
Guernsey 1h }														

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 4h. °F.	Temperature. Max. Day 5h. °F.	Rainfall.† Night 10p.-9h. 4h.-5h. mm.	Rainfall.† Day 9h.-10p. 5h.-7h. mm.	Sunshine. Sunrise to 7h. 5h. hr.	Sunshine. Sunrise to Sunset 4h.
Banff	cqbc	bcq	44	54	0·1	–	6·4	6·9
Montrose	bc	bc	42	60	0·1	0·2	10·5	7·1
Llandudno	cc	cbbc	44	54	–	–	8·3	11·3
Colwyn Bay ...	bc	bc	44	56	–	–	8·3	11·5
Rhyl...	bcb	b	44	57	–	–	10·1	12·2
Southport	b	bbc	45	54	–	–	10·5	11·9
Blackpool	bcp	bc	46	51	–	0·2	10·3	9·4
Harrogate	cbcc	cbc	42	54	–	–	5·1	8·1
Skegness	rac	cb	40	56	3	1	6·5	11·7
Aberystwyth ...	rcb	bbb	39	51	13	–	9·0	7·0
Bath	bcb	b	45	55	1	–	9·4	10·0
Leamington Spa ..	cbc	b	49	56	4	–	6·0	7·6
Lowestoft	op	ocbc	41	57	1	1	3·1	10·3
Felixstowe	omr	cm	43	56	1	3	3·1	11·7
Southend	cp	bc	43	59	0·1	0·3	5·0	9·6

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 4h. °F.	Temperature. Max. Day 5h. °F.	Rainfall.† Night 10p.-9h. 4h.-5h. mm.	Rainfall.† Day 9h.-10p. 5h.-7h. mm.	Sunshine. Sunrise to 7h. 5h. hr.	Sunshine. Sunrise to Sunset 4h.
Paignton	bcb	b	44	51	3	–	9·2	10·8
Ilfracombe	b	b	45	54	4	–	9·5	10·7
Bude	bc	bc	45	56	2	–	11·0	11·7
Penzance	b	b	45	57	4	–	11·3	11·8
Falmouth Observatory	b	b	47	60	2	–	10·6	11·4
Torquay	bc	b	47	60	1	–	5·5	12·4
Weymouth	b	b	46	59	1	–	9·0	11·6
Bournemouth ...	b	b	47	59	1	–	9·6	12·3
Portsmouth (Southsea)	bc	bc	46	59	1	–	8·7	11·3
Worthing	rbc	bc	47	52	1	–	7·1	10·8
Brighton	b	b	47	55	–	–	7·4	11·7
Eastbourne	opcbc	bcb	43	55	1	0·2	6·0	11·1
Hastings	bc	bc	42	60	–	–	4·9	11·6
Folkestone	bcoc	cbcb	41	58	2	–	5·6	9·7
Tunbridge Wells ...	bc	bc	40	54	–	1	4·0	9·9
Ramsgate	ocp	cbcb	43	56	trace	–	4·5	10·0
Margate	opq	qrbc	43	57	0·3	1	5·0	12·3
Deal								

* 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.22081 Sunday 7th May 1922. Page 1.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1013.6	-2	S	3	or₀r₀	44	92	6	2500	Nb	10	-	10	*
Stornoway	1009.1	+3	SSW	4	o/r	52	92	6	450	St	10	-	10	*
Wick	1010.5	-1	SSW	3	bc/r	53	85	8	4000	CuNb	1	aCu	6	*
Castlebay	1012.0	+2	SW	5	mmo	51	92	5	450	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1015.2	0	SW'S	3	o+	54	75	6	1500	St	8	aSt	10	*
Malin Head	1013.6	+1	WSW	3	o	47	85	7	2500	CuNb	10	-	10	*
Renfrew	1017.2	+2	SSW	4	o/r	53	92	6	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1016.0	-2	SW	5	or₀	53	85	8	*	-	0	CiSt	10	*
Eskdalemuir	1020.0	+2	SSW	6	orr	47	97	6	225	Nb	10	-	10	*
Tynemouth	1020.8	+1	W	3	o	57	65	7	-	-	0	aSt	10	*
Blacksod Point	1015.3	+4	SW	7	o	57	85	7	-	St	10	-	10	*
Donaghadee	1018.4	+1	SW	2	o	53	92	7	2500	St	10	-	10	*
Birr Castle	1019.6	*	S	4	or₀r₀	56	92	6	1500	Nb	9	-	9	*
Collinstown	?	+1	SSW	5	o	55	97	8	1500	St	10	-	10	*
Holyhead	1023.7	+2	SSW	5	o	51	85	7	1500	St	5	aSt	10	*
Liverpool (Bidston)	1024.5	+1	SW	4	o	55	65	7	1500	Nb	6	aSt	10	*
Chester (Shotwick)	1024.1	+3	SW	3	o	58	55	8	-	-	0	aSt	10	*
Spurn Head	1025.3	+1	SW	4	o	60	85	6	-	-	0	aSt	10	*
Nottingham	1026.1	*	SW	5	c-	59	65	7	2500	Cu	4	Ci	7	*
Cranwell	1026.4	+1	SW'S	5	o+	60	65	7	2500	Cu	3	CiSt	10	*
Gorleston	1027.8	+1	W	4	b	61	55	6	-	-	0	-	0	*
Valencia (Cahirciveen)	1020.1	+3	S	5	or₀r₀	54	92	5	225	St	10	-	10	*
Roches Point	1023.5	+4	SSW	4	o	51	92	6	800	St	10	-	10	*
Pembroke (St. Ann's H.)	1027.5	+1	SW	4	bc-	51	85	6	5750	StCu	6	-	6	*
Ross-on-Wye	1027.0	+1	SW	4	bc-	59	55	8	-	-	0	CiCu	5	*
Benson	1029.0	+1	SSW	3	bc+	59	65	8	-	-	0	CiSt	4	*
S. Farnborough	1029.5	+1	SSW	4	o+	62	55	8	4000	Cu	1	CiSt	9	*
London (Kew Obsy.)	1029.7	0	SW	3	c	60	55	8	-	-	0	CiSt	8	*
Croydon	1029.4	0	S	4	o+	61	55	8	-	-	0	CiSt	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1029.9	+1	SW	1	b/f	62	55	8	-	-	0	CiSt	3	*
Grain	1030.2	0	SW	4	c	61	55	8	-	-	0	CiSt	8	*
Lympne	1030.8	+1	SSW	5	c+	55	75	8	2500	Cu	1	CiSt	8	*
Scilly (St. Mary's)	1027.5	+2	SW	4	b	55	85	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1029.1	+2	SW	5	b-	54	85	7	4000	Cu	3	-	3	*
Plymouth (Cattewater)	1030.1	+2	S	2	o	52	92	7	1500	St	10	-	10	*
Portland Bill	1030.3	+2	WSW	4	bc	52	85	7	-	-	0	CiCu	4	*
Southampton (Calshot)	1030.6	0	SSW	4	o	57	75	8	4000	Cu	1	CiSt	9	*
Dungeness	1031.5	+2	SW	3	bc	54	85	8	-	-	*	CiSt	5	*
Jersey 7h / Guernsey 1h	1031.5	+1	S	2	b	55	65	8	-	-	0	-	0	*

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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1011.3	0	WSW	4	o/r	47	92	6	-	-	0	aSt	~~10~~	3
Stornoway	1012.7	+4	WSW	4	bc-	52	65	6	4000	Nb	6	-	6	3
Wick	1013.6	+5	WSW	2	o	56	85	8	4000	CuNb	9	-	9	0
Castlebay	1016.1	+5	SW	5	mmo	50	97	5	450	Nb	10	-	10	6
Nairn	1014.7	*	W	5	bc-	55	75	8	5750	StCu	5	-	5	*
Aberdeen	1016.5	+3	SW'W	4	bc-	60	55	7	5750	StCu	4	CiSt	6	0
Malin Head	1018.3	+2	W	3	o	54	97	7	2500	St	10	-	10	0
Renfrew	1020.0	+4	SW	4	o/r	53	92	6	800	St	10	-	10	*
Edinburgh (Inchkeith)	1019.0	+4	WSW	4	o	54	85	8	-	CuNb	2	CiSt	10	4
Eskdalemuir	1021.9	+2	SW'S	6	odd	46	97	3	<150	St	10	-	10	*
Tynemouth	1022.0	+1	W	4	c	55	85	6	4000	StCu	8	-	8	3
Blacksod Point	1018.9	+2	S	4	mo+	53	85	6	-	-	0	aSt	10	5
Donaghadee	1020.6	+3	WSW	1	o-	54	92	7	4000	StCu	9	-	9	0
Birr Castle	1021.4	*	S	4	c-	57	85	6	800	StCu	8	-	8	*
Collinstown	?	+3	S	4	o	56	97	7	1500	St	10	-	10	*
Holyhead	1025.3	+2	SSW	6	o	50	92	6	800	St	10	-	10	4
Liverpool (Bidston)	1025.7	0	SW	4	o	55	75	8	1500	St	6	CiSt	9	5
Chester (Shotwick)	1025.4	+2	SSW	4	o	57	65	8	2500	StCu	2	aCu	10	*
Spurn Head	1026.5	+1	SW	4	c	59	92	7	-	-	0	aSt	8	3
Nottingham	1026.6	*	WSW	4	o	61	45	7	2500	StCu	1	CiSt	9	*
Cranwell	1026.8	+1	SSW	4	o	60	65	7	-	-	0	CiSt	9	*
Gorleston	1028.2	0	SW'S	4	bc+	53	85	6	-	-	0	CiCu	6	0
Valencia (Cahirciveen)	1022.1	+2	S'E	5	mmo	53	92	5	<150	St	10	-	10	3
Roches Point	1025.3	+2	SW	4	odr	50	97	6	450	St	10	-	10	6
Pembroke (St. Ann's H.)	1029.0	+2	S	4	o	49	92	7	2500	St	10	-	10	5
Ross-on-Wye	1028.2	+3	WSW	3	o+	60	55	8	-	-	0	aSt	9	*
Benson	1029.7	+1	SW	3	bc+	59	65	9	-	-	0	CiSt	5	*
S. Farnborough	1030.2	+1	SW	4	c-	60	55	8	-	-	0	Ci	7	*
London (Kew Obsy.)	1030.3	+1	SW	3	bc	63	55	8	-	-	0	Ci	6	*
Croydon	1029.8	+1	S'W	4	c	59	65	8	-	-	0	CiSt	8	*
Clacton-on-Sea	1030.2	0	S	3	c+	55	75	7	-	-	0	CiSt	7	0
Shoeburyness	1030.2	+1	SW	3	c	57	55	7	-	-	0	CiSt	7	*
Grain	1030.4	+1	SSW	3	b-	58	55	8	-	-	0	CiSt	9	0
Lympne	1031.4	+1	SW'S	4	c	51	75	8	-	-	0	CiSt	8	*
Scilly (St. Mary's)	1028.7	0	SW	3	b	53	92	7	-	-	0	CiCu	2	4
Falmouth (Pendennis)	1030.4	0	SW	5	b	52	92	7	4000	Cu	1	Ci	3	0
Plymouth (Cattewater)	1030.8	+1	S'W	1	c	52	92	8	-	-	0	Ci	7	0
Portland Bill	1031.3	+1	WSW	3	b-	52	85	7	-	-	0	CiCu	2	3
Southampton (Calshot)	1031.6	+1	WSW	4	bc-	.3	75	8	-	-	0	Ci	5	0
Dungeness	1031.5	0	SW	3	bc	52	85	8	-	-	0	CiSt	5	3
Jersey 7h / Guernsey 1h	1031.3	0	SSW	2	b	59	75	8	-	-	0	-	0	0

London Observations

24 Hours ended 0900 G.M.T. 7th

London Observations	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	bc.bcy	cy.bcy	b.bcw	*	*	24	-	-	12.5	*	*
Croydon {24 hours ended 0700}	bc.cy⊕	o.cy⊕	bo.cwz	*	*	36	-	-	12.1	*	*
Greenwich (Royal Obsy.)	cz	cz	o.bc.czx	66	40	28	-	-	12.6	55	51
City (Bunhill Row)	*	*	*	*	*	-	*	*		*	*
Westminster (St. James' Pk.)	*	*	*								
Regent's Pk. (Botanic Gdns).	*	*	*	*	*	*	*	*	8.0	*	*
Camden Square	b	b	*	66	49	34	-	-	*	*	53
Kensington Palace	bc.c	c	*	66	40	34	-	-	*	116(18h)	52
Hampstead Observatory	*	*	*			*				*	

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

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

Solar Radiation.
Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 6th ......h......m. to 7th ......h......m.

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

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.

7th + 8th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.14 4.12	11.49 11.49	7.26 7.26
Greenwich	4.24 4.22	11.56 11.56	7.29 7.30
Wick	4.7 4.4	12.8 12.8	8.10 8.12
Valencia	5.3 5.1	12.37 12.37	8.11 8.12

Beaufort Notation of Weather.

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

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

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

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

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

Sea Disturbance.

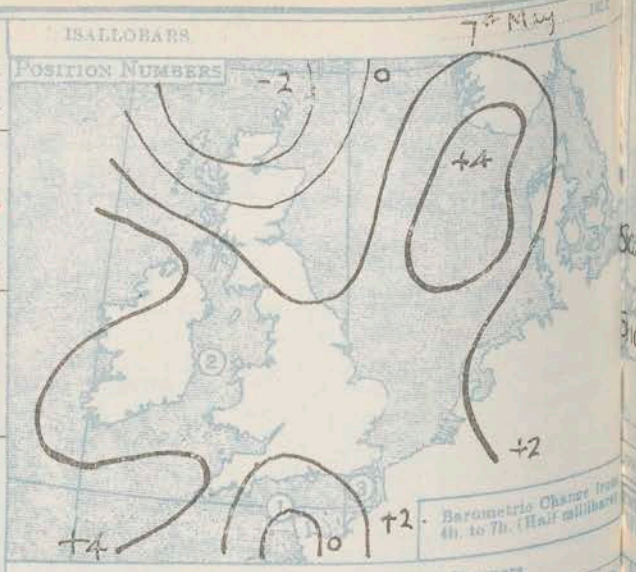
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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 2

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 Hours.
Lerwick	oo	r or d	p	oo	49	45	*	1	6	<0800	<21·00	*
Stornoway	r or d	p	c	r or d	53	46	*	5	8	<0800		4·4
Wick	or r.c	c	b.bc	r r d	58	43	*	1	0·5	<0800	02·30	*
Castlebay	r r or f	f f	obcc	obdcc	51	48	*	0·5	4	–		0·5
Nairn	cd	bc	dc	cgd	61	42	*	–	0·2	–	05·30	5·6
Aberdeen	om	om bc	bc.cm	c.om	60	48	45	–	-	–	-	2·0
Malin Head	F	c		p	58	49	*	–	1	–	22·00	2·5
Renfrew	om r₀	or₀	om r₀	or r g	55	51	49	4	3	<0800	03·30	0·0
Edinburgh (Inchkeith)	oo	oo	oo	r.d	55	49	44	trace	0·3	–	05·30	1·3
Eskdalemuir	orm	or.odf	odf.of	oc.oim	46	45	45	12	5	<0800	<21·00	0·0
Tynemouth	omq	oomq	omp₀	oo	54	50	45	–	0·3	–	<21·00	*
Blacksod Point	oo	f or m	oo	oo	58	50	*	–	4	–	01·30	*
Donaghadee	oir₀	oir₀	bcm	o	54	50		2	0·3	<0800	<21·00	*
Birr Castle	or₀r₀	or₀r₀	c.o	c.o	58	52	48	0·2	-	<0800	-	0·0
Collinstown	r or d	o p r		c	58	51	*	trace	-	1100	-	0·6
Holyhead	o·oq	o.oqm	ooq m	ido	52	44	48	–	trace	–	~~[illegible]~~ 0130	0·0
Liverpool (Bidston)	oo	c.oz	pc	c	58	44	45	-	-	–	-	0·6
Chester (Shotwick)	oo	oo	o.bc	bc.c	60	48	45	–	-	–	-	*
Spurn Head	b or bc	c	b.bc	b.bc	62	45	*	–	-	–	-	5·4
Nottingham	c.	c	bc	b.bc	63	42	34	–	-	–	-	1·9
Cranwell	c.o.	c	o.c.bc	b.bc	62	45	43	–	-	–	-	4·1
Gorleston	bz	b.bc.c	c.bc.b	b.bc	63	44	39	–	-	–	-	10·5
Valencia (Cahirciveen)	omr	oiδmo	cd	o.od	55	50	50	2	1	<0800	<21·00	0·0
Roches Point	od₀om	oiδm	od	d.om	51	49		2	2	0900	<21·00	*
Pembroke (St. Ann's H.)	cz	c	b.bc	b.bc	52	44		–	-	–	-	6·4
Ross-on-Wye	c.o.bc.c	by bc cy	c.o.c.bc.b	bc.c	64	45	34	–	-	–	-	4·0
Benson	b	bc	b	b.bc	64	38	29	–	-	–	-	*
S. Farnborough	c	oy.cy	by.b	b.bc	64	35	24	–	-	–	-	11·5
London (Kew Obsy.)	bc.bcy	cy.bcy	b	bc.bnw	64	41	24	–	-	–	-	12·5
Croydon	bccy ①	acy ⊙ ⊙	c.bc ①	bc.cw3	62	43	36	–	-	–	-	12·1
Clacton-on-Sea	bcz	c	c	c.bcz	59	44	38	–	-	–	-	10·4
Shoeburyness	bcm b	bc.c	bc	c	63	42	36	–	-	–	-	11·2
Grain	c	c	o.c.bcw	bcxw.c	62	36	28	–	-	–	-	10·6
Lympne	b or bc	c.o	bc.b	b.bc.cw	55	41	32	–	trace	–	-	12·2 ~~12·5~~
Scilly (St. Mary's)	bc	bcb	b	bbc	55	47		–	-			12·4
Falmouth (Pendennis)	bz	bz	bz	bzw	55	44		–	-	–	-	11·4
Plymouth (Cattewater)	c	c			55	41	33	–	-	–		7·9
Portland Bill	c	c.bc	bc	b.bc	54	44		–	-	–	-	*
Southampton (Calshot)	c	c	bc.c.b	b.bc	54	43	38	–	-	–	-	11·6
Dungeness	c	b or bc	b.bc	b.bc	56	46		–	-	–	-	*
Jersey 7h / Guernsey 1h	b	b	b / b.bc	b	61	51		–	-	–	-	12·9



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Observer.
2	6th 1000	CAMBRIA	S	6	om	50	44	
1	" 1200	REINDEER	SW	2	b+	54	51	
3	7th 0200	DIEPPE	-	0	bY	49	49	

GENERAL INFERENCE.

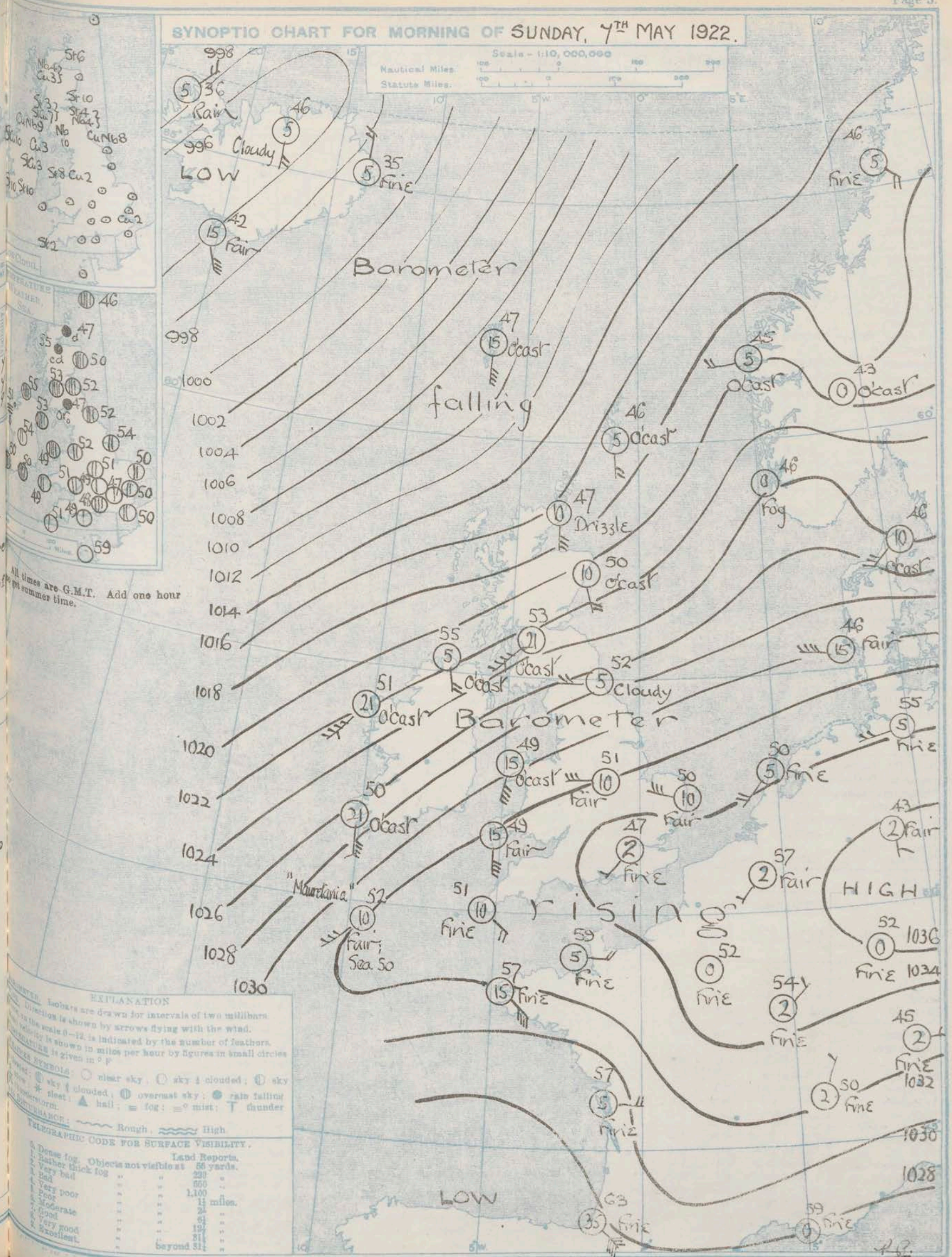
The anticyclone covering southern England and France will maintain fine warm weather over most of England probably for three or four days. In Ireland and Scotland there is a likelihood of further rain or showers due to secondary depressions moving northeastward.

Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 7th May, 1922.

Districts.	Forecasts	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light variable winds; fine; visibility good apart from morning mist; warm during day, rather cold at night with risk of ground frost.	Fine, with high day temperature for a day or two over England; some rain in Ireland and Scotland.
8. N.W. England 9. N. Midlands 10. N.E. England	Wind SW to W moderate; fair to cloudy; visibility mainly good; warmer.	
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 SW moderate or fresh; cloudy, slight rain in places; visibility moderate some coast mist; moderate temperature.	

† For Code see opposite page

SYNOPTIC CHART FOR MORNING OF SUNDAY, 7TH MAY 1922.



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

EXPLANATION

PRESSURE. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Velocity, on the scale 0—12, is indicated by the number of feathers.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunderstorm.
SEA SURFACE: Rough; High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

		Land Reports.
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	" "	1½ miles.
5. Poor	" "	2½ "
6. Moderate	" "	8½ "
7. Good	" "	12½ "
8. Very good	" "	31½ "
9. Excellent.	" "	beyond 31½ "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION.... Sunday, 7th May ..... 1922. No. 127

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1015·9	+4	W	5	ofr	46	92	6	4000	Nb	10	-	10	•
Stornoway	1018·0	+3	SW	4	0	•	•	5-	•	•	•	•	•	•
Wick	10182	+3	SW	2	cld	44	94	9	-	-	0	Ci St	8	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	No observations taken													•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1022·3	+1	WSW	1	0	51	92	8	+	St	8	A St	10	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	10259	+5	W	1	0	51	92	6	-	-	0	A St	10	•
Blacksod Point ...	1014·9	+1	SSW	8	mod	52	92	3	+	Nb	10	-	10	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Collinstown														•
Holyhead	1027·8	+1	SW	5	0	•	•	6	800	St	10	-	10	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1028·7	0	W SW	4	b	45	85	6	-	-	0	-	0	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	10295	+1	SW	5	b	50	85	8	-	-	0	-	0	•
Gorleston	1030·7	+1	WNW	2	b-	50	95	7	-	-	0	-	0	•
Valencia (Cahirciveen)	1023·1	+1	SW	3	cld	52	97	5	+	-	0	A St	8	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1030·6	+1	S	4	b	48	92	7	-	-	0	-	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	46	•	•	•	•	•	•	•	•
Croydon	1033·1	+1	S	4	bc-	45	92	8	-	-	0	Ci St	5	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1033·8	+1	-	0	b-	42	97	8	-	-	0	Ci St	1	•
Scilly (St. Mary's) ...	1030·7	+1	S	3	b	49	92	8	-	-	0	-	0	•
Falmouth (Pendennis)	10349	0	SW	2	b+	48	92	7	-	-	0	-	0	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1033·0	+1	WSW	2	b	47	85	7	-	-	0	Ci Cu	2	•
Southampton (Calshot)	1033·0	+1	ESE	2	b	47	97	8	-	-	0	-	0	•
Dungeness	1033·8	+1	SW	2	b-	48	97	8	-	-	0	Ci	2	•
Jersey (7h)														•
Guernsey (1h)	1031·9	+3	NNE	3	b	46	85	7	4000	St	2	-	2	•

Observations at 0700 G.M.T. ..... 7th .....

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1017·6	-1	S	2	0	46	92	6	-	-	0	A St	10	1
Stornoway	1012·5	-3	S	4	orr	51	97	5	1450	St-	10	-	10	5
Wick	1016·3	-3	S	3	od	44	94	8	1500	St	6	A St	10	6
Castlebay	1016·8	0	SW	5	odd	51	97	5	800	Nb	10	-	10	•
Nairn	1016·6	•	W	1	cld	55	85	8	2500	Nb	7		7	6
Aberdeen	1021·0	-1	SE	2	0+	50	92	6	-		0	A St	10	0
Malin Head	1020·3	+5	S	2	0-	55	97	8	4000	Cu Nb	9	-	9	•
Renfrew	1023·0	+2	SW	5	ofr	53	97	7	800	St Cu	10	-	10	4
Edinburgh (Inchkeith)	1021·9	0	WSW	5	ofr	52	92	8	+	Cu Nb	8		8	•
Eskdalemuir	1026·0	+3	SSW	4	odd	47	97	4	<150	Nb	10	-	10	1
Tynemouth	1026·3	+1	W	2	c	52	92	7	4000	Cu Nb	8		8	
Blacksod Point ...	1021·6	+4	SW	5	mod	51	97	6	+	St Cu	10	-	10	?
Donaghadee	1025·2	+3	W	2	0-	53	92	7	5750	Cu	3	A St	9	1
Birr Castle	1024·9	•	SE	2	bc-	54	92	7	4000	St Cu	4	Ci Cu	6	•
Collinstown	?	+1	SSW	2	c	56	85	8	2500	St Cu	3	A St	8	•
Holyhead	1029·9	+3	SSW	4	0	49	92	8	800	St	8	A St	10	4
Liverpool (Bidston) ...	1029·8	+2	ESE	2	bc-	52	65	6	-	Cu	2	Ci St	5	2
Chester (Shotwick) ...	1029·0	+2	SE	2	c-	52	65	8	-	-	0	A Cu	8	•
Spurn Head	1031·0	+3	SW	4	bc	54	92	6	-	-	0	Ci St	5	3
Nottingham	1032·0	•	W	3	bc+	51	85	6	-	-	0	Ci	8	•
Cranwell	1031·4	+3	WSW	4	c	50	85	7	-	-	0	Ci	4	1
Gorleston	1032·3	+2	WNW	3	bc+	50	65	6	-	-	0	Ci		4
Valencia (Cahirciveen)	1026·3	+2	S	5	ofr	50	97	6	800	St	10	-	10	3
Roches Point	1029·1	?	SSW	3	0	50	97	6	800	St	10		4	4
Pembroke (St. Ann's H.)	1032·0	+3	S	4	bp	49	85	7	-	-	0	Ci	6	•
Ross-on-Wye	1032·1	+2	SW	2	bc	51	65	8	-	-	0	Ci	2	•
Benson	1033·6	+2	SSW	2	b	49	85	8	-	-	0	Ci	6	•
S. Farnborough ...	1034·0	+2	SSW	2	bc+	48	85	7	-	-	0	Ci	2	•
London (Kew Obsy.) ...	1034·4	+2	SW	1	b	49	85	6	-	-	0	Ci	8	
Croydon	1034·0	+1	S	3	c+	50	95	6	-	-	0			
Clacton-on-Sea ...	1033·7	+2	W	2	bc	50	95	7	-	-	0	Ci	5	0
Shoeburyness	1034·4	+2	SW	1	bc	51	65	7	X250	Cu	2	Ci	4	•
Grain	1034·5	+2	SW	1	c	49	85	8	-	-	0	Ci St	8	0
Lympne	1034·8	+2	SW	2	bc	48	97	7	-	-	0	Ci	6	•
Scilly (St. Mary's) ...	1031·3	+1	SE	3	b+	51	85	8	-	-	0	Cu	3	4
Falmouth (Pendennis)	10336	+4	ESE	2	b	51	65	8	-	St	2		2	0
Plymouth (Cattewater)														
Portland Bill	1033·7	+1	WSW	3	b	49	85	7	-	-	0	Ci Cu	2	3
Southampton (Calshot)	1034·3	+1	E	1	b	48	97	7	-	-	0	Ci	1	0
Dungeness	1035·3	+2	SW	2	bc+	50	97	7	-	-	0	Ci Cu	4	2
Jersey (7h)													0	0
Guernsey (1h)	1033·1	0	E	2	b	59	65	8	-	-	0			

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. °F.	Temperature. Max. Day. °F.	Rainfall.† Night 17h.-9h. 5th-6th mm.	Rainfall.† Day 9h.-17h. 6th mm.	Sunshine. Sunrise to 17h. 6th hr.	Sunshine. Sunrise to Sunset. 5th hr.
Banff	0·c	c	41	62	0·4	-	3·1	7·1
Montrose	c	c	43	60	-	-	0·7	11·5
Llandudno	c	0	43	59	-	-	2·0	8·6
Colwyn Bay ...	bc	bc.c	47	57	-	-	4·1	10·1
Rhyl	c	bc	46	56	-	-	0·6	11·1
Southport	0·c.0	0	42	57	-	-	0·1	12·0
Blackpool	0p·	0	42	55	-	0·1	0·0	11·5
Harrogate	0·c.	0·c.0	42	61	-	-	3·0	6·5
Skegness	b	b.bc.c	40	62	-	-	7·5	8·1
Aberystwyth ...	0·c	bc.0	45	55	-	-	2·0	9·0
Bath	0·bc.b	b.bc	38	62	-	-	6·5	10·0
Leamington Spa ...	c.b.bc	b.0	40	64	-	-	9·5	6·0
Lowestoft	b.bc	bc.0	41	63	-	-	10·5	3·8
Felixstowe	bc	bc	40	58	-	-	10·0	4·9
Southend	b	bc	41	64	-	-	10·3	6·5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. °F	Temperature. Max. Day. °F	Rainfall.† Night 17h.-9h. 5th-6th mm.	Rainfall.† Day 9h.-17h. 6th mm.	Sunshine. Sunrise to 17h. 6th hr.	Sunshine. Sunrise to Sunset. 5th hr.
Paignton	0.bc	bc	40	60	-	-	8·1	10·8
Ilfracombe	0.c.bc	b	46	60	-	-	8·3	9·2
Bude	b	b	43	61	-	-	8·8	11·1
Penzance	c.bc	bc.b	46	56	-	-	8·8	11·6
Falmouth Observatory	b	b	44	57	-	-	10·5	12·1
Torquay	b	b	45	60	-	-	8·1	11·2
Weymouth	0	bc	42	59	-	-	7·0	10·3
Bournemouth ...	b	b	40	58	-	-	9·5	9·6
Portsmouth (S'thsea)	b	b	42	60	-	-	10·9	10·8
Worthing	b	b	38	56	-	-	10·3	10·6
Brighton	b	b	40	55	-	-	10·3	8·8
Eastbourne	bc	bc	44	56	-	-	10·8	9·0
Hastings	b.bc.b	b	43	54	-	-	10·2	7·0
Folkestone	bc	b	40	58	-	-	9·6	7·0
Tunbridge Wells ...	b.	b.bc.b	37	59	-	-	10·1	7·2
Ramsgate	b	b	38	56	-	-	10·8	5·0
Margate	b	b.bc.b	42	61	-	-	10·1	4·7
Deal	b.bc	b	40	57	-	-	11·3	5·7

* 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. 22,082 MONDAY, 8th MAY 1922.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1013.7	-4	WSW	5	or°o	51	97	6	4000	Nb	10	-	10	·
Stornoway	1014.6	+2	SSW	6	orr	51	97	5	450	St	10	-	10	·
Wick	1015.1	0	WSW	5	o/f	59	85	8	5750	StCu	10	·	10	·
Castlebay	1019.4	+2	SW	5	mo	51	97	6	800	St	10	-	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1021.4	+2	SSW	3	c-	63	65	7	2500	Cu	1	CiCu	8	·
Malin Head	1022.1	+2	SSW	3	c-	60	92	8	4000	Cu	5	ACu	7	·
Renfrew	1024.8	+1	SW	5	o-	60	85	6	2500	StCu	5	ASt	9	·
Edinburgh (Inchkeith)	1024.5	+3	SW	4	o	55	85	8	-	St	9	CiSt	10	·
Eskdalemuir	1026.7	+3	SSW	5	o/f	48	92	7	450	St	10	·	10	·
Tynemouth	1027.5	0	WSW	3	bc-	68	55	6	-	-	0	ASt	4	·
Blacksod Point	1024.8	+4	SW	6	mo+	52	92	7	-	Nb	10	·	10	·
Donaghadee	1025.9	+1	SW	3	bc	60	75	8	-	·	0	Ci	4	·
Birr Castle	1027.2	·	SW	2	bc-	65	75	9	4000	StCu	3	Ci	5	·
Collinstown	1029.4	+2	SW	4	c	63	75	8	4000	Cu	2	CiSt	8	·
Holyhead	1031.0	+2	SSW	5	o+	56	75	9	-	·	0	ASt	9	·
Liverpool (Bidston)	1030.5	0	SW'W	4	b-	66	45	8	-	·	0	Ci	3	·
Chester (Shotwick)	1030.3	+1	SW	4	bc	70	45	9	-	·	0	ACu	4	·
Spurn Head	1031.4	0	SSW	3	bc	69	45	7	-	-	0	CiSt	6	·
Nottingham	1031.9	·	SW	4	b	68	45	7	-	·	0	Ci	2	·
Cranwell	1031.8	0	WSW	5	bc	69	45	8	-	·	0	Ci	6	·
Gorleston	1031.9	0	NW	2	bc	70	35	6	-	·	0	Ci	4	·
Valencia (Cahirciveen)	1028.6	+1	S'E	4	o-	53	85	8	800	St	9	-	9	·
Roches Point	1030.3	+1	SSE	2	c-	54	85	8	-	·	0	CiSt	7	·
Pembroke (St. Ann's H.)	1032.3	0	SSE	3	bc	56	75	8	-	·	0	CiSt	6	·
Ross-on-Wye	1031.8	0	WSW	2	bc	68	55	8	-	-	0	Ci	4	·
[illegible]son	1033.4	0	S	3	b	68	55	8	-	-	0	Ci	2	·
S. Farnborough	1033.7	-1	S	3	bc	71	55	8	-	-	0	Ci	6	·
London (Kew Obsy.)	1034.1	-1	S'W	3	b	68	45	8	-	·	0	Ci	3	·
Croydon	1033.8	-1	S'W	3	c	69	45	8	-	-	0	Ci	7	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1034.7	+1	SW	1	bc	68	45	6	·	·	0	Ci	6	·
[illegible]	1034.4	-1	SW	1	c	70	35	8	-	·	0	Ci	7	·
Lympne	1034.9	0	S	3	c	60	65	8	-	·	0	CiSt	7	·
Scilly (St. Mary's)	1030.5	0	SSE	3	bc	56	85	7	-	-	0	CiCu	5	·
Falmouth (Pendennis)	1032.7	0	SE	3	b	58	85	8	-	-	0	Ci	2	·
Plymouth (Cattewater)	1032.5	0	S	3	b	64	55	8	4000	Cu	3	-	3	·
Portland Bill	1033.7	0	SE	4	b	51	85	7	-	-	0	CiCu	2	·
Southampton (Calshot)	1034.1	-2	ESE	4	bc	58	75	8	-	·	0	Ci	5	·
Dungeness	1035.2	0	SW	1	bc	58	75	8	-	·	0	Ci	4	·
Jersey 7h / Guernsey 1h	1032.7	0	E	2	b	66	55	8	·	-	0	Ci	3	·

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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1013.0	-1	WSW	5	or°r°o	48	97	6	4000	Nb	10	-	10	4
Stornoway	1016.6	+3	SW	5	o/r	51	85	5	450	St	10	-	10	4
Wick	1016.9	+3	SW	6	ojp	56	92	8	2500	CuNb	6	CiCu	10	4
Castlebay	1020.7	+1	W	5	orr	50	97	4	800	Nb	10	-	10	7
Nairn	1017.5	·	WSW	8	c+	57	85	7	5750	StCu	8	-	8	·
Aberdeen	1021.2	+1	SW'S	3	c	63	65	8	2500	Cu	8	·	8	0
Malin Head	1023.7	+1	W	3	bc-	54	97	8	-	·	0	CiCu	5	0
Renfrew	1024.5	0	SW	4	bc-	59	75	7	4000	StCu	6	-	6	·
Edinburgh (Inchkeith)	1023.3	-2	SW	5	c-	58	75	8	·	St	8	-	8	4
Eskdalemuir	1027.5	-1	SW	4	bc	53	75	7	2500	StCu	5	-	5	·
Tynemouth	1027.5	+1	SW	2	bc	62	65	8	-	-	0	ACu	4	0
Blacksod Point	1025.9	+2	SW	6	mo-	52	92	7	-	-	0	ASt	10	4
Donaghadee	1025.8	0	WSW	3	bc+	59	75	8	5750	CuNb	2	CiCu	5	4
Birr Castle	1027.6	·	SW	3	bc	65	55	9	4000	Cu	1	Ci	4	·
Collinstown	1028.8	0	SSW	5	c	63	55	7	-	-	0	CiCu	7	·
Holyhead	1030.1	-1	SW'S	4	o	54	75	8	-	·	0	CiSt	9	3
Liverpool (Bidston)	1030.3	0	SW	2	c+	62	55	8	2500	St	5	ASt	8	3
Chester (Shotwick)	1030.1	0	WSW	3	o	64	55	8	-	-	0	ACu	10	·
Spurn Head	1030.1	-1	SW	3	o	65	92	6	1500	St	3	CiSt	9	2
Nottingham	1031.0	·	SW	3	c+	67	45	7	-	-	0	Ci	7	·
Cranwell	1031.2	0	SW'S	4	o	67	55	8	·	·	0	Ci	9	·
Gorleston	1031.9	0	SW	3	c+	63	55	6	-	-	0	CiSt	7	0
Valencia (Cahirciveen)	1027.7	-1	S'E	4	b	57	75	9	-	-	0	CiCu	4	3
Roches Point	1029.6	-1	SSE	1	bc-	53	92	8	-	-	0	CiSt	4	1
Pembroke (St. Ann's H.)	1031.8	-1	SSE	2	bc	56	75	8	-	-	0	CiSt	6	3
Ross-on-Wye	1031.3	0	SW	2	b-	69	45	8	-	·	0	Ci	2	·
[illegible]son	1032.3	0	SSW	2	b	66	55	8	-	-	0	Ci	3	·
S. Farnborough	1032.8	-1	S	2	c+	67	45	8	-	-	0	Ci	8	·
London (Kew Obsy.)	1033.2	0	S'W	2	bc	69	45	8	-	·	0	Ci	4	·
Croydon	1033.0	0	SW'S	3	c	66	45	8	-	-	0	Ci	7	·
Clacton-on-Sea	1033.4	-2	S	3	bc	57	75	7	-	-	0	Ci	4	0
Shoeburyness	1033.5	-2	-	0	bc	63	65	7	·	-	0	Ci	6	·
[illegible]	1033.5	0	S	1	c	62	65	8	-	·	0	CiSt	8	0
Lympne	1033.0	-2	SSE	2	bc	64	65	8	-	-	0	CiSt	4	·
Scilly (St. Mary's)	1031.0	0	SE'S	3	b	56	85	7	-	-	0	CiCu	3	4
Falmouth (Pendennis)	1031.8	0	ESE	2	b	55	85	8	-	-	0	Ci	3	0
Plymouth (Cattewater)	1031.8	0	SE	2	b	63	55	8	4000	Cu	2	·	2	0
Portland Bill	1032.9	-1	SE	3	b	52	85	7	-	·	0	CiCu	2	0
Southampton (Calshot)	1033.1	-1	SE	2	bc	54	85	8	·	·	0	Ci	5	0
Dungeness	1033.0	-2	·	0	bc	62	65	7	-	-	0	CiCu	4	2
Jersey 7h / Guernsey 1h	1031.4	-1	E	2	b	67	55	8	·	-	0	Ci	2	0

LONDON OBSERVATIONS.

	Weather Morning	Weather Afternoon	Weather Night	Temperature Max. °F.	Temperature Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sdnset. hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
	24 Hours ended 0900 G.M.T. 8th								Yesterday.	Yesterday.	To-day.
Kew	bzwy	bybcy	bzwcz	·	·	34	~	~	12.7	·	·
[illegible]ton (36 hours ended 0700)	czby	cbcy	cy⊕z⊕	·	·	39	~	~	12.7	·	·
Greenwich (Royal Obsy.)	bcc	bc	bccz	74	44	34	~	~	12.8	40	49
City (Bunhill Row)	·	·	·	·	·	·	·	·	11.4	·	·
Westminster (St. James' Pk.)	·	·	·	65	41	35	~	~	13.6	54	50
Regent's Pk. (Botanic Gdns.)	·	·	·	·	·	·	·	·	·	·	·
Camden Square	b	bc	·	75	46	41	-	-	·	·	53
Kensington Palace	b	b	·	73	48	40	~	~	·	43	52
Hampstead Observatory	·	·	·	70	42	36	-	-	12.1	·	55

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 7th

South Kensington

Max.	Time.	Min.	Time.
-	·	-	-

Kew Observatory

Max.	Time.	Min.	Time.
-	·	-	·

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... Joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 7th 20 h. 45 m. to 8th 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6.30	6 30	100
δ Ursae Minoris	6.30	6 30	100

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Date.	Type.	No. per sec.	Stren.	Direc.
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

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

8th / 9th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.12 / 4.10	11.49 / 11.49	7.26 / 7.28
Greenwich	4.22 / 4.21	11.56 / 11.56	7.30 / 7.31
Wick	4.4 / 4.2	12.8 / 12.8	8.12 / 8.14
Valencia	5.1 / 5.0	12.34 / 12.34	8.12 / 8.14

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

SEA DISTURBANCE.

0 = no swell, 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 scale see page 3.

M.O. Form 2370.

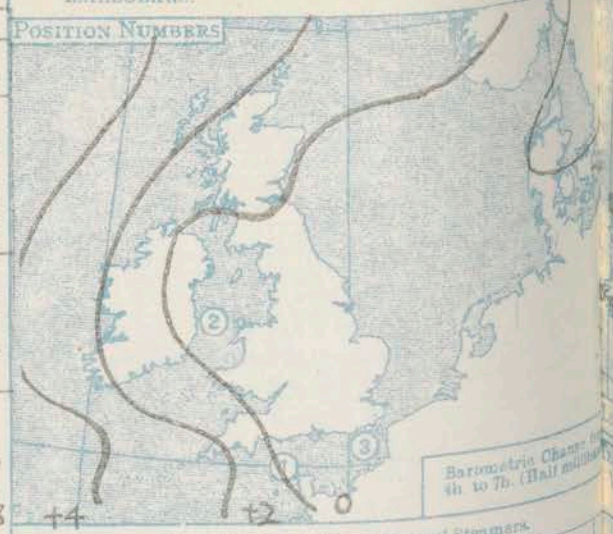
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 7h	13h.-18h. 7h	18h.-1h. 18h. 7h to 8h	1h.-7h. 8h	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	rad	rad	oo	r.d	51	45	•	T	1	<0800	<2100	•
Stornoway	rd	r.d	p	or o	52	46	•	13	2	<0800	-	0.2
Wick	oo	obq	oo	oo	62	48	•	0.4	-	<0800	-	•
Castlebay	afom	omrf	rrfo	om	51	48	•	0.5	0.3	·	-	0.0
Nairn	bcq	c	cq	cbc	66	49	•	-	-	-	-	8.7
Aberdeen	omc	eq	cbo	bcc	65	54	52	-	-	-	-	1.2
Malin Head	bobc	bobc	c		63	48	•	-	-	-	-	7.9
Renfrew	ogm	ocbcq	dm		62	47	40	0.1	trace	-	-	4.2
Edinburgh (Inchkeith)	oo	c	bbc	mm	59	48	45	-	-	-	-	2.8
Eskdalemuir	mfco	ocbc	bcb	bo	56	38	33	1	-	<0800	-	3.5
Tynemouth	cm	c	bcm	om	68	51	44	-	-	-	-	•
Blacksod Point ...	oo	fom	oo	oo	56	49	•	-	-	-	-	•
Donaghadee	bcq	bcq	bc	bcq	64	49	•	-	-	-	-	•
Birr Castle	bo	bo	boffo	ffo	67	45	39	-	-	-	-	11.0
Baldonnell	c	c	c	bbc	66	49	?	-	-	-	-	9.1
Holyhead	obcc	yo	o	c	58	49	48	-	-	-	-	5.8
Liverpool (Bidston) ...	bobc	bc	bbc		68	49	46	-	-	-	-	10.0
Chester (Shotwick) ...	bcbc	bcco	bcm		72	44	38	-	-	-	-	•
Spurn Head	bobc	bobc	bbc	bbc	70	50	•	-	-	-	-	8.6
Nottingham	bobc	bobc	cb	cm	71	47	41	-	-	-	-	10.5
Cranwell	bobc	c	oc	co	70	49	43	-	-	-	-	10.7
Gorleston	bobc	bcc	cbcc	c	71	50	43	-	-	-	-	12.0
Pulham												
Valencia (Cahirciveen)	ocmo	ocbc	bc	bcfc	57	44	41	trace	trace	0900	-	6.7
Roches Point	cMc	bc	bc	bw	56	43	•	-	0.2	-	-	•
Pembroke (St. Ann's H.)	bobc	c	bbc	b.bc	57	48	•	-	-	-	-	11.5
Ross-on-Wye	ocbybcy	bcybcy	bybcc	Dcbcwm	69	43	37	-	-	-	-	13.3
Benson...	c	b	b	bc	70	39	33	-	-	-	-	•
S. Farnborough ...	bcy	ccycy	cbom	om	73	38	?	-	-	-	-	13.4
London (Kew Obsy.) ...	bzwybc	bybcy	byzbw	bwcwz	71	45	34	-	-	-	-	12.7
Croydon	czby	cbcy	cy D	cwz	71	46	39	-	-	-	-	12.7
Clacton-on-Sea ...	bcy		D	bccz	60	52	40	-	-	-	-	12.7
Shoeburyness	bbc	bc	bc	bcmw	70	41	34	-	-	-	-	12.0
Grain	c	c	cwowm		71	44	35	-	-	-	-	11.0
Lympne	bcc	bccbcb	bcco	oo	65	47	37	-	-	-	-	12.0
Scilly (St. Mary's) ...	b.bc	bc	b	b	59	50	•	-	-	-	-	12.9
Falmouth (Pendennis)	bz	bz	bz	bz	63	50	•	-	-	-	-	13.0
Plymouth (Cattewater)	bobc	bobc	b	b.bc	65	43	42	-	-	-	-	13.4
Portland Bill	bc	bc	bc	bc	54	44	•	-	-	-	-	•
Southampton (Calshot)	bc	bc	bbc	c	59	44	40	-	-	-	-	13.8
Dungeness	bobc	bobc	b.bc	c	62	48	•	-	-	-	-	•
Jersey	b	b	b	b	69	48	•	-	-	-	-	14.0

ISALLOBARS.

8th May.

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	7h 1010	Hibernia	S	6	om	51	47
3	8h 0300	Brighton	-	0	bc	52	49

GENERAL INFERENCE.

A large anticyclone covers France, Germany and most of the British Isles and continues to spread northwards. Fair warm weather is probable in most districts and over England very high day temperatures may be expected.

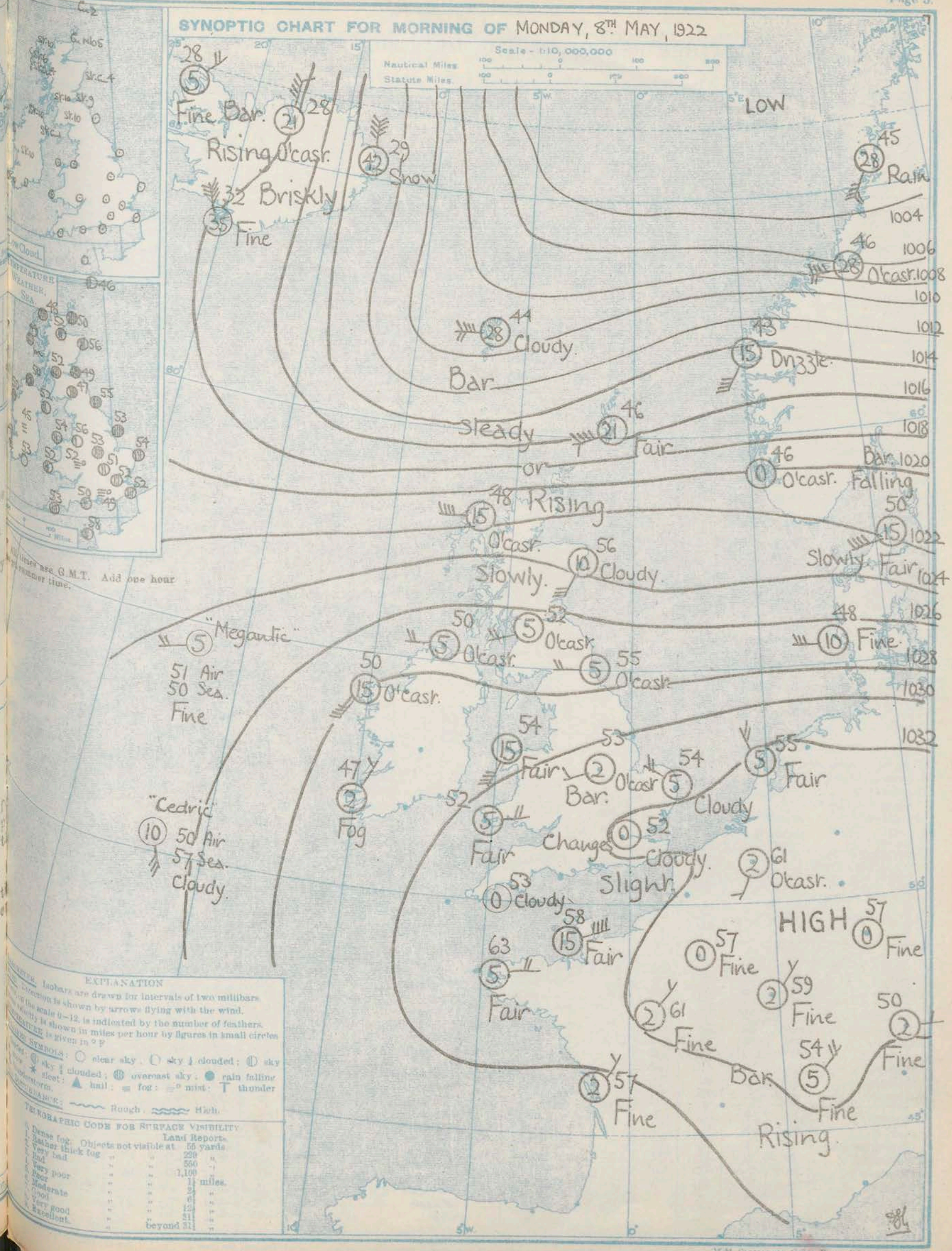
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 8th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable or southeasterly breezes; fine; visibility good apart from morning mist, very warm during day.	Fine and warm f[illegible] some days excep[illegible] in extreme nort[illegible] There is some probability of thundery condit[illegible] developing late[illegible] in the week.
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	Light variable or southerly breezes; fair generally visibility mainly good, morning mist in places; warm	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind westerly, moderate, fresh at times; mainly cloudy, showers in places; visibility moderate to good; moderate or rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as 7 - 13	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. — Forecasts issued at 09.10 GMT.

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

§ For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF MONDAY, 8TH MAY, 1922



EXPLANATION

ISOBARS. Isobars are drawn for intervals of two millibars.

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

TEMPERATURE is given in °F.

CLOUD SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ sleet; ▲ hail; ≡ fog; ⁻° mist; T thunder; ⚡ thunderstorm.

SEA CONDITIONS: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY

		Land Reports.
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... MONDAY ... 8th ... MAY ... 1922. No. 128...

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013.9	+1	NSW	6	0	47	92	6	-	-	0	A.Sr	10	
Stornoway	1019.8	+2	W	6	PR			5						
Wick	1018.2	+1	SW	1	0	50	85	8	4000	CuNb	5	Ci.Cu	10	
Castlebay														
Nairn														
Aberdeen														
Malin Head			No observations taken											
Renfrew														
Edinburgh (Inchkeith)	1024.0	-1	NSW	2	b-	51	85	8	-	StCu	1	-	1	
Eskdalemuir														
Tynemouth	1028.0	0	SW	1	0+	56	75	6	-	-	0	A.Sr	9	
Blacksod Point ...	1026.8	+1	SW	5	c-	50	92	7	-	-	0	A.Sr	10	
Donaghadee														
Birr Castle														
Collinstown	1029.7	0	SW	3	c	54	85	6	-	-	0	A.Sr	8	
Holyhead	1030.1	0	SSW	3	c			7	-	-	0	A.Sr	7	
Liverpool (Bidston) ...														
Chester (Shotwick) ...														
Spurn Head	1030.5	0	SW	3	bc	53	85	7	-	-	0	Ci.Sr	6	
Nottingham														
Cranwell	1030.9	0	NSW	3	c	54	85	8	-	-	0	Ci.Sr	8	
Gorleston	1032.0	0	W'S	3	c+	51	65	8	-	-	0	Ci.Sr	8	
Valencia (Cahirciveen)	1029.8	+2	S	2	ffb	48	97	3	-	-	0	Ci.Cu	2	
Roches Point														
Pembroke (St. Ann's H.)	1031.5	0	E	2	bc	52	75	8	-	-	0	Ci.Sr	6	
Ross-on-Wye														
Benson...														
S. Farnborough ...														
London (Kew Obsy.)..						50								
Croydon	1032.1	-2	S'W	3	c	51	75	7	-	-	0	Ci.Sr	8	
Clacton-on-Sea ...														
Shoeburyness... ...														
Grain														
Lympne	1032.3	-2	SSE	2	0	54	85	8	-	-	0	Ci.Sr	10	
Scilly (St. Mary's) ...	1030.1	0	SE'S	3	b	51	92	7	-	-	0	Ci.Cu	3	
Falmouth (Pendennis)	1031.9	-1	ESE	2	b	49	92	7						
Plymouth (Cattewater)														
Portland Bill	1032.9	-1	SE	3	b	49	85	7	-	-	0	Ci.Cu	2	
Southampton (Calshot)	1032.2	-2	~~NE~~ E 2		bc+	48	97	8	-	-	0	Ci.Sr	4	
Dungeness	1032.2	-1	E	1	bc	50	92	8	-	-	0	Ci	4	
Jersey -7h } ... ... Guernsey 1h }	1031.7	+1	SSE	2	bc	58	65	8	-	-	0	Ci.Sr	5	

Observations at 0700 G.M.T. ... 8th ...

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1015.3	+2	WSW	5	bc-	46	97	6	4000	Cu	2	A.Cu	5	3
Stornoway	1021.0	+3	W	4	0	48	85	6	450	Sr	10	-	10	0
Wick	1019.4	+1	WNW	3	0	50	92	8	2500	CuNb	5	Ci.Cu	9	4
Castlebay	1024.0	+2	WNW	4	mmo	49	92	6	1500	Sr	10	-	10	
Nairn	1021.5		W	1	bc	52	65	8	4000	Cu	3	A.Cu	5	0
Aberdeen	1022.0	0	SW'S	3	c	56	75	8	5750	StCu	4	StCu	8	0
Malin Head	1026.9	0	W	2	0-	50	97	7	2500	Sr	10	-	10	
Renfrew	1026.1	0	WSW	2	0	52	85	6	800	Sr	10	-	9	3
Edinburgh (Inchkeith)	1024.1	+1	WSW	4	0-	49	85	7	-	Sr	9	-	10	
Eskdalemuir	1027.3	0	S	2	0	47	97	6	450	Sr	10		10	0
Tynemouth	1027.1	-1	W	2	0	55	75	5	-	-	0	A.Sr	10	4
Blacksod Point ...	1028.0	+2	SW	4	0	50	92	7	-	-	0	A.Sr	5	0
Donaghadee	1027.1	+2	W	2	bc	52	92	8	5750	StCu	1	Ci.Cu	10	
Birr Castle	1029.0		SSE	1	fco	45	97	3	<150	Sr	10	-	5	
Collinstown	1029.6	0	W'S	2	bc-	53	85	8	4000	StCu	1	Ci.Sr	4	3
Holyhead	1029.5	-1	SSW	4	bc-	54	75	8	-	-	0	Ci	7	1
Liverpool (Bidston) ...	1029.3	0	SE'S	1	b	56	75	5	-	-	0	Ci.Sr	5	
Chester (Shotwick) ...	1028.9	-1	SSE	1	bc	55	75	6	-	-	0	Ci		
Spurn Head	1030.6	0	S	1	0	53	92	5	-	-	0	A.Sr	9	2
Nottingham	1030.8		WSW	1	0-	53	85	5	-	-	0	Ci.Sr	9	
Cranwell	1030.4	0	WSW	3	0	55	75	7	-	-	0	Ci.Sr	10	
Gorleston	1030.5	-1	WNW	2	c	54	65	6	-	-	0	Ci.Sr	8	0
Valencia (Cahirciveen)	1029.0	+3	NE'E	1	iFo	47	97	1	<150	Sr	10	-	10	
Roches Point	1029.0	0	SSE	1	b	53	92	7	-	-	0	-	0	
Pembroke (St. Ann's H.)	1030.8	0	E	2	bc	52	85	6	-	-	0	Ci.Sr	5	
Ross-on-Wye	1030.8	0	ESE	1	mc-	52	75	6	-	-	0	Ci	7	
Benson...	1031.2	+1	-	0	bc	51	85	7	-	-	0	Ci.Sr	5	
S. Farnborough ...	1031.6	+1	S	1	mmo	49	92	5	-	-	0	Ci	9	
London (Kew Obsy.)..	1032.3	+1	-	0	c-	52	75	4	-	-	0	Ci	7	
Croydon	1031.6	0	-	0	0	53	75	5	-	-	0	Ci.Sr	9	
Clacton-on-Sea ...	1031.8	-1	SSE	1	c	53	75	6	-	-	0	Ci.Sr	7	0
Shoeburyness... ...	1031.7	-1	-	0	mbc	57	75	6	-	-	0	A.Sr	6	0
Grain	1031.6	0	W	1	mo	53	85	5	-	-	0	Ci.Sr	9	
Lympne	1031.6	+1	SSW	3	0	55	85	7	-	-	0	Ci.Sr	9	
Scilly (St. Mary's) ...	1029.1	0	SE'S	3	bc	53	85	8	-	-	0	Ci.Cu	4	4
Falmouth (Pendennis)	1031.0	+2	-	0	b-	53	92	7	-	-	0	Ci	2	0
Plymouth (Cattewater)	1031.2	+2	-	0	bc-	53	85	8	4000	Cu	6	-	6	0
Portland Bill	1031.4	-1	SE	2	bc+	50	85	7	-	-	0	Ci.Cu	4	0
Southampton (Calshot)	1031.9	0	-	0	c	50	85	7	-	-	0	Ci.Sr	7	0
Dungeness	1031.9	0	-	0	c-	52	97	7	-	-	0	Ci.Cu	8	7
Jersey -7h } ... ... Guernsey 1h }	1031.4	0	ENE	4	bc	58	75	6	-	-	0	Ci.Sr	4	0

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 6-7	Temperature. Max. Day 7	Rainfall.† Night 17h.-9h. 6-7	Rainfall.† Day 9h.-17h. 7	Sunshine. Sunrise to 17h. 7	Sunshine. Sunrise to Sunset 6
			°F.	°F	mm.	mm.	hr.	hr
Banff	0	oc	46	67	-	-	2.0	3.5
Montrose	obc	bc	46	64	0.1	-	7.0	1.5
Llandudno	c	0	50	63	-	-	2.3	2.0
Colwyn Bay ...	cbc	bc	50	64	-	-	2.0	4.4
Rhyl...	bc	bc	51	65	0.3	-	6.8	?
Southport	bc	bccbc	47	65	-	-	10.0	0.1
Blackpool	c	bc	47	64	-	-	9.1	0.0
Harrogate	b	b	48	70	-	-	4.8	2.4
Skegness	b	bc.c	45	71	-	-	10.5	7.6
Aberystwyth ...	b	b	46	63	-	-	10.0	2.0
Bath	b	b	36	70	-	-	11.0	6.5
Leamington Spa ...	b	b	40	71	-	-	9.6	9.5
Lowestoft	b	bc	43	72	-	-	11.6	10.5
Felixstowe	b	bm	43	64	-	-	11.8	10.4
Southend	b	bbc	40	71	-	-	10.5	11.5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 6-7	Temperature. Max. Day 7	Rainfall.† Night 17h.-9h. 6-7	Rainfall.† Day 9h.-17h. 7	Sunshine. Sunrise to 17h. 7	Sunshine. Sunrise to Sunset 6
			°F	°F	mm.	mm	hr	hr
Paignton ...	bc	bc	38	61	-	-	11.8	5.7
Ilfracombe ..	bc	bc	49	70	-	-	8.2	11.2
Bude	b	b	45	68	-	-	11.2	10.2
Penzance	bcb	b	45	59	-	-	11.5	11.9
Falmouth Observatory	b	b	42	60	-	-	11.5	8.7
Torquay	b	b	43	65	-	-	11.6	7.9
Weymouth	bc	bc	40	61	-	-	11.5	10.0
Bournemouth ...	b	b	38	63	-	-	11.6	12.4
Portsmouth (S'thsea)	b	b	42	63	-	-	11.7	12.0
Worthing	b	b	39	61	-	-	11.0	11.8
Brighton	b	b	40	60	-	-	11.5	12.5
Eastbourne	b	bbc	40	60	-	-	11.4	11.8
Hastings	b	b	43	65	-	-	10.4	10.7
Folkestone	b	b	42	69	-	-	11.0	11.1
Tunbridge Wells ...	b	b	38	70	-	-	10.7	11.6
Ramsgate	b	b	41	65	-	-	10.5	10.6
Margate	b	b	46	70	-	-	10.5	11.9
Deal	b	b	42	70	-	-		

* 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. B22083 TUESDAY, 9th MAY 1922.

Observations at 1300 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	Height of Low Cloud Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1015·4	+1	W	5	b-	47	75	7	4000	Cu	2	ACu	3	·
Stornoway	1023·3	+2	WNW	4	c-	52	65	6	800	St	8	-	8	·
Wick	1021·2	+2	W	3	or	48	85	8	2500	CuNb	10	-	10	·
Castlebay	1027·0	+2	WSW	4	bc/f	52	85	6	1500	St	6	-	6	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1022·3	0	WNW	5	bc-	62	45	8	5750	StCu	1	CiCu	4	·
Malin Head	1027·6	+1	W	2	mo	50	97	5	1500	St	10	-	10	·
Renfrew	1026·4	-0	WSW	5	od₀d₀	54	85	6	1500	St	9	-	9	·
Edinburgh (Inchkeith)	1025·4	+2	WSW	4	o	50	92	7	-	St	10	-	10	·
Eskdalemuir	1026·4	-0	W	5	c-	60	65	7	2500	StCu	8	-	8	·
Tynemouth	1026·1	-1	W	2	bc	69	55	6	4000	CuNb	2	CiCu	4	·
Blacksod Point	1029·9	+3	SW'W	2	c-	54	92	7	-	StCu	7	-	7	·
Donaghadee	1027·6	+1	E	1	bc+	63	75	8	5750	Cu	4	Ci	5	·
Birr Castle	1029·4	·	SSE	1	bc-	63	85	7	4000	StCu	3	Ci	5	·
Collinstown	1030·4	+2	W'N	2	c+	67	75	8	-	-	-	CiSt	7	·
Holyhead	1029·5	-1	SSW	5	b	60	65	8	-	-	-	Ci	1	·
Liverpool (Bidston)	1028·7	-1	WNW	3	b-	64	55	7	4000	StCu	3	-	3	·
Chester (Shotwick)	1028·1	-1	WNW	4	bc+	67	55	8	-	-	-	ACu	5	·
Spurn Head	1028·5	-2	ESE	2	b	65	92	5	-	-	-	Ci	1	·
Nottingham	1028·5	·	WSW	3	b-	73	45	7	-	-	-	Ci	2	·
Cranwell	1028·7	-2	ESE	4	bc	71	55	6	4000	Cu	3	CiSt	6	·
Gorleston	1028·5	-1	S'E	3	b-	56	75	6	-	-	-	Ci	2	·
Valencia (Cahirciveen)	1029·5	0	W'S	2	b-	53	92	7	225	St	3	-	3	·
Roches Point	1029·6	0	SE	1	b	57	97	8	-	-	-	CiSt	1	·
Pembroke (St. Ann's H.)	1030·7	0	SE	1	b	57	75	7	-	-	-	CiSt	2	·
Ross-on-Wye	1028·3	-2	SW	3	b	74	45	7	-	-	-	-	0	·
Benson	1029·5	-3	WSW	3	b-	77	45	8	-	-	-	Ci	1	·
S. Farnborough	1029·9 ~~1030·0~~	-2	WSW	3	bc-	78	42	7	-	-	-	Ci	5	·
London (Kew Obsy.)	1029·6	-4	SSW	3	b	73	45	8	-	-	-	Ci	1	·
Croydon	1029·3	-3	SW	3	bc-	77	35	8	-	-	-	Ci	4	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1029·7	-2	SW	2	mc-	75	45	6	-	-	-	Ci	7	·
Grain	1029·7	-3	SW	3	bc-	76	35	8	-	-	-	Ci	6	·
Lympne	1029·8	-4	SW	4	c	71	55	8	-	-	-	Ci	8	·
Scilly (St. Mary's)	1030·2	0	SSE	3	b	61	75	7	-	-	0	-	0	·
Falmouth (Pendennis)	1031·5	0	SE	2	b	62	75	7	-	-	-	Ci	2	·
Plymouth (Cattewater)	1031·1	0	Calm	0	b	61	85	7	-	-	-	-	0	·
Portland Bill	1031·7	0	E	1	b	59	85	7	-	-	-	CiCu	2	·
Southampton (Calshot)	1031·0	-2	SW'W	4	b-	71	45	8	-	-	-	Ci	2	·
Dungeness	1030·8	-3	SW	3	bc	60	97	7	-	-	-	Ci	6	·
Jersey	1031·7	-0	ENE	2	b	68	55	8	-	-	-	-	0	·

Observations at 1800 G.M.T. 8th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1016·5	+1	W	6	cPH	44	75	6	4000	CuNb	7	-	7	5
Stornoway	1026·1	+3	NW	4	c-	48	75	6	800	St	7	-	7	3
Wick	1023·2	+3	W	4	o/r	47	75	8	2500	CuNb	5	CiCu	9	3
Castlebay	1029·1	+2	NW	4	b	50	85	7	2500	StCu	2	-	2	3
Nairn	1024·8	·	W	8	bc	51	55	8	4000	Cu	6	-	6	·
Aberdeen	1024·2	+2	NW	4	bc-	55	65	8	4000	Cu	4	-	4	0
Malin Head	1029·1	+2	W'N	2	b+	51	97	8	4000	Cu	2	CiCu	3	0
Renfrew	1027·6	+2	WNW	4	bc-	54	75	8	1500	StCu	4	Ci	5	·
Edinburgh (Inchkeith)	1024·5	-1	W	5	b-	53	75	8	-	Cu	2	CiCu	3	4
Eskdalemuir	1027·0	-0	W	4	o	54	75	8	2500	StCu	8	CiSt	9	·
Tynemouth	1025·7	0	WSW	3	bc+	64	65	6	4000	Cu	2	CiCu	6	0
Blacksod Point	1030·4	+2	NW	2	o-	53	92	7	-	-	-	ASt	10	1
Donaghadee	1029·0	+2	ENE	2	c+	52	85	8	5750	StCu	7	-	7	0
Birr Castle	1028·8	·	W	1	bc-	67	65	8	-	-	-	Ci	4	·
Collinstown	1029·4	0	W'N	2	c	65	75	8	-	-	-	Ci	7	·
Holyhead	1029·1	-1	SW'S	3	bc+	58	75	8	-	-	-	ASt	5	1
Liverpool (Bidston)	1028·4	-1	NW'W	2	b	57	65	8	-	-	-	Ci	3	1
Chester (Shotwick)	1027·6	-0	NW	4	o+	58	65	8	-	-	-	Ci	9	·
Spurn Head	1026·5	-2	NW	2	o	58	75	5	-	-	-	ASt	10	2
Nottingham	1026·8	·	NW	3	bc+	73	45	7	-	-	-	Ci	6	·
Cranwell	1026·3	-2	WSW	3	c+	73	55	7	4000	Cu	2	Ci	8	·
Gorleston	1026·9	-1	ENE	1	bc+	55	75	6	-	-	-	ACu	4	0
Valencia (Cahirciveen)	1029·2	0	W'S	2	bc	55	85	7	-	-	-	ACu	5	3
Roches Point	1029·0	-1	ESE	2	bc+	55	92	7	-	-	-	Ci	4	1
Pembroke (St. Ann's H.)	1030·2	-1	S	1	b	55	85	7	-	-	-	CiSt	2	3
Ross-on-Wye	1027·7	-1	WSW	3	b	73	45	8	-	-	-	Ci	1	·
Benson	1028·3	-2	W	1	b-	76	45	8	-	-	-	Ci	1	·
S. Farnborough	1028·8	-01	WSW	3	b	77	45	7	-	-	-	Ci	2	·
London (Kew Obsy.)	1028·1	-1	WSW	2	bc	77	35	8	-	-	-	Ci	6	·
Croydon	1028·2	-1	SW	2	bc	75	45	8	-	-	-	Ci	4	·
Clacton-on-Sea	1027·9	-2	SSW	2	bc	67	65	6	2500	Cu	3	CiSt	5	0
Shoeburyness	1028·1	-1	SW	1	bc/f	71	55	7	-	-	-	CiSt.	5	·
Grain	1028·3	-2	~~NW~~ SSW	2	b	71	45	8	-	-	-	CiSt	3	0
Lympne	1028·7	-1	SSW	4	b	66	65	8	-	-	-	-	0	·
Scilly (St. Mary's)	1030·3	0	-	0	b	60	85	8	-	-	0	-	0	4
Falmouth (Pendennis)	1030·3	-2	SE	2	b	62	75	7	-	-	-	-	0	0
Plymouth (Cattewater)	1030·1	-2	SSW	2	b	56	85	7	-	-	-	-	0	0
Portland Bill	1031·7	0	W	1	b	56	85	7	-	-	-	-	0	0
Southampton (Calshot)	1029·7	-2	SW'W	4	b	63	55	8	-	-	-	Ci	1	0
Dungeness	1029·1	-2	WSW	2	bc-	56	85	7	-	-	-	CiCu	5	3
Jersey	1030·5	-0	ENE	2	b	69	45	8	-	-	-	-	0	0

LONDON OBSERVATIONS (24 Hours ended 0900 G.M.T. 9th; Humidity: 15h. G.M.T. Yesterday, 9h. G.M.T. To-day)

London Observations	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	cwzby	bybcy	bybcw	·	·	41	-	-	12.5	·	·
Croydon (24 hours ended 0700)	ocbcz	bcbz	bc..z	·	·	43	-	-	12.9	·	·
Greenwich (Royal Obsy.)	bc	b	bcy	81	51	39	-	-	12.6	36	62
City (Bunhill Row)	·	·	·	·	·	·	·	·	10.7	·	·
Westminster (St. James' Pk.)	·	·	·	80	51	45	-	-	12.1	37	60
Regent's Pk. (Botanic Gdns.)	·	·	·	·	·	·	·	·	11.3	·	61
Camden Square	bc	b	·	81	58	47	-	-	·	·	·
Kensington Palace	b	b	·	81	52	43	-	-	·	48	59
Hampstead Observatory	·	·	·	77	54	42	-	-	12.3	·	64

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
0.3 1.3	7th 22h 8th 7h	0.3	8th 1h

Kew Observatory Max.	Time.	Min	Time.
1.2	8th 7h	<0.3	7th 17h

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 20 h. 45 m. to 9th 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6.30	6.30	100
λ Ursae Minoris	6.30	6.26	99

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

Time.	Type.	No. per min.	Stren.	Direc.
13h.	-	-	-	-
16h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 9th & 10th May 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.10 4.8	11.49 11.49	7.28 7.30
Greenwich	4.21 4.19	11.56 11.56	7.31 7.33
Wick	4.2 4.0	12.8 12.8	8.14 8.16
Valencia	5.0 4.58	12.37 12.37	8.14 8.16

BEAUFORT NOTATION OF WEATHER.

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

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

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

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

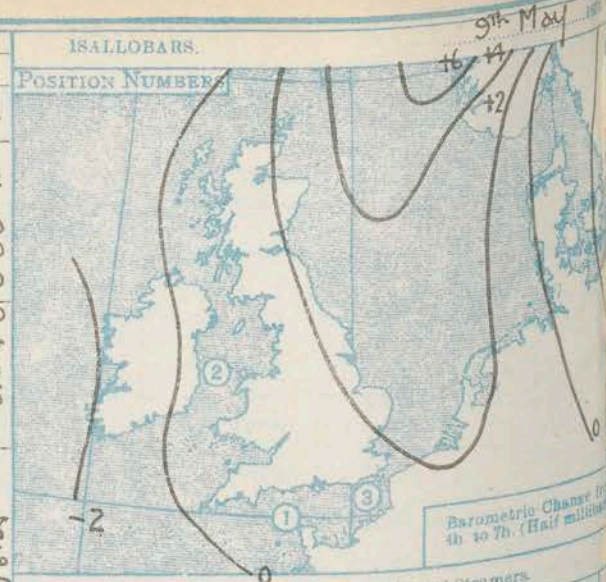
For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 8th	13h.-18h. 8th	18h. 8th to 1h. 9th	1h.-7h. 9th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b-bc	p	h.rh	oo	48	32		0.3	trace	<0800	<2100	
Stornoway	p	p	obc	bc	52	38		1	2	1230	-	7.2
Wick	oir	op.q	op	c	53	38		1	0.2	1100	<2100	
Castlebay	omc	cb	b	bc	52	43		-	-	-	-	9.0
Nairn	bcqc		c	c	59	40		-	0.4	-	2200	7.0
Aberdeen	cbcq	cbcq	bcc	cbc	63	40	31	-	-	-	-	?6.0
Malin Head	od.m	c	bbc		52	44		0.1	-	1230	-	2.0
Renfrew	od.d	omcbc	b.bc		57	36	27	trace	trace	0900	-	5.4
Edinburgh (Inchkeith)	oo	c	b.bc	c	54	40	36	-	-	-	-	4.9
Eskdalemuir	oc	oc	ob	bbcc	[illegible]	35	31	-	-	-	-	6.5
Tynemouth	b-bcm	bcqm	b.bc	bcm	70	42	38	-	-	-	-	
Blacksod Point ...	c	oo	oo	c	55	48		-	-	-	-	
Donaghadee	bcm	bc	bcm	bc	64	43		-	-	-	-	
Birr Castle	ffbc	bc	co	co	68	48	43	-	-	-	-	10.8
Collinstown	b-bc	c	c	oo	69	46	41	-	-	-	-	11.6
Holyhead	bcb	bbc	b.bc	bco	61	47	46	-	-	-	-	12.2
Liverpool (Bidston) ...	bbc	b-bc	bco		67	47	44	-	-	-	-	13.1
Chester (Shotwick) ...	bbc	bcco	obco	oo	73	47	44	-	-	-	-	
Spurn Head	b-bc	b-bc	bbc	c	70	47		-	-	-	-	8.1
Nottingham	b-bc	b-bc	c		76	52	47	-	-	-	-	11.2
Cranwell	ocbcim	bbcc	oco	om	75	50	49	-	-	-	-	11.4
Gorleston	cbcb	bz	bbcc	cbcc	70	48	45	-	-	-	-	12.0
Valencia (Cahirciveen)	fmb	bcz	bcbz	bw	58	47	41	-	-	-	-	8.3
Roches Point	bb	bc	bbc	bcof	59	47		-	0.2	-	-	
Pembroke (St. Ann's H.)	b-bc	b-bc	b.bc	bcm	58	46		-	-	-	-	12.7
Ross-on-Wye	bcby	by	bwbcc	coc	77	49 ~~45~~	42	-	-	-	-	12.9
Benson...	b	b	b	b	80	45	39	-	-	-	-	
S. Farnborough ...	czbczy	byy	bbccb	b	80	45	38	-	-	-	-	13.0
London (Kew Obsy.)...	cwzby	bybcy	bxb	bcwbm	78	51	41	-	-	-	-	12.5
Croydon	ocbczz	bcbz	bcoy	ocbcw	78	51	43	-	-	-	-	12.9
Clacton-on-Sea	cbczy		bczy	bcz	67	51	45	-	-	-	-	10.2
Shoeburyness	bcz	cbc	bc	bmw	75	51	39	-	-	-	-	11.4
Grain	c	bcybc	bybc	bcbwz	78	46	38	-	-	-	-	11.2
Lympne	c	bcb	bbc	cocbcw	72	53	41	-	-	-	-	12.6
Scilly (St. Mary's)	b	b	bwbc	bwbc	62	52		-	-	-	-	12.2
Falmouth (Pendennis)	bz	bz	bz	bcz	64	50		-	-	-	-	12.8
Plymouth (Cattewater)	b-bc	b-bc	b	f.m	62	43 ~~44~~	38	-	-	-	-	13.1
Portland Bill	bc	bcb	b	b	60	47		-	-	-	-	
Southampton (Calshot)	c	b-bc	c	c	72 ~~74~~	47	45	-	-	-	-	12.9
Dungeness	c	c	c	bbc	66	50		-	-	-	-	
Jersey 7h } Guernsey 1h }	b	b	b	bc	73	49		-	-	-	-	13.7

ISALLOBARS.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	8th 1000	Hibernia	S	2	bv	52	47
3	9th 0200	Dieppe	SW	1	bc	52	50

GENERAL INFERENCE.

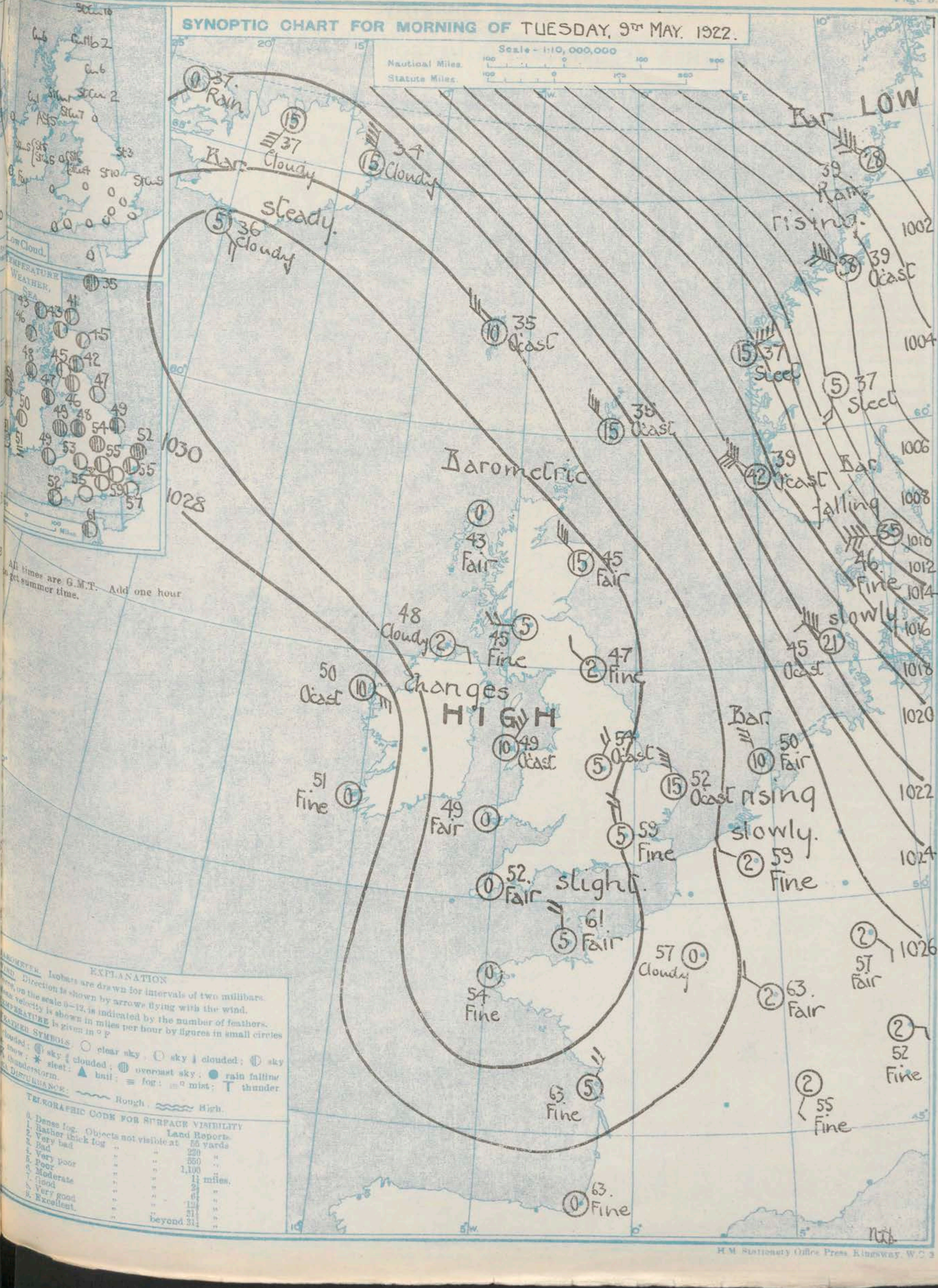
An anticyclone covers the British Isles and fine weather likely generally for a day or two with a high day temperature especially over England. There is some probability of thundery conditions developing later in the week.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 9th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light variable breezes; fine; visibility good apart from slight morning mist in places; very warm.	Fine and warm generally for a day or two. There is some probability of thundery conditions developing later in the week.
5. S.W. England 6. South Wales 7. North Wales	Wind variable to southeasterly, mainly light; fine; visibility good apart from slight morning mist in places warm.	
8. N.W. England 9. N. Midlands 10. N.E. England	Same as 1 - 4	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland	Light variable breezes; fine; visibility good; warmer.	
15. Hebrides 16. Orkneys and Shetlands	Wind northwesterly then variable, moderate to light; fair; visibility good; rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as 5 - 7	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 08.55 GMT. G. C. SIMPSON, F.R.S., Director.

§ For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF TUESDAY, 9TH MAY. 1922.



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

		Land Reports
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 "

M.O. Form 2370.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Tuesday 9th MAY ... 1922. No. 129

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1022.9	+5	NNW	5	oph	37	75	6	5750	SrCu	10	-	10	-
Stornoway	1030.3	+3	N	2	0 -	"	"	6	"	"	"	"	"	"
Wick	1026.7	+3	NNW	3	0/r	41	85	8	2500	CuNb	10	-	10	"
Castlebay	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Nairn	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Aberdeen	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Malin Head			No	observations		taken								
Renfrew	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Edinburgh (Inchkeith)	1028.3	+3	WSW	2	b	44	85	8	-	-	0	Ci.Sr	1	"
Eskdalemuir	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Tynemouth	1028.7	+2	WNW	2	b	47	85	7	-	-	0	ACu	3	"
Blacksod Point ...	1030.1	-1	W	5	0	49	92	5	-	-	0	ACu	10	"
Donaghadee	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Birr Castle	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Collinstown	1032.1	+2	NN'W	1	C	46	97	7	-	-	0	Ci.Sr	8	"
Holyhead	1030.5	+1	NE'E	3	bc+	"	"	8	-	-	0	A.Sr	6	"
Liverpool (Bidston) ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Chester (Shotwick) ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Spurn Head	1028.4	+1	NW	3	bc	51	92	6	-	-	0	Ci.Sr	5	"
Nottingham	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Cranwell	1029.0	+2	NW'W	3	0	52	85	6	-	-	0	Ci	9	"
Gorleston	1027.2	0	NW'N	2	bc+	57	65	7	-	-	0	Ci.Sr	6	"
Valencia (Cahirciveen)	1028.3	+1	S	1	b-	50	97	6	-	-	0	Ci.Cu	2	"
Roches Point	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Pembroke (St. Ann's H.)	1030.2	0	-	0	bc	50	92	7	-	-	0	A.Sr	4	"
Ross-on-Wye	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Beneon...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
S. Farnborough ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
London (Kew Obsy.)...	"	"	"	"	"	59	"	"	"	"	"	"	"	"
Croydon	1028.9	0	WSW	3	0+	60	65	8	-	-	0	Ci.Sr	9	"
Clacton-on-Sea ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Shoeburyness... ...	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Grain	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Lympne	1028.3	0	N	3	C+	54	92	8	-	-	0	Ci.Sr	7	"
Scilly (St. Mary's) ...	1029.5	0	S	2	b	53	97	7	-	-	0	-	0	"
Falmouth (Pendennis)	1030.7	0	-	0	b	55	85	7	-	-	0	Ci	1	"
Plymouth (Cattewater)	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Portland Bill	1030.3	-1	W	2	b	50	85	7	-	-	0	-	0	"
Southampton (Calshot)	1029.9	0	WSW	2	0 (1)	50	92	8	-	-	0	A.Sr	10	"
Dungeness	1029.1	0	NW	2	bc	51	85	8	-	-	0	Ci.Cu	4	"
Jersey (7h)	1031.4	+2	WNW	1	bc	60	55	8	-	-	0	Ci.Sr	2	"
Guernsey (1h)														

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1026.4	+4	NNW	4	0	35	75	7	5750	SrCu	10	-	10	3
Stornoway	1030.8	+1	-	0	bc	43	85	6	4000	Cu	6	-	6	0
Wick	1029.1	+3	NNW	4	c-	41	75	8	5750	SrCu	7	-	7	3
Castlebay	1031.3	+1	~~WSW~~	2	c	46	75	7	2500	SrCu	7	-	7	1
Nairn	1030.6	"	WNW	0	c+	43	65	8	1500	Cu	7	-	6	0
Aberdeen	1030.3	+2	NW'N	4	bc	45	65	8	2500	Cu	6	-	7	0
Malin Head	1030.9	0	E	1	C+	48	92	8	4000	Cu	1	A.Sr	3	"
Renfrew	1030.8	+1	W	2	b	45	85	7	-	SrCu	1	Ci	6	2
Edinburgh (Inchkeith)	1030.5	+2	WSW	2	mbc	42	85	6	-	SrCu	2	ACu	7	"
Eskdalemuir	1030.5	+1	ESE	1	c+	46	75	8	4000	SrCu	7	-	3	0
Tynemouth	1030.7	+2	NW	1	b	47	85	6	-	-	0	Ci	0	"
Blacksod Point ...	1027.6	-2	E'S	3	0	50	97	9	-	-	0	ACu	10	3
Donaghadee	1031.1	+1	NNE	1	C-	47	92	7	-	-	0	A.Sr	7	0
Birr Castle	1029.1	"	W	1	C+	50	92	7	4000	SrCu	5	Ci	7	"
Collinstown	1032.0	0	E	2	0+	48	97	7	1500	Sr	10	-	10	"
Holyhead	1030.8	+1	NE	3	0	49	85	9	-	-	0	A.Sr	9	3
Liverpool (Bidston) ...	1030.5	0	WNW	1	0+	48	85	7	2500	Sr	10	-	10	1
Chester (Shotwick) ...	1029.7	0	NW	3	0	51	85	8	1500	Sr	10	-	10	"
Spurn Head	1029.8	+1	N	4	C	49	85	6	1500	Sr	3	Ci	8	3
Nottingham	1030.4	"	NE	2	0-	54	85	6	-	-	0	A.Sr	9	"
Cranwell	1030.1	+2	N'E	3	0	51	92	6	1500	Sr	10	-	10	"
Gorleston	1028.4	+1	N	4	0+	52	85	6	4000	SrCu	9	-	9	0
Valencia (Cahirciveen)	1027.2	-2	-	0	b	51	92	7	-	-	0	ACu	3	0
Roches Point	1029.8	0	E	2	OF	51	97	1	<150	Sr	10	-	10	1
Pembroke (St. Ann's H.)	1030.5	0	-	0	bc	49	92	6	-	-	0	A.Sr	4	3
Ross-on-Wye	1030.3	+1	W'N	1	bc⊕	53	85	6	-	-	0	CiCu	5	"
Beneon...	1029.9	+1	-	0	bc+	55	85	7	-	-	0	CiSr	5	"
S. Farnborough ...	1029.7	+1	-	0	b	52	85	7	-	-	0	Ci	3	"
London (Kew Obsy.)...	1030.0	+1	N	2	b	59	65	6	-	-	0	Ci.Sr	2	"
Croydon	1029.7	+1	NNE	1	bc-	59	75	6	-	-	0	Ci.Sr	4	"
Clacton-on-Sea ...	1029.2	+2	NNW	3	bc	55	75	6	-	-	0	A.Sr	4	0
Shoeburyness... ...	1029.5	0	NE	1	mb-	57	65	5	-	-	0	A.Sr	1	"
Grain	1029.4	+2	NW	1	b	58	75	6	-	-	0	Ci	3	0
Lympne	1028.7	+2	N'E	3	b-	57	85	6	-	-	0	Ci.Sr	6	2
Scilly (St. Mary's) ...	1029.4	0	WSW	2	bc-	56	85	7	-	-	0	aCu	5	0
Falmouth (Pendennis)	1030.4	+2	-	0	bc+	52	92	7	-	-	0	Ci.Sr	10	0
Plymouth (Cattewater)	1030.3	+1	-	0	0-	52	85	8	4000	Sr	10	-	0	0
Portland Bill	1030.3	0	-	0	b	55	85	7	-	-	0	Ci	4	0
Southampton (Calshot)	1029.9	0	-	0	bc	55	85	7	-	-	0	Ci	2	0
Dungeness	1028.8	+1	NNE	1	b	57	85	6	-	-	0	Ci.Sr	6	0
Jersey (7h)	1030.2	0	N	2	bc	61	55	7	-	-				
Guernsey (1h)														

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 7-8 °F.	Temperature. Max. Day 8 °F.	Rainfall.† Night 17h.-9h. 7-8 mm.	Rainfall.† Day 9h.-17h. 8 mm.	Sunshine. Sunrise to 17h. 8 hr.	Sunshine. Sunrise to Sunset. 7 hr.
Banff ...	bc	c	50	57	-	-	4.8	2.9
Montrose	obc	bc	51	64	-	-	6.9	7.8
Llandudno ...	cb	bbc	52	67	-	-	10.5	2.3
Colwyn Bay ...	bc	bc	51	70	-	-	11.1	2.1
Rhyl	bb	bc	52	67	-	-	11.5	6.8
Southport ...	bbcb	bbc	47	65	-	-	11.0	9.8
Blackpool ...	bc	bc	45	63	-	-	11.3	9.2
Harrogate	c	b	7	70	-	-	7	6.3
Skegness	mb	b	48	76	-	-	10.0	10.9
Aberystwyth ...	cbb	bbb	49	66	-	-	10.7	10.7
Bath	b	b	41	78	-	-	10.7	12.6
Leamington Spa ...	b	b	41	77	-	-	9.5	11.4
Lowestoft	bc	bc	50	77	-	-	10.7	11.0
Felixstowe	bcm	bz	47	75	-	-	10.6	12.8
Southend	bcb	b	51	77	-	-	10.4	11.2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 7-8 °F.	Temperature. Max. Day 8 °F.	Rainfall.† Night 17h.-9h. 7-8 mm.	Rainfall.† Day 9h.-17h. 8 mm.	Sunshine. Sunrise to 17h. 8 hr.	Sunshine. Sunrise to Sunset. 7 hr.
Paignton ...	bcm	bb	43	76	-	-	11.1	13.3
Ilfracombe	b	b	51	67	-	-	11.2	9.3
Bude	wb	b	47	72	-	-	11.0	12.8
Penzance	b	b	49	65	-	-	11.1	15.0
Falmouth Observatory	b	b	47	65			11.2	15.6
Torquay	b	b	47	75		-	11.0	13.5
Weymouth	bc	bcb	48	67	-	-	10.6	15.4
Bournemouth ...	b	b	44	74	-	-	10.5	11.5
Portsmouth (S'thsea)	b	b	48	75	-	-	11.0	13.6
Worthing	b	b	47	67	-	-	10.8	12.8
Brighton	bcb	b	43	63	-	-	10.6	12.2
Eastbourne	bcb	b	45	72	-	-	10.8	12.4
Hastings	b	b	53	67	-	-	10.5	12.3
Folkestone	b	bbv	40	70	-	-	10.7	12.5
Tunbridge Wells ...	b	b	46	77	-	-	10.6	12.1
Ramsgate	b	b	52	74	-	-	10.9	11.5
Margate	bc	b	51	76	-	-	9.8	11.4
Deal	b	b	47	76	-	-	11.1	11.0

* 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.22084 WEDNESDAY, 10th MAY 1922.

Observations at 1300 G.M.T. 9

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather*	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1027.0	+1	WNW	3	o	38	65	7	5750	StCu	10	-	10	*
Stornoway	1030.2	0	SE	3	opr₀	45	75	6	450	St	10	-	10	*
Wick	1029.2	0	WNW	2	c	45	65	8	5750	StCu	8	-	8	*
Castlebay	1030.4	-0	NW	2	bc	49	75	7	2500	StCu	3	ASt	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1030.5	-1	NNW	2	o+	48	55	8	4000	StCu	9	-	9	*
Malin Head	1029.3	-2	ESE	2	bc+	47	92	8	5750	StCu	5	-	5	*
Renfrew	1025.0	-3	Calm	0	c	54	65	6	-	-	0	ACu	7	*
Edinburgh (Inchkeith)	1029.3	-3	E	2	b	50	75	8	-	Cu	1	CiSt	2	*
Eskdalemuir	1028.5	-2	SW	3	c	55	55	8	4000	Cu	1	CiSt	7	*
Tynemouth	1030.4	0	E	2	c+	48	85	8	4000	StCu	8	-	8	*
Blacksod Point	1026.6	-1	SE	1	c	59	85	8	-	-	0	ACu	8	*
Donaghadee	1029.2	-1	E	1	bc-	48	85	8	5750	StCu	6	-	6	*
Birr Castle	1 ?	*	S	1	c+	70	75	7	1500	St	8	-	8	*
Collinstown	1029.1	-4	E	2	o	52	85	7	1500	St	10	-	10	*
Holyhead	1028.6	-3	NE	3	o	54	75	8	4000	StCu	1	ASt	9	*
Liverpool (Bidston)	1028.5	-2	NNW	1	c⊛	55	65	6	2500	St	8	-	8	*
Chester (Shotwick)	1027.8	-3	W	4	o⊕	59	65	8	-	-	0	CiSt	10	*
Spurn Head	1030.8	+1	NE	3	c	54	92	6	-	-	0	CiSt	7	*
Nottingham	1028.7	*	E	2	bc-	62	55	7	-	-	0	CiSt	5	*
Cranwell	1029.0	-2	E	1	bc	63	65	8	4000	Cu	2	ASt	6	*
Gorleston	1029.5	+1	ENE	3	bc+	53	75	7	-	-	0	CiSt	5	*
Valencia (Cahirciveen)	1027.0	+2	S	5	b-	64	75	8	-	-	0	ASt	1	*
Roches Point	1027.9	-3	ESE	3	c	53	92	2	<150	St	6	Ci	8	*
Pembroke (St. Ann's H.)	1029.1	-2	S	2	bc+	54	85	7	-	-	0	ASt	6	*
Ross-on-Wye	1027.3	-4	SW'W	1	c+	70	55	7	-	-	0	CiCu	8	*
Benson	1027.6	-2	Calm	0	b	72	55	7	-	-	0	CiSt	3	*
S. Farnborough	1027.9	-3	W	2	bc-	76	45	7	-	-	0	Ci	7	*
London (Kew Obsy.)	1028.1	-3	Calm	0	bc⊛	70	55	6	-	-	0	Ci	6	*
Croydon	1027.9	-3	NNW	2	o	71	45	6	-	-	0	CiCu	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1029.6	-2	ENE	2	bc/f	58	65	7	-	-	0	ASt	5	*
Grain	1029.1	-2	ENE	3	bc	57	75	7	-	-	0	Ci	4	*
Lympne	1028.5	-2	E	4	c	59	85	8	4000	Cu	1	ACu	8	*
Scilly (St. Mary's)	1029.2	0	SW	2	b	61	75	7	-	-	0	aCu	3	*
Falmouth (Pendennis)	1029.3	-2	SW	3	c+	69	75	8	-	-	0	ASt	7	*
Plymouth (Cattewater)	1029.3	-1	S	3	bc-	58	85	8	4000	StCu	6	-	6	*
Portland Bill	1030.3	0	W	1	b.	56	85	7	-	-	0	CiCu	1	*
Southampton (Calshot)	1028.5	-3	SW'S	3	bc	69	75	7	-	-	0	CiCu	5	*
Dungeness	1028.8	0	NE	2	bc+	56	85	7	-	-	0	ACu	6	*
Jersey (7h) / Guernsey (7h)	1030.1	0	NNW	2	c	72	45	7	-	-	0	CiSt	7	*

Observations at 1800 G.M.T. 9

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1024.3	-3	WNW	4	c-	40	65	7	4000	CuNb	7	-	7	3
Stornoway	1027.8	-3	N	2	c-	47	75	6	4000	Nb	7	-	7	2
Wick	1026.5	-4	NNW	2	o	46	65	8	5750	StCu	10	-	10	0
Castlebay	1028.4	-2	NW	3	b	47	75	8	2500	Cu	2	-	2	2
Nairn	1026.1	*	ENE	2	c	49	65	8	1500	StCu	7	-	7	*
Aberdeen	1028.3	-2	E'S	2	o	43	75	8	4000	StCu	9	-	9	0
Malin Head	1027.5	-2	NW	2	b	48	92	8	4000	Cu	3	-	3	1
Renfrew	1025.5	-4	WNW	1	bc-	57	65	7	-	-	0	ACu	4	*
Edinburgh (Inchkeith)	1026.5	-2	E	1	bc	47	75	8	-	-	0	Ci	4	3
Eskdalemuir	1025.3	-2	SE	3	c+	53	65	7	4000	StCu	5	ACu	8	*
Tynemouth	1028.4	-1	SE	2	b	45	85	8	4000	CuNb	2	CiCu	3	0
Blacksod Point	1024.8	-2	N'E	3	o	56	85	7	-	StCu	10	-	10	3
Donaghadee	1026.1	-4	NNE	2	c+	48	85	8	5750	StCu	4	ACu	8	0
Birr Castle	1024.2	*	W	2	c	66	85	7	-	-	0	CiCu	8	*
Collinstown	1026.4	-3	E	3	o	49	85	8	4000	StCu	7	ASt	10	*
Holyhead	1025.1	-4	NNE	1	o-	51	85	8	-	-	0	ACu	9	1
Liverpool (Bidston)	1024.6	-3	NNW	1	bc	55	75	7	-	-	0	ASt	3	1
Chester (Shotwick)	1023.7	-5	NW	3	c	55	75	6	-	-	0	ACu	8	*
Spurn Head	1027.1	-3	ENE	4	c	47	85	7	4000	StCu	8	-	8	4
Nottingham	1025.1	*	ESE	3	o+	58	75	7	1500	StCu	5	ACu	9	*
Cranwell	1026.5	-2	E'N	4	o.	51	75	8	4000	StCu	6	ASt	10	*
Gorleston	1027.0	-2	E	4	cjp	47	85	7	4000	CuNb	2	CiSt	8	0
Valencia (Cahirciveen)	1026.5	-1	WSW	2	fo-	53	97	~~X~~ 2	<150	St	10	-	10	0
Roches Point	1024.7	-4	SE	2	b-	52	92	7	-	-	0	-	0	1
Pembroke (St. Ann's H.)	1025.8	-3	SSW	1	bc	55	85	7	-	-	0	ASt	6	2
Ross-on-Wye	1023.2	-5	W'S	4	bc-	72	45	8	-	-	0	CiCu	5	*
Benson	1024.4	-4	W	1	bc-	71	55	7	-	-	0	CiSt	4	*
S. Farnborough	1024.5	-3	SW	3	o	71	55	7	-	-	0	Ci	9	*
London (Kew Obsy.)	1024.5	-6	E	3	b	67	65	6	-	-	0	Ci	1	*
Croydon	1025.2	-3	S	2	o+	66	55	6	-	-	0	CiSt	9	*
Clacton-on-Sea	1027.2	-2	ESE	3	c+	51	85	7	-	-	0	ASt	7	0
Shoeburyness	1027.0	-3	ENE	3	c+	52	75	7	5750	StCu	4	CiSt	7	*
Grain	1026.1	-4	E	3	c	54	85	7	-	-	0	CiSt	8	0
Lympne	1026.5	-2	E	3	o	56	75	7	-	-	0	CiSt	10	
Scilly (St. Mary's)	1027.0	-2	SW'W	2	b	61	65	8	-	-	0	-	0	1
Falmouth (Pendennis)	1027.6	-2	SW	2	b-	70	65	7	-	-	0	Ci	1	0
Plymouth (Cattewater)	1027.3	-4	SSW	3	b	60	65	8	4000	St	2	-	2	0
Portland Bill	1026.3	-4	W	2	b+	56	85	7	-	-	0	ACu	3	0
Southampton (Calshot)	1025.5	-2	SW	4	o+	59	65	7	-	-	0	CiSt	9	0
Dungeness	1026.4	-2	NE	3	c/d	52	97	7	-	-	0	CiCu	7	3
Jersey (7h) / Guernsey (7h)	1026.8	-1	NW	2	o	72	35	7	-	-	0	CiSt	10	0

London Observations. 24 Hours ended 0900 G.M.T. 10 (Sunshine: Yesterday; Humidity 9h.: To-day)

London Observations	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	bczy	ozcbz	bcmom	*	*	45	-	-	10.5	*	*
Croydon (24 hours ended 0700)	bczoy	obcozy	oczof	*	*	43	-	-	9.3		
Greenwich (Royal Obsy.)	cbcz	obcz	obo	72	47	38	-	-	10.2	68	76
City (Bunhill Row)	*	*	*	*	*	*	*	*	6.2	*	*
Westminster (St. James' Pk.)	*	*	*	73	49	46	-	-	?	78	76
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	8.3	*	*
Camden Square	b	b	*	81	47	45	-	-			77
Kensington Palace	bcz	oz	*	76	48	44	-	-	*	65 (18h)	79
Hampstead Observatory	*	*	*	72	45	41	-	-	10.0	*	80

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1600 G.M.T. 9

	Max.	Time	Min.	Time
South Kensington	-	-	-	-
Kew Observatory	0.5	9th 6h	<0.3	8th 22h

Solar Radiation. Vertical component per square centimetre. During yesterday. South Kensington.
Total .... joules
Average Rate .... Milliwatts.
Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy. Exposure from 9 20h 45m to 10 3h 15m.

Stars	Exposure h. m.	Record h. m.	%
Polaris	6.30	4.5	63
δ Ursae Minoris	6.30	3.54	60

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 May 1922.

Stations	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.8 4.6	11.49 11.49	7.30 7.32
Greenwich	4.19 4.17	11.56 11.56	7.33 7.35
Wick	4.0 3.57	12.8 12.8	8.16 8.19
Valencia	4.58 4.56	12.37 12.37	8.16 8.18

Beaufort Notation of Weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

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

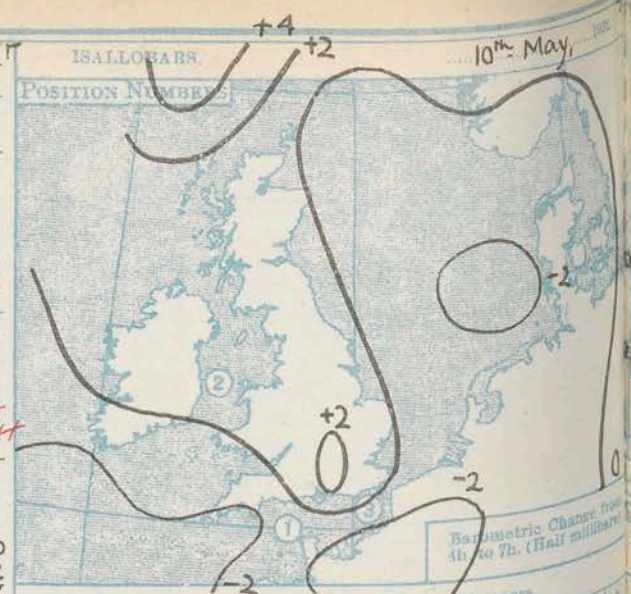
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9h	13h.-18h. 9h	18h. 9h to 1h 10h	1h.-7h. 10h	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	00	00	h.rh	b.bc	49	33		–	1	–	0800	
Stornoway	bc	p	c	c	48	40		0.4	0.3	–	–	7.2
Wick	00	00	bcph.	bcop.	40	32		–	0.4	–	2400	
Castlebay	cbc	bcb	bcb	bcb	49	42		–	–	–	–	11.9
Nairn	cbcc		cg	cg	51	37		–	–	–	–	4.0
Aberdeen	bcco	oco	c8	o8	49	41	38	–	–	–	–	3.0
Malin Head	b-bc	b-bc	b.bc	c	49	44		–	–	–	–	7.2
Renfrew	bbccz	czbc	comw		58	35	27	trace	trace	–	–	9.9
Edinburgh (Inchkeith)	b-bc	b-bc	oo	oo	53	42	40	–	–	–	–	9.9
Eskdalemuir	cbccy	bybcc	co	c	58	34	31	–	–	–	–	~~9.0~~ 8.4
Tynemouth	bc	b-bc	c o	o.om	53	42	41	–	–	–	–	
Blacksod Point	c	oo	oo	oo	63	42		–	–	–	–	
Donaghadee	bc	c	bc	bc	51	44		–	–	–	–	
Birr Castle	co	co	copr	co	76	47	46	–	0.4	–	–	10.0
Collinstown	oo	oo	beco	boo	54	42	36	–	–	–	–	2.2
Holyhead	coo	oo	oco	oo	57	46	45	–	–	–	–	4.8
Liverpool (Bidston)	com	bcm	om		57	47	44	–	–	–	–	3.8
Chester (Shotwick)	oo	oc	cbc	bcoo	61	44	38	–	–	–	–	
Spurn Head	c	c	c	c	55	44		–	–	–	–	7.2
Nottingham	c	c	c	oo	65	45	44	–	–	–	–	3.5
Cranwell	ombcc	bcco	oo	oo	63	44	43	–	–	–	–	9.2
Gorleston	cbc	bcc	oir.v	oo	64	44	43	–	trace	–	2400	9.1
Valencia (Cahirciveen)	bbeb	bbcoif	eF	om	69	48	44	–	–	–	–	10.4
Roches Point	oFFc	FFb	bw	bo	55	50		–	trace	–	–	
Pembroke (St. Ann's H.)	c	c	bbc	off bc	57	46		–	–	–	–	9.1
Ross-on-Wye	bcc	cybbey	cybcvc	co	73	47	43	–	–	–	–	10.5
Benson	b	bc	bc	bco	76	45	37	–	–	–	–	
S. Farnborough	obcy	bccozzy	obcomd	omodm	78	46	36	–	–	–	–	10.8
London (Kew Obsy.)	bczy	ozcbz	bcmcm	cmom	74	48	45	–	–	–	–	10.5
Croydon	bczoy	obcozy	oczy	cofm	73	46	43	–	–	–	–	9.3
Clacton-on-Sea	bccz		czofo	o	61	47	46	–	trace	–	0800	8.9
Shoeburyness	bc	bbcc	c	o	63	46	45	–	–	–	–	9.3
Grain	b-bc	bccoc	o	o	62	48	46	–	–	–	–	9.8
Lympne	bbccm	c	oo	F	63	44	39	–	–	–	–	8.0
Scilly (St. Mary's)	bc	b	b	b	66	51		–	–	–	–	12.2
Falmouth (Pendennis)	bcc	cbz	bcb	bz	71	52		–	–	–	–	11.6
Plymouth (Cattewater)	c	c	b	bbc	64	52	41	–	–	–	–	11.3
Portland Bill	bbc	bc	bc	bcb	63	50		–	–	–	–	
Southampton (Calshot)	c	c	c	c	70	50	47	–	–	–	–	11.3
Dungeness	b-bc	c	c	c	64	47		–	–	–	–	
Jersey 7h	bbc	co	b	b	74	52		–	–	–	–	12.5
Guernsey 1h												



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	9th 1000	Hibernia	SSE	2	ov	49	50
1	9th 1300	Reindeer	SW	2	b	59	51
3	10 0300	Brighton	W	2	bcv	52	50

GENERAL INFERENCE.

Pressure remains high over the British Isles but the distribution is becoming irregular. Fair quiet weather is likely generally with however an increasing tendency for the development of thundery conditions. More cloud is likely over England than of late with a lower day temperature.

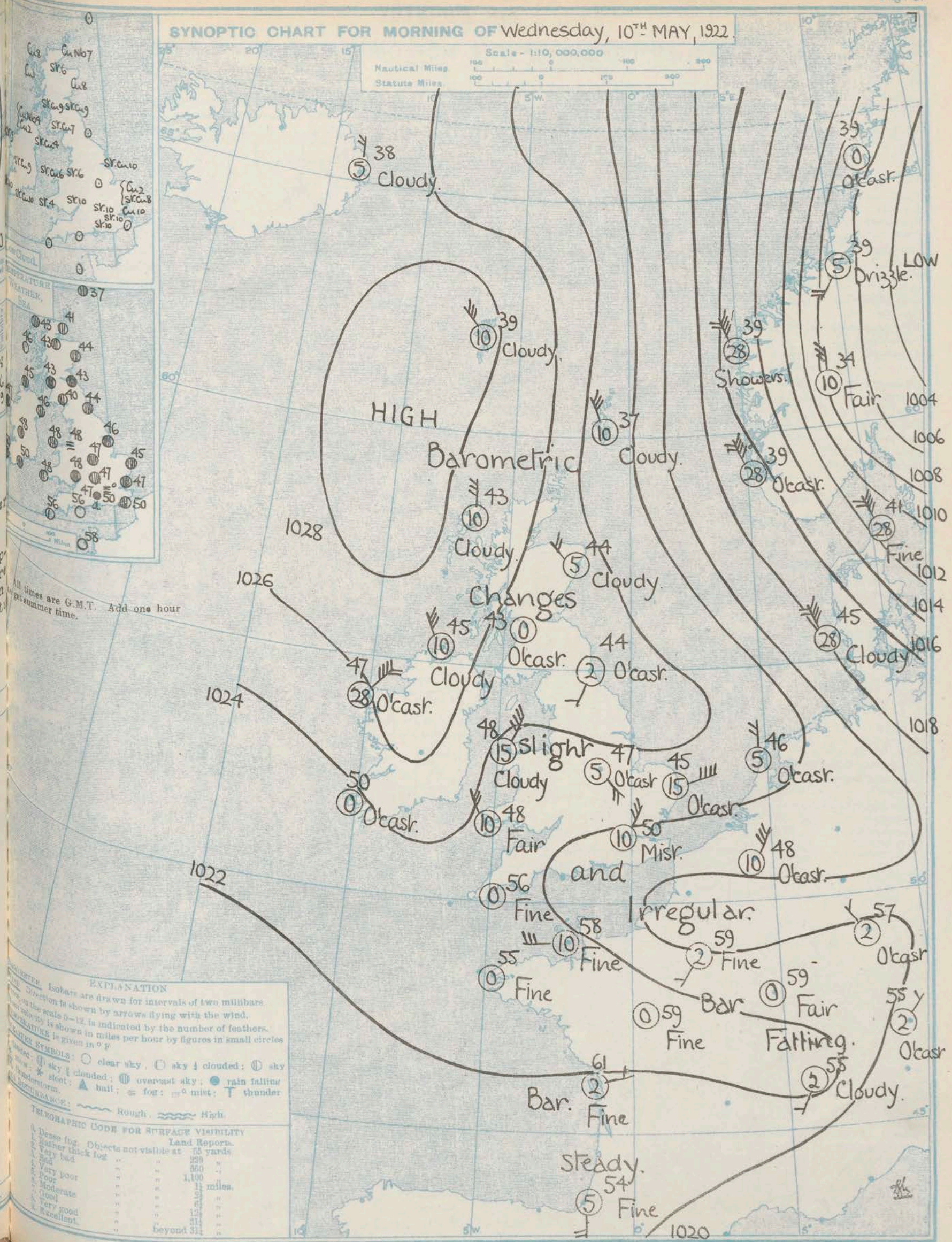
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 10th May, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light or moderate winds mainly from an easterly point; fair or cloudy, tendency for thunder; visibility moderate; day temperature lower than of late.	
4. 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	Light variable winds; fair or cloudy, increasing tendency for thunder; visibility moderate; moderate temperature.	Increasing tendency for the development of thundery conditions.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light northerly winds; fair or cloudy; visibility good; rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light variable winds; fair generally, coastal mist in places; moderate temperature.	

M.A.S.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF Wednesday, 10TH MAY, 1922.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Wednesday, 10th MAY ... 1922. No. 130

Observations at 0100 G.M.T. 10

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1023.3	0	WNW	3	bc/rh	37	75	7	4000	CuNb	2	ACu	4	.
Stornoway	1028.4	0	-	0	0	.	.	5	.	.	.	.	.	.
Wick	1024.7	-3	WNW	1	b.ph	38	92	9	4000	Nb	2	Ci	3	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	1027.8	0	NW	3	bc+	45	92	7	4000	Cu	5	-	5	.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1025.5	-1	ESE	1	0	43	85	8	-	StCu	10	-	10	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1025.9	-2	SSE	2	0	43	92	7	4000	StCu	10	-	10	.
Blacksod Point ...	1024.5	+1	NE	6	0	49	85	5	-	StCu	10	-	10	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1025.6	0	N	1	0+	46	97	7	1500	StCu	10	-	10	.
Holyhead	1023.7	-1	-	0	0	.	.	8	-	-	0	ACu	9	.
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1025.3	-1	E	4	0	45	85	8	4000	StCu	9	-	9	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1024.3	-2	ENE	4	0	46	85	8	4000	St	4	AStr	10	.
Gorleston	1024.4	-1	ESE	4	0	46	85	8	4000	Nb	7	AStr	10	.
Valencia (Cahirciveen)	1025.2	-1	NE	1	Fo+	48	97	0	450	St	10	-	10	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	1028.3	-2	NW	1	mb	49	97	6	-	-	0	-	0	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	.	.	.	.	.	54	.	.	.	.	.	.	.	.
Croydon	1021.5	-4	-	0	C	59	85	7	7250	StCu	6	Ci	8	.
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1021.9	-4	SSE	4	C	49	92	7	-	-	0	ACu	8	.
Scilly (St. Mary's) ...	1024.9	-1	W	3	b	55	75	8	-	-	0	-	0	.
Falmouth (Pendennis)	1024.2	-1	N	4	b-	57	85	8	-	-	0	-	0	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill ...	1023.8	-1	N	2	b	53	85	7	-	-	0	ACu	3	.
Southampton (Calshot)	1022.2	-5	N	2	C	52	85	7	-	-	0	CCu	7	.
Dungeness	1021.8	-4	S	1	C+	50	97	7	-	-	0	ACu	8	.
Jersey (7h)	1023.9	-2	N	4	b	62	45	8	-	-	0	-	0	.
Guernsey (1h)														

Observations at 0700 G.M.T. 10th

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1022.7	-1	NNW	3	C+	37	65	7	-	-	0	ACu	8	2
Stornoway	1026.3	0	N	3	C	43	85	6	4000	Cu	8	-	8	1
Wick	1024.3	-1	N	2	C/f	41	85	8	5750	CuNb	7	AStr	7	0
Castlebay	1027.0	0	NNW	3	b	46	75	8	2700	Cu	1	-	8	0
Nairn	1025.2	.	-	0	bc	43	75	8	1500	St	6	-	8	.
Aberdeen	1025.2	0	WNW	2	C	44	75	8	4000	Cu	5			1
Malin Head	1026.1	-3	NW	3	bc+	45	92	8	4000	CuNb	6	-	6	.
Renfrew	1025.1	0	-	0	0-	43	85	5	2500	StCu	9	-	9	1
Edinburgh (Inchkeith)	1024.2	0	NE	1	0	43	75	8	-	StCu	5	-	7	0
Eskdalemuir	1024.7	0	NE	2	C	40	83	7	4000	StCu	7	-	10	0
Tynemouth	1024.8	0	SSW	1	0	44	85	6	-	-	0	AStr		
Blacksod Point ...	1025.0	+1	NE	6	0	47	75	9	-	Sr	9	-	9	3
Donaghadee	1024.2	0	NNW	1	C-	46	85	8	5750	StCu	4	ACu	7	.
Birr Castle	1026.1	.	NE	2	0+	48	83	6	4000	StCu	9	-	9	.
Collinstown	1025.4	0	W'N	1	0	45	85	8	1500	StCu	10	-	10	.
Holyhead	1023.0	0	NNE	4	C-	46	92	7	4000	StCu	6	AStr	8	3
Liverpool (Bidston) ...	1023.1	0	ESE	2	mo-	48	85	4	2500	Sr	6	AStr	10	-
Chester (Shotwick) ...	1022.4	0	SSE	2	0	48	75	7	1500	Sr	10	-		
Spurn Head	1024.9	-1	E	4	0	46	85	8	4000	StCu	10	-	10	4
Nottingham	1023.6	.	ESE	2	0+	47	75	7	-	-	0	AStr	10	.
Cranwell	1024.4	0	ENE	3	0	45	85	8	4000	StCu	10	-	10	.
Gorleston	1023.4	-1	ENE	4	0	45	75	7	4000	StCu	10	-	10	1
Valencia (Cahirciveen)	1023.7	-2	-	0	0	50	97	6	450	St	10	-	10	0
Roches Point	1023.6	0	N	2	0	50	92	8	2500	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1022.6	0	NNW	3	bc/f	48	92	7	1500	St	4	-	10	4
Ross-on-Wye	1022.5	+1	NE	2	C	48	85	6	1500	St	10	-	10	.
Benson	1022.4	+2	NNE	2	0	47	92	7	-	St	10	-	10	.
S. Farnborough ...	1021.2	+2	N	1	od	47	97	4	800	St	10	-	10	.
London (Kew Obsy.) ...	1022.0	+3	NE	3	mmo	50	85	5	4000	St	10	-		
Croydon	1021.6	+1	NE	4	mo-	48	85	6	800	St	10	-	10	1
Clacton-on-Sea ...	1022.1	0	NE	4	0	47	85	7	1500	Cu	10	-	10	.
Shoeburyness	1022.4	0	NE	5	0	48	75	7	1500	StCu	10	-	10	3
Grain	1021.7	0	E	6	0	49	85	8	2500	StCu	10	-	10	.
Lympne	1020.7	+1	NE	4	0/f	47	92	6	1500	St	10	-		
Scilly (St. Mary's) ...	1023.3	-1	NW1W	2	b	55 92	92	7	-	-	0	-	0	1
Falmouth (Pendennis)	1022.7	-2	-	0	b	56	85	7	-	-	0	ACu	2	0
Plymouth (Cattewater)	1021.7	-3	NNW	1	b	56	85	8	-	-	0	-	0	0
Portland Bill ...	1021.0	0	-	0	b-	56	85	6	-	-	0	-	0	0
Southampton (Calshot)	1021.1	0	N	4	C	52	85	6	4000	StCu	2	Ci	7	3
Dungeness	1020.2	0	NE	4	C	50	92	6	-	-	0	CCu	0	2
Jersey (7h)	1022.2	-1	N	3	b	58	75	8	-	-	0	-		
Guernsey (1h)														

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

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 8-9 °F	Temperature. Max. Day. 9 °F	Rainfall.† Night 17h.-9h. 8-9 mm.	Rainfall.† Day 9h.-17h. 9 mm.	Sunshine. Sunrise to 17h. 9 hr.	Sunshine. Sunrise to Sunset. 8 hr
Banff ...	cbc	bc	42	47	-	-	5.6	5.0
Montrose	gc	c	40	49	-	-	2.6	9.3
Llandudno	c	c	49	53	-	-	2.7	11.5
Colwyn Bay ...	bc	bc	50?	58			4.0	13.2
Rhyl	cbc	bcc	48	56	-	-	3.1	14.1
Southport	ocbc	bcc	48	57			3.5	12.4
Blackpool	c	o	47	56	-	-	2.9	12.6
Harrogate	b	b	44	60	-	-	6.3	7.0
Skegness	b	bbco	43	52	-	-	5.0	11.1
Aberystwyth ...	ocb	bbc	47	60	-	-	8.0	12.5
Bath	bbcz	bbcz	48	75	-	-	9.2	12.2
Leamington Spa ...	b	b	50	73	-	-	9.3	10.7
Lowestoft	ocbc	bcc	49	52	-	-	7.8	12.0
Felixstowe	bcz	oz	49	56	-	-	9.9	12.2
Southend	bcb	bcc	52	62	-	-	9.4	11.4

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 8-9 °F	Temperature. Max. Day. 9 °F	Rainfall.† Night 17h.-9h. 8-9 mm.	Rainfall.† Day 9h.-17h. 9 mm.	Sunshine. Sunrise to 17h. 9 hr.	Sunshine. Sunrise to Sunset. 8 hr
Paignton ...	bz	bz	48	75			10.9	12.9
Ilfracombe ...	b	b	40	67	-	-	10.1	13.2
Bude	bz	b	45	66	-	-	9.6	12.6
Penzance ...	b	p	48	73	-	-	10.4	12.4
Falmouth Observatory	o	b	49	74	-	-	10.5	13.1
Torquay	b	b	52	75	-	-	10.7	13.2
Weymouth	cbc	bcz	48	71	-	-	9.6	12.5
Bournemouth ...	b	b	49	73	-	-	11.3	12.7
Portsmouth (S'thea)	b	b	52	71	-	-	11.1	13.2
Worthing	b	bbc	50?	70	-	-	8.6	12.9
Brighton	bc	bcc	52	65	-	-	9.0	12.6
Eastbourne ...	bc	bcc	54	66	-	-	9.1	12.5
Hastings	bbc	bcco	57	68	-	-	8.4	12.5
Folkestone	bcb	bcc	56	75	-	-	8.1	12.1
Tunbridge Wells ...	bbcb	bbc	50	73	-	-	8.7	12.3
Ramsgate	b	b	50	65	-	-	8.1	12.3
Margate	b	bc	53	59	-	-	8.6	11.3
Deal	b	bco	52	74	-	-	7.7	12.5

* 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.22085 THURSDAY, 11TH MAY 1922.

Observations at 1300 G.M.T. 10th

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	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1021·5	-1	NW	4	c	42	65	7	4000	CuNb	7	-	7	·
Stornoway	1025·9	0	NE	3	0+	46	65	6	800	St	9		9	·
Wick	1024·0	0	NW	3	0	45	65	8	4000	StCu	7	CiSt	9	·
Castlebay	1025·5	0	NW	3	cpr₀	47	75	7	800	Nb	8	-	8	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1024·7	-1	ENE	2	0+	46	75	8	4000	Cu	10	-	10	·
Malin Head	1024·8	-1	NNW	2	b	48	92	8	4000	StCu	3	-	3	·
Renfrew	1023·9	-1	NE	2	0+	53	65	6	4000	StCu	10	-	10	·
Edinburgh (Inchkeith)	1024·4	-1	ESE	1	0	47	65	8	-	StCu	10	-	10	·
Eskdalemuir	1023·3	-1	ENE	3	0	49	65	7	4000	StCu	9	-	9	·
Tynemouth	1024·4	+1	SE	1	0	46	85	7	-	-	0	ASt	10	·
Blacksod Point	1024·9	+1	NE	5	c	50	75	9	-	Cu	6	CiCu	8	·
Donaghadee	1023·4	-1	NNE	2	b	51	75	8	-		0	-	0	·
Birr Castle	1023·1	·	NE	1	c-	57	85	8	4000	Cu	6	-	6	·
Collinstown	1024·2	-2	NE	2	c	53	85	8	2500	Cu	5	CiSt	7	·
Holyhead	1022·3	-1	N	3	c	50	85	7	-	-	0	CiSt	8	·
Liverpool (Bidston)	1021·5	-2	SE/E	2	bc	56	65	6	2500	Cu	5	-	5	·
Chester (Shotwick)	1021·1	-1	SSE	2	c	57	65	7	4000	Cu	3	CiCu	8	·
Spurn Head	1024·4	-0	E	3	0	54	65	7	4000	StCu	6	ACu	9	·
Nottingham	1022·9	·	ESE	2	0-	54	65	7	800	CuNb	5	CiSt	9	·
Cranwell	1023·8	-1	ENE	3	c	53	75	8	4000	Cu	6	CiSt	8	·
Gorleston	1022·7	-1	ENE	4	b	49	65	7	-	-	0	ACu	3	·
Valencia (Cahirciveen)	1022·2	-2	W/N	2	0	53	92	7	800	St	10	-	10	·
Roches Point	1022·7	-1	SE	2	bc	54	85	7	800	StCu	4	-	4	·
Pembroke (St. Ann's H.)	1021·7	-1	NNW	4	bc	59	75	7	1500	St	4	-	4	·
Ross-on-Wye	1021·5	-2	NE/E	2	0	55	75	7	5750	StCu	10	-	10	·
Benson	1021·7	-1	E	1	0	56	75	7	-	StCu	10	-	10	·
S. Farnborough	10212 ~~1022·2~~	-1	ESE	2	0-	57	65	6	-	-	0	ASt	9	·
London (Kew Obsy.)	1022·1	-1	ENE	3	0-	54	65	6	4000	St	10	-	10	·
Croydon	1021·9	-1	E/N	3	0-	53	75	7	2500	StCu	7	ASt	9	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1022·9	+1	NE	2	0	49	75	8	2500	StCu	10	-	10	·
Grain	1022·5	0	ENE	4	0	49	75	8	1500	StCu	10		10	·
Lympne	1021·1	0	ENE	5	0	52	85	8	2500	Cu	2	ASt	10	·
Scilly (St. Mary's)	1020·9	-1	NE	2	b-	61	75	6	1500	SV	10	-	10	·
Falmouth (Pendennis)	1020·9	-2	-	0	b	65	75	7	-	-	0	CiCu	2	·
Plymouth (Cattewater)	1020·2	-2	S	4	b	59	92	7	-	-	0	-	0	·
Portland Bill	1021·7	+2	E	2	b	57	85	6	-	-	0	CiCu	3	·
Southampton (Calshot)	1021·5	0	E	3	0	56	75	6	2500	St	10	-	10	·
Dungeness	1021·5	+1	ENE	4	0+	53	85	8	-	-	0	CiSt	10	·
Jersey 7h / Guernsey 1h	1021·3	-1	NW	3	b	68	45	8	-	-	0	-	0	·

Observations at 1800 G.M.T. 10

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1020·6	-3	NNW	4	0r	39	65	7	4000	StCu	4	ASt	9	3
Stornoway	1024·3	-2	NE	3	c-	47	65	6	4000	Nb	7	-	7	2
Wick	1022·4	-2	NNW	2	c-	44	75	8	3750	StCu	4	CiSt	7	0
Castlebay	1023·8	-2	NNW	4	bc-	47	85	7	1500	StCu	3	ASt	6	3
Nairn	1023·0	·	-	0	c	46	65	8	1500	St	8	-	8	·
Aberdeen	1023·0	-2	NNW	2	bc-	46	65	8	4000	StCu	4	-	4	0
Malin Head	1022·6	-2	N	2	bc+	47	92	8	4000	Cu	5	-	5	1
Renfrew	1021·8	-2	-	0	0	52	65	6	4000	StCu	10	-	10	·
Edinburgh (Inchkeith)	1022·1	-3	E	2	0	45	75	8	-	StCu	10	-	10	3
Eskdalemuir	1021·9	-2	ENE	3	0	46	65	8	4000	StCu	10	-	10	·
Tynemouth	1023·0	-2	ENE	2	0	45	85	7	4000	StCu	10	-	10	2
Blacksod Point	1022·7	-2	N	5	bc	48	65	9	-	Cu	3	ACu	6	6
Donaghadee	1021·4	-2	NNE	1	b	49	75	8	-	-	0	CiCu	3	1
Birr Castle	1020·3	·	NE	1	bc	59	75	8	4000	StCu	6		6	·
Collinstown	1021·4	-3	NNE	3	c	53	75	6	-	·	0	ASt	8	·
Holyhead	1020·1	-3	N	3	c	49	85	7	-	-	0	ASt	7	3
Liverpool (Bidston)	1019·3	-2	SE	1	c	56	65	6	2500	St	7	-	7	1
Chester (Shotwick)	1018·6	-3	SSE	1	c	55	75	5	-	-	0	ACu	8	·
Spurn Head	1022·3	-2	ESE	3	bc	47	85	8	4000	St	2	ACu	4	3
Nottingham	1020·5	·	ESE	2	bc	53	75	7	450	St	1	CiCu	6	·
Cranwell	1021·7	-3	E	3	c+	50	75	8	4000	StCu	3	ACu	8	·
Gorleston	1022·4	0	ENE	3	b	46	75	8	-	-	0	Ci	2	0
Valencia (Cahirciveen)	1020·2	-3	W/N	2	c-	53	85	7	2500	StCu	8	-	8	0
Roches Point	1010·0	-3	-	0	bc+	53	85	8	-	-	0	ACu	4	0
Pembroke (St. Ann's H.)	1019·6	-2	NNW	4	bc	53	75	7	1500	St	6	-	6	3
Ross-on-Wye	1019·4	-3	E	2	0	57	75	6	2500	StCu	10	-	10	·
Benson	1020·2	-2	ESE	2	0	55	75	5	-	St	10	-	10	·
S. Farnborough	1020·5	-2	E	3	0m	54	75	6	-	-	0	ACu	10	·
London (Kew Obsy.)	1020·8	-3	E/N	2	0	53	65	6	4000	St	6	ACu	4	·
Croydon	1020·9	-2	ENE	3	c	50	75	7	~~5750~~	-	0	ACu	7	·
Clacton-on-Sea	1021·8	-1	ENE	3	c-	47	75	7	4000	St	3	ACu	7	0
Shoeburyness	1022·1	-1	NE	2	b	47	65	8	-	-	0	Ci	3	·
Grain	1021·6	-2	ENE	3	b	47	75	8	2500	StCu	1	CiSt	5	3
Lympne	1020·7	-1	NE	4	bc-	48	85	8	4000	StCu	2	CiCu	6	·
Scilly (St. Mary's)	1019·1	-2	NE/E	2	b	57	85	7	-	-	0	-	0	1
Falmouth (Pendennis)	1018·6	-6	NNE	2	b	63	65	7	-	-	0	CiSt	2	0
Plymouth (Cattewater)	1018·7	-3	SE	2	b	57	85	8	-	-	0	-	0	0
Portland Bill	1021·7	0	ESE	4	bc+	54	85	7	-	-	0	ACu	6	2
Southampton (Calshot)	1019·9	-2	SE/S	3	bc-	53	75	7	-	-	0	ACu	5	0
Dungeness	1020·2	-1	ENE	4	b	48	85	8	-	-	-	CiCu	3	4
Jersey 7h / Guernsey 1h	1019·5	-1	WNW	3	b	59	85	8	-	-	0	-	0	0

London Observations	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. 11th								Yesterday.		To-day.
Kew	om·o2	o2	o·c·oom	·	·	41	-	-	0·1	·	·
Croydon {24 hours ended 0700	om	o·c	c·o	·	·	38	-	-	4·0	·	·
Greenwich (Royal Obsy.)	o	o	o·c·o	56	41	36	-	-	0·7	70	71
City (Bunhill Row)	·	·	·	·	·	·	·	·	0·3	·	·
Westminster (St. James' Pk.)	·	·	·	56	45	41	-	-	0·9	90	66
Regent's Pk. (Botanic Gdns.)	·	·	·	·	·	·	·	·	0·6	·	·
Camden Square	od	o	·	59	43	43	-	-	·	·	72
Kensington Palace	o	o	·	55	44	40	-	-	·	69 (18h)	73
Hampstead Observatory	·	·	·	52	41	34	-	-	0·4	·	74

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington				
Kew Observatory	0·8 0·6	2000 9th 0900 10th	<0·3	0400 10th

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 10th 20 h. 45 m. to 11th 3 h. 16 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6 30	4 52	75
δ Ursae Minoris	6 30	3 59	61

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.

11th & 12th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4 6 4 4	11 49 11 49	7 32 7 34
Greenwich	4.17 4.15	11.56 11.56	7.35 7.37
Wick	3.57 3.54	12 8 12 9	8 19 8 22
Valencia	4 56 4 54	12 37 12 37	8 18 8 20

Beaufort Notation of Weather.

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

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

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

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

Sea Disturbance.

0=no swell, 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

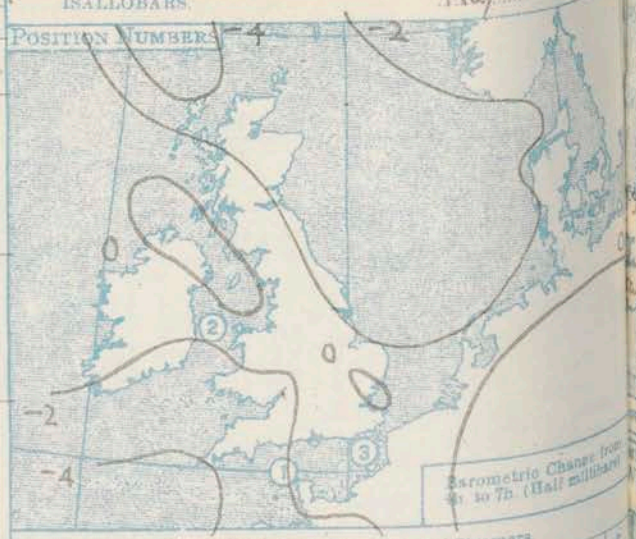
For explanation see Introduction. * Information for these columns not usually received. † The barometric change is expressed in half millibars. § For code see page 5.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10ᵐ	13h.-18h. 10ᵐ	18h. 10ᵐ to 1h. 11ᵐ	1h.-7h. 11ᵐ	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	borbc	borbc	c	p	44	35	*	–	trace	–	0430	*
Stornoway	bc	bc	c	p	47	40	*	–	1	–	–	3.9
Wick	0	0	c o1r	c	47	35	*	–	0.1	–	2200	*
Castlebay	bop	o pc	c.o	o	47	43	*	–	–	–	–	5.5
Nairn	c	cdg	og.o	cgd	49	37		02	0.4	11.00	–	3.3
Aberdeen	cpr	o.c.bc	bc	bc	49	37	28	01	–	09.00	–	3.6
Malin Head	borbc	borbc	borbc	borbc	49	44	*	–	–	–	–	12.5
Renfrew	oz	oz	om	om	54	43	41	Trace	trace	–	–	3.8
Edinburgh (Inchkeith)	0	0	oo	borbc	51	41	39	–	–	–	–	2.8
Eskdalemuir	cbbco	0	o.c	c	50	37	36	–	–	–	–	1.6
Tynemouth	om	0	oom	oo	48	41	37	–	–	–	–	*
Blacksod Point	borbc	borbc	oo	oo	52	41	*	–	?	–	–	*
Donaghadee	bc	bc	c	c	52	45	*	–	–	–	–	
Birr Castle	c	c0	c.o	c.o	60	42	37	–	–	–	–	9.8
Collinstown	c	c	oo	oo	55	39	30	–	–	–	–	9.6
Holyhead	c	c	c.om	o.cm	51	45	44	–	–	–	–	10.1
Liverpool (Bidston)	bcam	c	m		59	43	42	–	–	–	–	6.6
Chester (Shotwick)	c	bc.cm	c.o.om	om	61	47	43	–	–	–	–	*
Spurn Head	borbc	borbc	c	c	54	44	*	–	–	–	–	8.2
Nottingham	0	c	c.o	oo	56	41	41	–	–	–	–	1.6
Cranwell	oc	c	oo	oo	54	41	39	–	–	–	–	5.5
Gorleston	ocbc	bc.bv	bv.bc	oo	50	38	36	–	–	–	–	7.3
Valencia (Cahirciveen)	0	oc	c.o	o	54	49	45	–	–	–	–	0.1
Roches Point	cmbc	bc.b.bc	bcw	bc.o	56	48		–	0.1	–	–	*
Pembroke (St. Ann's H.)	borbc	c	oo	oo	60	46		–	–	–	–	10.2
Ross-on-Wye	0	0	og.om	og	58	47	46	–	–	–	–	0.3
Benson	0	0	o	o	59	44	44	–	–	–	–	*
S. Farnborough	o oz	oc.z	om.o	oo	61	43	42	–	–	–	–	1.5
London (Kew Obsy.)	omoz	oz	o.c	oom	56	44	41	–	–	–	–	0.1
Croydon	om	o.c	c.o	c.o	55	41	38	–	–	–	–	4.0
Clacton-on-Sea	c	c	bc	bc.c.o	49	44	40	–	–	–	–	0.1
Shoeburyness	0	ob	b.bc	c.o	51	41	36	–	–	–	–	2.8
Grain	0	o.c.bc	bc.c	c.oo	50	42	40	–	–	–	–	3.0
Lympne	0	o.c.bc	bc	c	52	37	30	–	–	–	–	6.6
Scilly (St. Mary's)	b.of.b	bf.	b	Ffe	63	47		–	0.1	–	–	11.6
Falmouth (Pendennis)	bz	bz	bzfbz	bc.com	65	50		–	–	–	–	12.9
Plymouth (Cattewater)	bobc	borbc	b	oo	65	49	45	–	–	–	–	12.6
Portland Bill	bcb	bc.c	c	c	58	47		–	–	–	–	*
Southampton (Calshot)	0	c	c	c	57	45	43	–	–	–	–	4.8
Dungeness	c	c	c	c	53	44	*	–	–	–	–	*
Jersey 7h. / Guernsey 1h.	b	b	b	b	70	48	*	–	–	–	–	12.0

ISALLOBARS. May 11th 1922

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Pressure
2	10th 1000	Hibernia	N	4	bcv	48	49	

GENERAL INFERENCE.

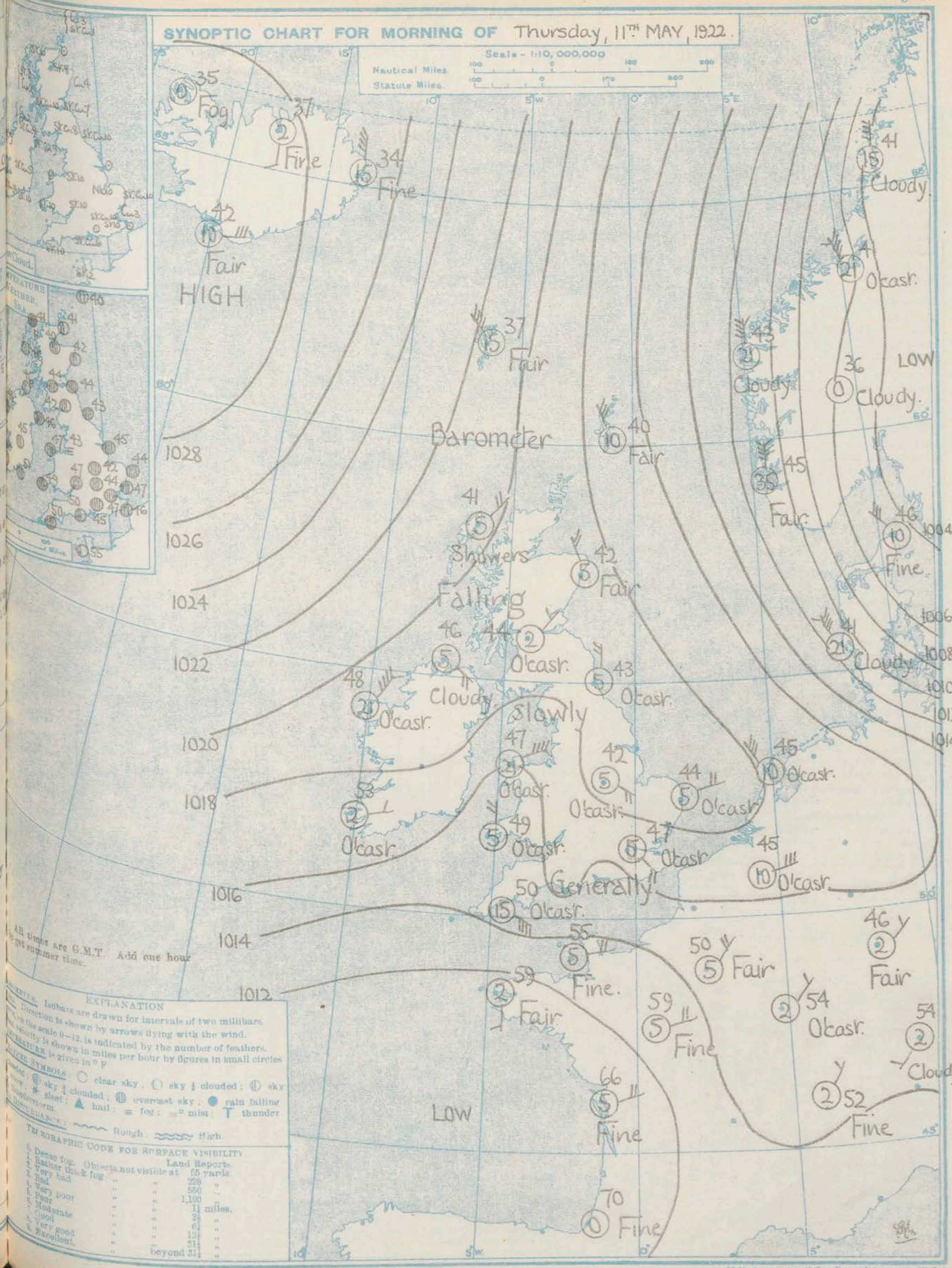
The anticyclone of the last few days has receded to a position over Iceland and pressure is becoming low to southward of these Islands. Winds will be mainly from a point between north and east with a moderate or rather low temperature. Conditions are likely to become less settled in the south with a tendency for thunder.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 11th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light or moderate easterly winds; cloudy; visibility moderate to good; moderate or rather low temperature.	Less settled in the south with a thundery tendency ---------
8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light winds between north and east; fair to cloudy; visibility moderate to good; rather cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light or moderate northerly winds; mainly cloudy, local showers; visibility moderate or good; cold.	
17. N.W. Ireland 18. N.E. Ireland	Same as 8 to 13	
19. S.E. Ireland 20. S.W. Ireland	Same as 1 to 7	

M.A.S

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Thursday 11th May ... 1922. No. 131

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018·7	-1	NNW	2	bc-	36	92	7	-	-	0	aCu	4	.
Stornoway	1023·5	-2	-	0	co	.	.	6	.	.	.	.	.	.
Wick	1021·8	-2	NNW	2	o/r	39	85	8	5750	StCu	7	CiSt	9	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	1021·2	0	N	3	bc	45	92	8	4000	Cu	4	-	4	.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1021·7	0	ESE	2	o	42	85	8	-	StCu	10	-	10	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1021·8	-2	-	0	o	43	85	6	4000	StCu	10	-	10	.
Blacksod Point ...	1020·8	-2	NNW	5	o	47	75	5	-	St	9	-	9	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1020·6	0	NW	1	o	43	97	6	-	-	0	aSt	9	.
Holyhead	1017·5	-2	NNE	3	o	.	.	6	-	-	o	aSt	9	.
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1020·7	-1	E	3	o	45	92	7	1500	St	9	-	9	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1020·6	-2	SE'S	4	o	43	75	8	4000	St	10	-	10	.
Gorleston	1021·0	-1	SE	2	o+	43	75	7	2500	StCu	10	-	10	.
Valencia (Cahirciveen)	1018·6	-2	SE	2	o+	51	92	6	-	StCu	9	-	9	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	1017·9	-1	NNE	3	o	48	85	7	1500	St	10	-	10	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.)...	.	.	.	.	.	45	.	.	.	.	.	.	.	.
Croydon	1019·9	-3	ESE	2	o	42	85	8	4000	StCu	8	aCu	10	.
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness... ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1019·7	-1	NE	4	c	41	92	8	-	StCu	2	aCu	7	.
Scilly (St. Mary's) ...	1016·9	-2	E'S	2	of	48	97	1	450	SV	10	-	10	.
Falmouth (Pendennis)	1017·2	-4	ENE	2	b/f	52	97	6	-	-	0	-	0	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	1018·0	-2	NW	3	bc	50	85	6	1500	StCu	5	-	5	.
Southampton (Calshot)	1018·9	-2	ESE	5	c	48	85	7	-	-	0	aCu	8	.
Dungeness	1019·5	-1	E	3	bc-	46	97	8	-	-	0	CiCu	6	.
Jersey ·7h }	1017·2	0	E	5	mmb	51	85	6	-	-	0	-	0	.
Guernsey 1h }														

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016·9	-2	NNW	3	bc	40	85	7	4000	Cu	4	-	4	2
Stornoway	1020·4	-4	NE	2	opr	41	92	6	450	St	10	-	10	0
Wick	1018·8	-2	NNW	2	bc-	41	75	8	-	-	0	CiSt	5	0
Castlebay	1020·3	-1	NW	3	o	46	92	8	1500	St	10	-	10	.
Nairn	1019·4	.	-	0	c+	40	92	8	1500	St	8	-	8	0
Aberdeen	1019·5	-1	NNW	2	bc	42	75	8	4000	Cu	4		4	
Malin Head	1019·4	0	ESE	2	bc-	46	97	7	4000	StCu	6	-	6	1
Renfrew	1019·3	-1	NE	1	o+	44	85	5	4000	StCu	10	-	10	.
Edinburgh (Inchkeith)	1019·5	-2	S	1	o	44	75	7	-	StCu	7	CiSt	9	1
Eskdalemuir	1019·1	-1	ENE	2	c	42	75	8	4000	StCu	8	-	8	.
Tynemouth	1019·5	-2	N	2	o	43	85	7	4000	StCu	10	-	10	1
Blacksod Point ...	1019·5	-1	NE'N	5	o	48	75	9	-	St	9	-	9	3
Donaghadee	1018·5	0	NNE	2	o-	46	85	8	5750	StCu	9	-	9	.
Birr Castle	1018·2	.	NW	1	c+	45	92	7	4000	StCu	5	aCu	8	.
Collinstown	1018·3	-2	N'W	2	c-	44	97	8	2500	St	7	-	7	.
Holyhead	1016·0	-1	ENE	5	o+	47	85	6	-	-	0	aSt	9	4
Liverpool (Bidston) ...	1016·2	0	ENE	4	fo-	43	92	3	1500	St	10	-	10	3
Chester (Shotwick) ...	1015·3	-1	E	3	o	47	85	4	2500	St	10			.
Spurn Head	1018·6	-2	-	0	o	45	92	8	-	-	0	aSt	10	2
Nottingham	1018·1	.	ESE	2	o	42	85	7	4000	ND	10	-	10	.
Cranwell	1019·3	-1	E'N	3	or	42	85	8	4000	St	10	-	10	.
Gorleston	1019·3	-2	ENE	2	o	44	75	7	-	StCu	[illegible]	-	10	0
Valencia (Cahirciveen)	1016·1	-2	E	1	o	53	75	7	4000	StCu	10	-	10	0
Roches Point	1016·1	-2	-	0	o	51	85	7	2500	St	10	-	10	2
Pembroke (St. Ann's H.)	1015·6	-2	N	2	o	49	92?	7	1500	St	10	-	10	.
Ross-on-Wye	1016·2	-2	SE'S	2	o	47	75	8	2500	St	10	-	10	.
Benson...	1017·0	-1	ESE	1	o	44	85	8	-	StCu	10	-	10	.
S. Farnborough ...	10169 ?	-1	ESE	2	o	45	75	7	-	-	0	aSt	10	.
London (Kew Obsy.)...	1017·3	-1	E'S	2	o	47	75	6	4000	St	10	-	10	
Croydon	1017·7	-2	SSE	3	o	46	75	8	4000	StCu	6	aSt	10	0
Clacton-on-Sea ...	1018·0	0	ESE	3	o+	47	75	7	800	Cu	3	aSt	10	.
Shoeburyness... ...	1018·0	-2	SSE	2	o+	46	65	8	1500	StCu	10	-	10	0
Grain	1017·8	-2	ESE	1	o	45	75	8	4000	StCu	10	-	10	.
Lympne	1017·4	-2	ESE	5	o	44	85	7	4000	StCu	10	-	10	1
Scilly (St. Mary's) ...	1014·1	-2	E	2	of	49	97	3	450	SV	10	-	10	0
Falmouth (Pendennis)	1014·5	-4	ESE	4	o+	50	92	6	4000	St	10	-	10	0
Plymouth (Cattewater)	1014·3	-3	E	3	o-	49	85	8	2500	StCu	10	-	10	4
Portland Bill	1016·7	-3	E	5	bc	50	85	7	1500	StCu	6	-	6	0
Southampton (Calshot)	1016·6	-1	E	3	o+	47	85	8	5750	StCu	10	-	10	4
Dungeness	1017·5	-2	E	4	bc	46	85	8	-	-	0	aCu	6	4
Jersey ·7h }	1013·9	-1	E	2	b	55	85	7	1500	St	2	-	2	2
Guernsey 1h }														

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 9-10 °F.	Temperature. Max. Day. 10 °F.	Rainfall.† Night 17h.-9h. 9-10 mm.	Rainfall.† Day 9h.-17h. 10 mm.	Sunshine. Sunrise to 17h. 10 hr.	Sunshine. Sunrise to Sunset. 9 hr.
Banff ...	bc.o	c	40	47	0·1	-	6·1	6·9
Montrose	0	0	39	49	-	-	0·5	2·6
Llandudno	c.b	c.b.bc	45	56	-	-	6·7	2·7
Colwyn Bay ...	bc	bc	46	57	-	-	7·6	4·1
Rhyl	c.bc	bc.c.o	46	62	-	-	7·2	3·3
Southport	o.c	c.o.c3	46	59	-	-	5·8	3·7
Blackpool	bcm	cm	45	57	-	-	4·0	2·9
Harrogate	c	c	41	53	-	-	4·4	7·0
Skegness	c.o.b	b	45	50	-	-	7·1	7·5
Aberystwyth ...	o.c.o	bc.c	49	57	Trace	-	1·0	8·3
Bath	0	o.c.bc	50	59	-	-	0·5	9·2
Leamington Spa ...	0	0	45	57	-	-	0·5	10·5
Lowestoft	o.c	c.bc	44	49	-	-	6·0	8·2
Felixstowe	o.q	bc	45	49	-	-	1·2	9·9
Southend	0	o.cbc	47	50	-	-	1·2	9·5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 9-10 °F	Temperature. Max. Day. 10 °F	Rainfall.† Night 17h.-9h. 9-10 mm	Rainfall.† Day 9h.-17h. 10 mm	Sunshine. Sunrise to 17h. 10 hr.	Sunshine. Sunrise to Sunset. 9 hr.
Paignton	b3	b3	54	63	-	-	11·5	11·5
Ilfracombe	of	o.c.bc+	49	53	-	-	3·2	11·6
Bude	f	f	50	58	-	-	0·0	11·0
Penzance	b3	b	52	67	-	-	11·1	11·8
Falmouth Observatory	b	b	53	71	-	-	11·7	12·7
Torquay	b	b	55	63	-	-	11·3	11·5
Weymouth	b.bc	bc.c	51	67	-	-	9·9	9·6
Bournemouth	c	c	52	62	-	-	7·5	11·8
Portsmouth (S'thsea)	bc	bc	51	58	-	-	5·1	11·6
Worthing	bc.c	c	49	58	-	-	4·0	8·8
Brighton	bc	bc.c	50	60	-	-	5·8	9·3
Eastbourne	o.c	bc	50	55	-	-	5·3	9·2
Hastings	0	o.c.bc	48	55	-	-	2·7	8·4
Folkestone	c.bc	c.bc.c	47	59	-	-	4·9	9·5
Tunbridge Wells ...	0	b.bc	46	56	-	-	3·8	8·7
Ramsgate	0	0	46	50	-	-	1·4	8·4
Margate	0	c.bc	47	50	-	-	0·8	8·6
Deal	0	bc	47	51	-	-	1·5	7·7

* 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.22086 Friday, 12th May 1922.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1015·1	-2	NNW	3	c	43	85	7	5750	Cu	6	-	6	*
Stornoway	1020·2	0	NE	3	c-	44	65	6	4000	Cu	6	-	6	*
Wick	1017·0	-2	NNW	3	o/r	45	75	8	2500	StCu	9	-	9	*
Castlebay	1019·4	0	NE	4	o	47	85	7	1500	St	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1017·7	-1	NNW	3	bc	48	55	8	4000	Cu	3	CiSt	5	*
Malin Head	1019·0	0	NNE	2	c	48	97	8	4000	StCu	8	-	8	*
Renfrew	1017·4	-2	-	0	o+	43	65	6	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1017·5	-2	ESE	1	o	47	75	8		Cu	9	-	9	*
Eskdalemuir	1018·0	-2	ENE	2	o	49	55	8	4000	StCu	9	-	9	*
Tynemouth	1018·1	-1	NE	2	c	49	75	8	4000	StCu	4	ACu	8	*
Blacksod Point	1018·8	-1	N'E	5	o	50	75	9	-	St	9	-	9	*
Donaghadee	1017·9	0	ENE	1	b	48	75	8	-		0	CiCu	3	*
Birr Castle	1016·2	*	NW	1	bc+	56	75	8	4000	Cu	6	-	6	*
Collinstown	1018·1	+1	NNE	4	bc-	51	85	7	2500	Cu	4	CiSt	5	*
Holyhead	1015·3	0	ENE	5	o	49	85	5	2500	St	9	-	9	*
Liverpool (Bidston)	1015·7	-1	E'N	4	o/r	43	85	4	800	St	10	-	10	*
Chester (Shotwick)	1015·0	0	ENE	4	o/r	44	92	4	800	St	10	-	10	*
Spurn Head	1017·9	-1	ENE	1	o	47	85	8	4000	Cu	2	ASt	10	*
Nottingham	1016·4	*	E	2	o	45	75	7	4000	Nb	10	-	10	*
Cranwell	1017·6	-1	NE'E	3	od₀	45	85	8	2500	St	10	-	10	*
Gorleston	1017·8	-2	E'N	3	o	47	75	7	4000	StCu	10	-	10	*
Valencia (Cahirciveen)	1015·7	0	N	4	c+	55	65	7	4000	StCu	5	ACu	7	*
Roches Point	1014·9	-1	N	2	o-	57	65	7	4000	StCu	9	-	9	*
Pembroke (St. Ann's H.)	1013·9	-3	E	2	o	52	75	7	2500	St	10	-	10	*
Ross-on-Wye	1014·2	-2	E	3	o	49	65	7	2500	StCu	6	ASt	10	*
Benson	1014·8	-1	E	3	o	49	75	5	-	St	10	-	10	*
S. Farnborough	1014·0	-2	E	2	o-	56	65	8	-	-	0	ASt	9	*
London (Kew Obsy.)	1014·8	-3	ENE	3	o/l	50	65	5	4000	St	10	-	10	*
Croydon	1015·2	-3	ENE	4	o	52	65	6	5750	StCu	9	ASt	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1016·4	0	E'S	2	o	49	65	7	4000	StCu	10	-	10	*
Grain	1015·9	-2	ENE	4	o+	48	75	8	5750	StCu	10	-	10	*
Lympne	1015·0	-3	E'S	4	c-	52	65	8	4000	Cu	2	CiSt	8	*
Scilly (St. Mary's)	1013·2	-1	ENE	1		53	85	8	800	St	10	-	10	
	~~1022·1~~	~~+3~~	~~NE~~	~~6~~	~~om~~	~~51~~	~~75~~	~~7~~	~~4000~~	~~StCu~~	~~9~~	~~-~~	~~9~~	*
Falmouth (Pendennis)	1012·9	-2	E	3	o	52	85	6	4000	St	10	-	10	*
Plymouth (Cattewater)	1011·7	-2	E	3	bc	58	75	7	4000	StCu	5	-	5	*
Portland Bill	1013·3	+1	E	5	b	52	85	6	-	-	0	CiCu	3	*
Southampton (Calshot)	1013·5	-2	SE'E	5	bc-	53	75	7	5750	StCu	1	ACu	6	*
Dungeness	1015·1	-2	ENE	4	c+	53	75	8	-	-	0	CiCu	8	*
Jersey 7h / Guernsey 1h	1011·0	-1	E	2	bc+	65	75	7	-	-	0	CiSt	4	*

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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1014·6	-1	NE	3	cpr₀	40	85	7	4000	CuNb	8	-	8	2
Stornoway	1019·2	-1	NE	3	cpr₀	42	85	6	4000	Nb	7	-	7	2
Wick	1015·8	-2	NNW	4	cpr₀	41	92	8	2500	CuNb	6	Ci	7	3
Castlebay	1018·5	-1	NNW	4	c-	45	75	7	1500	StCu	7	-	7	8 (3)
Nairn	1016·8	*	NE'N	2	bc-	46	65	8	4000	Cu	5	-	5	*
Aberdeen	1016·1	-1	NNW	3	bc	46	65	8	5750	StCu	4	-	4	0
Malin Head	1017·7	-2	NNE	3	o-	47	97	8	4000	StCu	10	-	10	1
Renfrew	1014·9	-3	-	0	o/r	51	55	6	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1015·8	-1	ESE	1	or₀r₀	44	85	9	-	Nb	10	-	10	2
Eskdalemuir	1015·4	-2	E'S	1	o	46	65	8	4000	StCu	8	ASt	2	*
Tynemouth	1016·4	-2	NE	2	bc-	48	85	8	-	-	0	CiCu	4	0
Blacksod Point	1017·9	-1	N'E	5	c-	50	75	9	<150	St	7	-	7	4
Donaghadee	1016·4	-1	NNE	1	bc	48	85	8	-	-	0	ACu	6	0
Birr Castle	1014·6	*	NW	1	o+	53	85	7	450	St	10	-	10	*
Collinstown	1016·6	-1	NNE	3	bc	49	75	7	-	-	0	ASt	4	*
Holyhead	1014·4	-1	NE'E	5	mmb	48	85	5	-	~~St~~	~~10~~	-	~~10~~	5
Liverpool (Bidston)	1014·5	-1	E	2	o	45	75	4	1500	St	10	-	10	3
Chester (Shotwick)	1014·1	-1	ENE	2	o	45	85	5	1500	St	10	-	10	*
Spurn Head	1015·2	-2	NNE	2	o	45	92	8	4000	StCu	7	-	7	2
Nottingham	1015·2	*	E	2	od₀	42	97	6	1500	Nb	10	-	10	*
Cranwell	1016·2	-1	NE'N	3	or₀r₀	41	97	7	800	Nb	10	-	10	*
Gorleston	1015·5	-2	ENE	3	o-	44	75	8	7250	StCu	10	-	10	0
Valencia (Cahirciveen)	1014·6	-1	NNE	4	bc-	55	65	7	4000	Cu	3	ACu	5	1
Roches Point	1013·6	-1	SE	1	o	52	75	6	1500	StCu	10	-	10	0
Pembroke (St. Ann's H.)	1011·9	-2	NNW	2	o	53	85	7	2500	St	10	-	10	*
Ross-on-Wye	1012·8	-1	ENE	3	o	47	85	6	1500	St	10	-	10	*
Benson	1012·7	-1	ENE	2	o	47	75	5	-	St	10	-	10	*
S. Farnborough	1012·1 ~~1011·2~~	-2	ENE	3	o	48	75	6	1500	StCu	10	-	10	*
London (Kew Obsy.)	1012·9	-3	ENE	4	o	48	65	5	4000	St	10	-	10	*
Croydon	1013·7	-1	NE'E	4	o	46	75	6	5750	StCu	7	ASt	10	
Clacton-on-Sea	1014·0	-2	ENE	3	o	48	75	7	800	CuNb	2	ASt	10	0
Shoeburyness	1013·9	-3	NE	4	o	46	65	8	4000	StCu	10	-	10	*
Grain	1013·6	-4	ENE	5	o	47	65	8	5750	St	10	-	10	3
Lympne	1012·6	-2	ENE	5	o-	46	75	8	7250	StCu	5	ACu	9	*
Scilly (St. Mary's)	1010·8	-3	NNE	2	om	52	97	8	600	St	10	-	10	1
	~~1023·6~~	~~0~~	~~N~~	~~2~~	~~o~~	~~51~~	~~75~~	~~8~~	~~600~~	~~St~~	~~3~~	~~-~~	~~3~~	~~1~~
Falmouth (Pendennis)	1010·4	-3	E	3	o	52	92	6	2500	St	10	-	10	0
Plymouth (Cattewater)	1010·2	-3	ENE	1	o	58	75	7	4000	StCu	10	-	10	0
Portland Bill	1011·4	-2	E	5	bc+	51	85	6	2500	StCu	5	-	5	4
Southampton (Calshot)	1010·8	-3	SE'S	4	o+	53	75	7	7250	StCu	9	Ci	10	4
Dungeness	1011·7	-4	E	5	c+	49	97	8	-	-	0	CiCu	7	5
Jersey 7h / Guernsey 1h	1008·9	-1	E	2	c	62	75	7	-	-	0	CiSt	8	2

London Observations

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

London Observations	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	o2	o2	ooop₀om	*	*	40	-	Trace	0·0	*	*
Croydon (24 hours ended 0700)	om2	o2	o2r₀r₀d₀	*	*	39	-	2	0·3	*	*
Greenwich (Royal Obsy.)	o	o	or₀r	50	40	39	-	0·3	0·0	64	68
City (Bunhill Row)	*	*	*	*	*	*	*	*	0·0	*	*
Westminster (St. James' Pk.)	*	*	*	52	42	40	-	-	0·0	63	62
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	*	*	63
Camden Square	og	c	*	?50	41	41	-	-	*	73(18h)	64
Kensington Palace	o	o	*	50	41	40	-	-	*		
Hampstead Observatory	*	*	*	48	39	36	-	-	0·0	*	61

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·3	1700 10th	0·5	0500 11th
0·6	1200 11th		

Kew Observatory Max.	Time.	Min.	Time.
0·5	1800 10th	0·3	0400 11th
0·8	1400 11th		

Solar Radiation. Vertical component per square centimetre.

During yesterday. South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 11th 20 h. 45 m. to 12th 3 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6·30	nil	-
δ Ursae Minoris	6·30	nil	-

Radio Disturbances (Atmospherics) at Croydon.

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom 12th + 13th May 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·4 / 4·2	11·49 / 11·49	7·34 / 7·36
Greenwich	4·15 / 4·13	11·56 / 11·56	7·37 / 7·39
Wick	3·54 / 3·52	12·8 / 12·8	8·22 / 8·25
Valencia	4·54 / 4·52	12·37 / 12·37	8·20 / 8·22

Beaufort Notation of Weather.

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

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

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

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

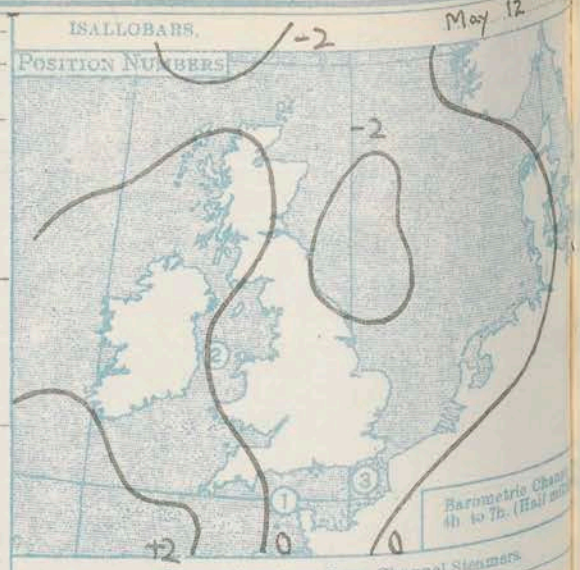
* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.–13h. 11th	WEATHER. 13h.–18h. 11th	WEATHER. 18h. 11th to 1h. 12th	WEATHER. 1h.–7h. 12th	TEMPERATURE. MAX. Day. 7h.–18h.	TEMPERATURE. MIN. Night. 18h.–7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.–18h. mm.	RAINFALL.† Night. 18h.–7h. mm.	RAINFALL.† Precipitation began.	RAINFALL.† Precipitation began.	SUN. Hours.
Lerwick	p	p	p	b or bc	45	33	•	1	0·3	<0800	<2100	•
Stornoway	bc	p	c	oo	46	35	•	1	–	–	–	6·3
Wick	kcpo	o c q	oo	oo	46	36	•	0·3	0·4	11·00	<2100	•
Castlebay	o	cpc^h	c.b.	b.o	47	39	•	Trace	–	–	–	4·5
Nairn	cf	bc	cg	cg	51	37	•	1	–	09·00	–	3·8
Aberdeen	bc	bc	bc.b	bc o pr	50	34	31	–	2	–	2400	10·1
Malin Head§	c	b or bc	b or bc	b or bc	50	42		?	–	?	–	5·1
Renfrew	c3o	o 3o	oo	oo	53	41	37	Trace	trace	14·30	?	1·9
Edinburgh (Inchkeith)	b or bc	o	oo	c	50	39	35	Trace	0·4	17·30	0630	3·5
Eskdalemuir	bcy cy	oo	o mid	op o bc	50	34	34	–	2	–	<2100	4·2
Tynemouth	c	c	cm	mpo	51	38	30	–	trace	–	0330	
Blacksod Point ...	o	p o	b or bc	b or bc	51	43		–	–	–	–	*
Donaghadee	bc c	bc	bc q	bc m	52	A1		–	–	–	–	*
Birr Castle	c o	o	c.o	bc	56	35 47 36		–	–	–	–	4·3
Collinstown	c	b or bc	bc.c.o	c	53	36	29	–	–	–	–	10·2
Holyhead	o m	off b	ff b.o m	o.o m	50	43	43	–	–	–	–	7·8
Liverpool (Bidston) ...	o dm	o o	o m		46	39	39	–	–	–	–	0·0
Chester (Shotwick) ...	o dom	o m	o.bc.b	b.off	47	29	18	0·1	trace	<0800	0230	*
Spurn Head	c	o o	c	c	47	40	*	–	–	–	–	0·0
Nottingham	p	do	do o	c	45	37	34	Trace	trace	11·00	<2100	0·0
Cranwell	r o d	do ro	oo	o.c	45	34	30	0·2	trace	<0800	<2100	0·0
Gorleston	o	o o	o.c	c	48	40	38	–	–	–	–	0·0
Valencia (Cahirciveen)	o bc c	o bc	b.bc	bc.c	57	45	43	–	–	–	–	8·8
Roches Point	o3 o	o3 q	o.c.bc	bc.b	59	43		–	–	–	–	*
Pembroke (St. Ann's H.)	o	o	oo	oo	53	42	•	–	–	–	–	1·1
Ross-on-Wye	o	oo	g d d m	o.bc.o	50	39	36	–	1	–	<2100	0·0
Benson...	o	oo	o	o.c	51	40	40	–	–	–	–	*
S. Farnborough ...	o3	o3.o q m	i r o	o r w d	58	39	39	–	2	–	2400	1·3
London (Kew Obsy.) ...	o3	o3	oo	o p a m	51	41	40	–	trace	–	–	0·0
Croydon	o hm3	o 3	o z ro ro	o ro d o m	53	40	39	–	2	–	2400	0·3
Clacton-on-Sea ...	o q	o q	o g	o d	51	42	40	–	–	–	–	0·3
Shoeburyness	c o	o	o	oo	51	41	41	–	–	–	–	1·4
Grain	o c o	oo	o i ro o	o ro r o	51	41	40	–	2	–	2400	0·6
Lympne	o	c	oo	ro ro	52	41	40	–	0·4	–	0330	5·1
Scilly (St. Mary's) ...	~~bmc~~ F from E am	~~bc~~	o m	o m	55	47	•	–	–	–	–	0·1
Falmouth (Pendennis)	o m	o m	o m	o m p r	59	46	•	–	0·3	–	0330	1·4
Plymouth (Cattewater)	c	c	o	r o r d	60	45	42	–	0·2	–	0630	5·5
Portland Bill	e bc	bc.c	c	c.o p	54	42	•	–	–	–	–	•
Southampton (Calshot)	c	c	oo	o i ro	54	43	42	–	trace	–	0530	3·2
Dungeness ...	c	c	c	r o r d	54	45	•	–	trace	–	0430	*
Jersey 7h. / Guernsey 1h.	c	c	c.o	m p o	69	48	•	–	0·4	–	0430	11·0

ISALLOBARS. POSITION NUMBERS. May 12th



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	11th 1010	Hibernia	N	4·5	cm	49	57
3	11th 0200	Dieppe	ENE	2	co	47	56
1	11th 1200	Reindeer	ENE	5	bc+	53	51

GENERAL INFERENCE.

Pressure continues high off the northwest coasts and lo over France and the Baltic regi The wind will remain between north and east, with much cloud places, and temperature generally below the normal for the time o year. Showers may occur locally especially in the east and south

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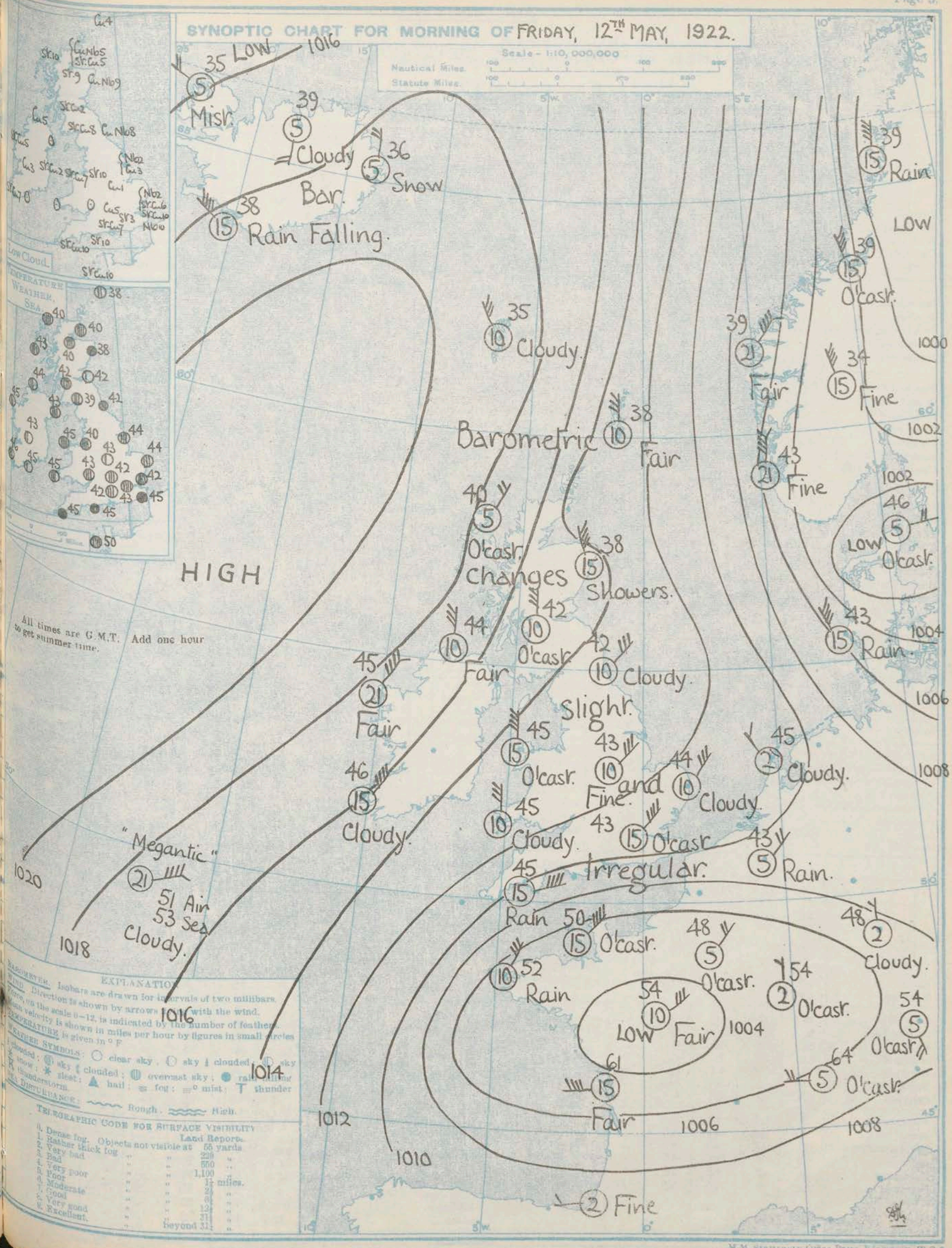
Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Friday, 12th May, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate northeasterly winds; cloudy, showers in places some risk of thunder; visibility mainly good; temperature rather low.	Winds between N and E; temperature below normal for time of year.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind NE to N, light or moderate; cloudy, showers in places; visibility mainly good; cold.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate northerly winds; cloudy, showers in places; visibility good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind NE to N, light or moderate; variable cloud; visibility good; cold.	

M.A.S.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15 G.M.T. G. C. SIMPSON, F.R.S., Dir

§ For Code *see* opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Friday...12th...May.......1922. No. 132

Observations at 0100 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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1013·8	-1	N	3	opτ₀	35	85	7	2500	Nb	7	aSt	10	*
Stornoway	1019·4	0	NNE	1	co-	*	*	*	*	*	*	*	*	*
Wick	1014·9	0	NNW	4	c-	40	92	8	2500	CuNb	6	aCu	8	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1017·0	-1	N	3	bc	44	92	7	4000	Cu	5	-	5	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1015·2	0	E	1	o/r	41	85	8	-	StCu	8	aCu	9	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1014·5	-2	W	1	o	40	85	6	4000	StCu	10	-	10	*
Blacksod Point	1018·1	+1	N'E	5	c	50	75	7	-	StCu	7	-	7	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1016·1	-1	-	0	ot	44	97	7	2500	StCu	9	-	9	*
Holyhead	1014·2	-1	ENE	1	o/f	*	*	5	1500	St	10	-	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1013·5	-2	NNE	2	bc	41	92	8	1500	St	4	-	4	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1014·5	-2	NNW	1	o	39	97	6	2500	Cu	10	-	10	*
Gorleston	1013·2	-1	NE	3	c-	43	75	7	4000	StCu	7	-	7	*
Valencia (Cahirciveen)	1014·4	+2	ENE	5	bct	47	97	6	-	Cu	4	aCu	6	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1011·6	0	N	4	o	45	85	6	2500	St	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1012·3	-2	NE'E	3	oτ₀τ₀	41	92	7	1500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1010·8	-2	NE	5	o	43	85	7	2500	St	9	aSt	10	*
Scilly (St. Mary's)	1008·7	-3	NE	3	o	50	92	7	4000	StCu	10	-	10	*
Falmouth (Pendennis)	1008·9	-2	E	5	o	51	92	6	2500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1011·0	0	E'N	5	ct	48	85	7	1500	StCu	7	-	7	*
Southampton (Calshot)	1010·7	-1	ENE	4	o	46	85	7	4000	StCu	10	-	10	*
Dungeness	1010·8	-1	ENE	4	o	47	97	8	2500	Nb	9	-	9	*
Jersey 7h	1007·6	-3	NNE	4	ot	50	85	7	7250	StCu	10	-	10	*
Guernsey 1h														

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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1012·9	-1	N	3	bc-	38	85	7	4000	Cu	4	-	4	2
Stornoway	1017·4	0	NNE	2	o	40	85	6	800	St	10	-	10	1
Wick	1013·9	-1	NNW	5	o	40	75	8	2500	CuNb	10	-	10	4
Castlebay	1018·4	0	NNW	3	ot	43	75	7	1500	St	9	-	9	3
Nairn	1015·7	*	N	2	o	40	75	8	1500	St	9	-	9	*
Aberdeen	1014·2	0	NNW	4	opτ₀	38	85	8	2500	CuNb	9	-	9	0
Malin Head	1016·3	0	N	3	bc	44	92	8	4000	Cu	5	-	5	1
Renfrew	1015·6	+1	N	3	o	42	65	8	5750	StCu	2	CiSt	9	*
Edinburgh (Inchkeith)	1015·0	+1	N	2	b-	42	75	8	-	StCu	1	CiSt	2	1
Eskdalemuir	1014·7	0	NNE	3	ct	39	75	8	2500	StCu	8	-	8	*
Tynemouth	1013·2	-2	NE	3	cjp	42	85	7	4000	CuNb	8	-	8	1
Blacksod Point	1017·7	0	NNE	5	bc	45	75	9	-	StCu	5	-	5	3
Donaghadee	1015·6	+1	ENE	2	ct	43	85	8	-	-	0	CiCu	7	4
Birr Castle	1015·9	*	N	3	bc-	43	85	8	4000	Cu	3	CiCu	5	*
Collinstown	1016·0	0	NW	3	bc-	44	85	8	2500	StCu	2	CiSt	~~6~~ 6	*
Holyhead	1013·3	-1	N	4	o-	45	85	8	2500	StCu	7	aCu	9	3
Liverpool (Bidston)	1013·3	0	SE	1	o	40	85	3	800	St	10	-	10	1
Chester (Shotwick)	1012·8	0	-	0	ffo	37	97	2	225	St	10	-	10	*
Spurn Head	1012·3	-1	N	4	bc	44	85	7	2500	Cu	5	-	5	3
Nottingham	1013·0	*	NE	3	b-	43	75	7	4000	Cu	1	CiSt	2	*
Cranwell	1013·3	-1	NNW	3	c-	40	92	7	4000	StCu	3	aCu	7	*
Gorleston	1011·8	-1	NE'N	3	c	44	75	7	4000	StCu	8	-	8	0
Valencia (Cahirciveen)	1016·0	+2	NE'N	4	ct	46	75	8	2500	StCu	7	-	7	3
Roches Point	1014·5	+1	NNE	3	bt	45	85	8	-	-	0	Ci	2	0
Pembroke (St. Ann's H.)	1012·4	0	N	3	c	45	75	7	-	-	0	aSt	7	3
Ross-on-Wye	1012·2	-1	NE'E	3	ct	43	75	6	-	-	0	Ci	7	*
Benson	1011·6	0	NE	3	c-	42	85	8	-	Cu	5	Ci	7	*
S. Farnborough	1010·9	0	NE	2	o-	42	85	7	1500	Nb	9	-	9	*
London (Kew Obsy.)	1010·9	-1	NNE	4	o-	43	75	6	2500	St	3	aCu	9	*
Croydon	1011·6	0	NE	3	o/r	41	85	6	1500	St	8	aSt	10	*
Clacton-on-Sea	1011·3	0	NNE	3	o	42	85	7	2500	StCu	10	-	10	0
Shoeburyness	1011·0	-1	NE	2	o	42	75	8	1500	StCu	10	-	10	*
Grain	1010·8	-1	NNE	4	oτ₀	47	85	7	800	StCu	10	-	10	0
Lympne	1010·1	0	NE	4	oτ₀τ₀	42	97	7	1500	Nb	9	aSt	10	*
Scilly (St. Mary's)	1008·6	+1	NE	4	opτ₀	48	92	6	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1009·1	+1	E	4	oτ₀f	~~45~~ 46	92	6	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1009·3	+2	E	2	oτ₀	45	85	8	1500	Nb	10	-	10	0
Portland Bill	1009·4	-1	ENE	5	opτ₀	45	85	7	450	St	10	-	10	4
Southampton (Calshot)	1009·8	-1	ENE	5	oτ₀	43	92	7	1500	Nb	10	-	10	3
Dungeness	1009·4	-2	ENE	4	oτ₀τ₀	45	97	8	4000	Nb	10	-	10	4
Jersey 7h	1005·3	0	NE	4	o/r	50	85	7	2500	StCu	10	-	10	3
Guernsey 1h														

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

Stations	Weather Fore-noon	Weather After-noon	Temperature Min. Night 10th °F.	Temperature Max. Day 11th °F.	Rainfall.† Night 17h.-9h. 10th-11th mm.	Rainfall.† Day 9h.-17h. 11th mm.	Sunshine Sunrise to 17h. 11th hr.	Sunshine Sunrise to Sunset 10th hr.
Banff	bc	bc	41	47	–	–	8·2	6·2
Montrose	o.c	c	38	46	–	–	1·3	0·5
Llandudno	o	o	41	49	–	–	0·7	6·7
Colwyn Bay	bc c	bc c	46	48	–	–	0·5	7·6
Rhyl	b	o.c.o	43	47	–	–	0·4	7·2
Southport	c.o	o.c	41	48	2	1	0·8	5·8
Blackpool	o	c.o	42	49	–	–	1·2	2·9
Harrogate	o	o	39	45	–	–	0·0	4·4
Skegness	c.o	o	44	47	–	–	0·0	8·7
Aberystwyth	o	c.b.d	48	54	–	–	0·7	1·3
Bath	o	om	47	56	–	–	0·0	0·5
Leamington Spa	o	od	43	47	–	1	0·0	0·5
Lowestoft	o	o	40	48	–	–	0·0	7·9
Felixstowe	bc	or	43	50	–	–	2·6	3·0
Southend	o.c	o	43	53	–	–	0·7	2·7
Paignton	o.b	c.o	48	54	–	–	3·4	?
Ilfracombe	o	o	49	53	–	–	0·3	4·8
Bude	3wo	o	47	57	–	–	0·7	0·0
Penzance	o3	o3	50	56	–	–	0·0	12·6
Falmouth Observatory	om	bcm om	50	57	–	–	1·3	13·6
Torquay	o	bc.co	48	55	–	–	3·5	12·2
Weymouth	c.bc	bc.c	46	58	–	–	5·2	10·0
Bournemouth	c	c.bc	45	57	–	–	1·4	7·5
Portsmouth (S'thsea)	bc	bc	45	56	–	–	5·7	6·1
Worthing	bc	c	43	55	–	–	7·8	4·0
Brighton	bc.	bc.c.o	44	51	–	–	8·7	6·8
Eastbourne	b	b.bco	40	53	–	–	9·4	6·5
Hastings	b.bc	b.bc.c	41	54	–	–	8·6	3·8
Folkestone	bc	bc.c	45	58	–	–	4·9	10·1
Tunbridge Wells	o.c.bc	bc.c	39	56	–	–	3·9	5·6
Ramsgate	o	o	43	50	–	–	5·2	3·0
Margate	o.b	b.bc.o	43	50	–	–	4·7	1·4
Deal	o.c.bc	bc.o	44	53	–	–	5·5	2·2

* 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.22087 Saturday 13th May 1922.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick														
Stornoway	1013·7	+1	NNE	4	c+	42	65	7	4000	Cu	5	A.Cu	8	*
Wick	1018·3	+1	N.NE	3	c-	45	75	6	4000	Nb	7	–	7	*
Castlebay	1015·2	+1	NNW	5	oph	41	85	7	2500	Cu Nb	10	–	10	*
Nairn	1019·2	+1	N.W	4	bc°	47	75	7	2500	Cu	6	–	6	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1015·0	+1	NNW	4	cpr°	+1	75	8	4000	Cu Nb	8	–	8	*
Renfrew	1018·0	+3	N	3	c+	45	85	7	4000	St Cu	7	–	7	*
Edinburgh (Inchkeith)	1015·6	0	N.W	3	c+	43	55	8	4000	St Cu	8	–	8	*
Eskdalemuir	1014·9	0	NNE	4	o+	43	75	8	–	St Cu	9	–	9	*
Cromarty	1015·3	+1	N'E	3	0	44	55	8	2500	St Cu	9	–	9	*
Tynemouth	1015·8	+1	N	5	bjp	+7	75	8	4000	Cu Nb	3	–	3	*
Blackwood Point	1019·3	+2	N	5	bc-	+7	65	9	<150	St Cu	4	–	4	*
Donaghadee	1016·8	+2	NNE	3	b	+9	85	8	4000	Cu	1	A.Cu	2	*
Rhyl Castle	1015·0	*	N.W	1	c+	51	65	8	4000	Cu	7	–	7	*
Colinstown	1017·4	+3	N'E	3	bc-	49	75	8	4000	Cu	3	A.St	4	*
Holyhead	1014·9	+3	NE'E	5	b-	47	75	7	2500	Cu	2	–	2	*
Liverpool (Bidston)	1014·3	+1	NNE	1	b-	48	85	6	2500	St Cu	3	–	3	*
Chester (Shotwick)	1013·6	+1	ENE	2	c-	47	65	6	215	St Cu	7	–	7	*
Spurn Head	1010·9	-2	N	6	bc	47	92	7	4000	Cu Nb	5	–	5	*
Nottingham	1018·5	*	N	2	ocr°	44	85	6	1500	Cu Nb	9	C.St	10	*
Cranwell	1013·7	+1	NNW	3	or°	43	92	8	1500	St	10	–	10	*
Gorleston	1010·6	-0	NE'N	5	c+	47	85	7	4000	Cu Nb	8	–	8	*
Valencia (Cahireiveen)	1017·6	+1	NNE	5	bc⊕	51	85	8	2500	St Cu	4	A.St	6	*
Roches Point	1015·2	+1	N	4	bc	55	55	8	4000	Cu	5	–	5	*
Pembroke (St. Ann's H.)	1013·4	+1	N	4	bc	52	65	7	4000	St Cu	5	–	5	*
Ross-on-Wye	1012·0	0	NE'N	3	o+	50	55	5	4000	St Cu	9	–	9	*
Belmont	1011·4	+1	NNE	4	bc	51	65	8	–	Cu	5	–	5	*
S. Farnborough	1010·3	0	ENE	3	bc/r	54	55	8	2500	Cu	6	–	6	*
London (Kew Obsy.)	1010·6	0	N	4	bc	50	55	7	5700	Cu	4	–	4	*
Croydon	1011·0	-1	NNE	4	bc-	50	55	7	5700	Cu	6	–	6	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1011·0	0	N.E	3	bc-	50	65	8	5700	Cu	3	Ci	4	*
Grain	1011·0	0	ENE	3	c-	48	65	8	2500	Ci	7	–	7	*
Lympne	1009·9	-1	N.E	5	c-	48	75	9	4000	Cu	4	Ci	8	*
Scilly (St. Mary's)	1011·5	+2	NE	4	c	53	65	7	4000	St Cu	8	–	8	*
Falmouth (Pendennis)	1011·0	+2	NE	4	c-	52	75	7	4000	Cu	8	–	8	*
Plymouth (Cattewater)	1010·4	+3	NE	3	o-	53	55	8	1500	St Cu	9	–	9	*
Portland Bill	1010·9	-2	ENE	5	bc-	52	75	7	–	–	–	C.St	4	*
Southampton (Calshot)	1010·2	-1	NE'E	4	bc-	53	55	8	4000	Cu	4	–	4	*
Dungeness	1009·6	0	E	4	c-	50	85	8	5700	Cu	5	Ci	7	*
Jersey	1007·6	+1	NE	4	o	52	75	7	2500	St Cu	10	–	10	*

Observations at 1800 G.M.T. 12th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·2	+1	NNW	3	0	39	85	7	4000	St Cu	10	–	10	2
Stornoway	1018·1	0	N	3	o+	42	85	6	450	St	10	–	10	2
Wick	1015·5	0	NNW	5	o/r	40	85	8	5700	St Cu	9	–	9	3
Castlebay	1019·4	0	NW	4	bc	46	85	7	2500	Cu	6	–	6	3
Nairn	1011·2	*	N	2	c r(h)	42	75	8	1500	Cu	7	–	7	*
Aberdeen	1015·7	+1	NNW	4	c/r	41	75	8	4000	St Cu	7	–	7	3
Malin Head	1018·0	+1	N	2	bc+	45	92	7	4000	Cu	5	–	5	0
Renfrew	1016·0	0	NNE	2	c-	50	45	9	4000	St Cu	7	–	7	*
Edinburgh (Inchkeith)	1015·7	+1	NNE	3	0	44	75	8	–	St Cu	9	–	9	2
Eskdalemuir	1015·7	+1	N'W	3	c	43	85	8	2500	St Cu	7	–	7	*
Cromarty	1014·6	+1	N	5	b	43	85	7	4000	Cu	3	–	3	4
Tynemouth	1020·3	+2	N	4	bc	47	75	9	<150	Cu Nb	4	–	4	3
Blackwood Point	1017·1	0	NNE	3	bc	48	75	8	4000	Cu	2	A.Cu	4	4
Donaghadee	1017·5	*	NW	1	bc-	53	65	7	4000	St Cu	6	–	6	*
Rhyl Castle	1016·2	+2	N	2	bc+	48	75	7	2500	St Cu	5	–	5	*
Colinstown	1016·5	+2	NE'N	4	b-	47	75	8	2500	St Cu	1	–	1	2
Holyhead	1015·1	+2	NW	4	bc-	47	65	7	2500	Cu	2	Ci St	5	3
Liverpool (Bidston)	1014·1	+2	NW	4	bc+	47	65	7	4000	St Cu	1	A.Cu	6	*
Chester (Shotwick)														
Spurn Head	1013·0	+3	N	6	bc	45	92	7	4000	Cu	4	–	4	5
Nottingham	1014·0	*	NNE	4	b-	45	65	6	1500	Cu	3	–	3	*
Cranwell	1014·1	+1	N	4	bcjp	44	85	8	1500	~~Nb~~ Cu	6	–	6	*
Gorleston	1011·6	0	N'E	5	cpr°	45	75	7	4000	Cu Nb	8	–	8	1
Valencia (Cahireiveen)	1018·8	+2	N'E	4	bc-	52	65	9	4000	St Cu	5	–	5	3
Roches Point	1017·3	+3	SE	3	c+	50	75	8	2500	Cu	7	Ci	8	3
Pembroke (St. Ann's H.)	1014·7	+1	N	4	b	43	65	7	–	–	–	–	0	*
Ross-on-Wye	1013·8	+2	NE	3	b-	47	65	6	4000	Cu	3	–	3	*
Belmont	1012·9	+2	NE	4	o+	45	75	7	–	St	10	–	10	*
S. Farnborough	1012·7	+4	NNE	3	o	46	65	7	2500	St Cu	10	–	10	*
London (Kew Obsy.)	1012·9	+5	N	4	bc	45	65	7	4000	Cu	2	A.Cu	6	*
Croydon	1013·0	+4	N'E	5	c-	45	65	6	4000	St Cu	7	–	7	
Clacton-on-Sea	1011·3	+1	N	2	c/r	47	75	7	4000	Cu Nb	8	–	8	0
Shoeburyness	1011·6	+1	NE	2	o pr-	46	65	8	800	Cu	7	–	7	*
Grain	1012·5	+2	N	5	o/r	46	65	8	2500	St Cu	10	–	10	3
Lympne	1011·5	+3	NNE	4	c+	45	~~85~~ 78	~~4~~ 8	2500	Cu Nb	6	A.St	8	*
Scilly (St. Mary's)	1012·6	+2	NNE	5	b	50	75	7	–	–	0	–	0	5
Falmouth (Pendennis)	1012·2	+1	NE	6	bc-	52	75	7	4000	Cu	4	–	4	4
Plymouth (Cattewater)	1011·9	+3	NNE	5	c-	53	65	8	4000	Cu	8	–	8	0
Portland Bill	1012·6	+3	NE	5	b-	52	75	7	–	–	–	C.St	2	4
Southampton (Calshot)	1012·3	+2	NNE	4	c+	52	55	8	2500	St Cu	8	–	8	0
Dungeness	1011·0	0	NE	4	c+	49	85	8	4000	Cu	8	–	8	4
Jersey	1008·3	+1	NE	4	bc	51	75	8	–	–	–	C.St	4	3

LONDON OBSERVATIONS.

	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. 13th								YESTERDAY.		TO-DAY.
Kew											
Croydon (24 hours ended 0700)	cz. bcy	bcycy bc	bcb bcbw	*	*	28	-	-	7·3	*	*
Greenwich (Royal Obsy.)	omczy	bcoy cz	c.bzm bmcz	*	*	28	-	-	4·5	*	*
City (Bunhill Row)	c·bc	c·o	c·bc	55	35	26	-	-	6·1	56	60
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	6·4	*	*
Regent's Pk. (Botanic Gdns.)	*	*	*	55	37	31	-	-	6·3	55	57
Camden Square	*	*	*	*	*	*	*	*	9·0	*	60
Kensington Palace	bc	bc	*	56	36	32	-	-	*	73 (18hr)	56
Hampstead Observatory	o·bc	c	*	55	35	27	-	-	*		
	*	*	*	51	33	23	-	-	8·3	*	55

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1800 G.M.T. 12th

South Kensington

Max.	Time.	Min.	Time.
0·3	1800 11th	0·3	2400 11th
0·3	0900 12th		0500 12th

Kew Observatory

Max.	Time.	Min.	Time.
0·8	1700 11th	0·3	0100 12th
0·5	0700 12th		

SOLAR RADIATION.

Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate

..... Milliwatts.

Maximum Rate

..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12h 20m h. 45 m. to 13h 3m h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·30	6·30	100
δ Ursae Minoris	6·30	6·30	100

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc.
17th	–	–	–	–
18th	–	–	–	–
19th	–	–	–	–
17th	–	–	–	–

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

13th and 14th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·2	11·49	7·36
	4·0	11·49	7·38
Greenwich	4·13	11·56	7·39
	4·12	11·56	7·40
Wick	3·52	12·8	8·25
	3·50	12·8	8·27
Valencia	4·52	12·37	8·22
	4·50	12·37	8·24

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

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

SEA DISTURBANCE.

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

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

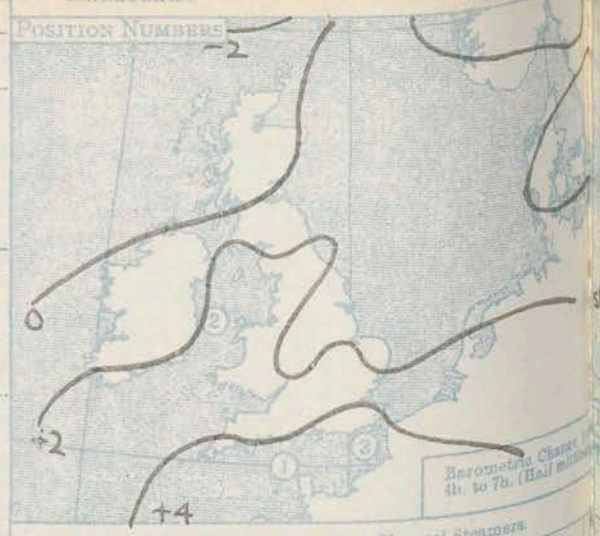
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 12th	13h.-18h. 12th	18h. 12th to 1h. 13th	1h.-7h. 13th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	c	c	oo	c	42	34	*	trace	trace	<0900	<2100	*
Stornoway	c	c	c	bc	46	37	*	–	–	–	–	3.8
Wick	ophq	oprh	oo	oo	43	36	*	0.1	–	1100	–	*
Castlebay	oc oc	cbc	c.o.c	c	47	43	*	–	–	–	–	9.0
Nairn	c	hq	cq	cirq	45	37	*	1	1	0900	–	0.7
Aberdeen	coprn	cprc	c.prh	c.d	45	36	31	0.3	0.1	<0800	<2100	2.5
Malin Head	f.m	b.bc	c	bor bc	47	43		–	–	–	–	5.4
Renfrew	obcfy	cvy	o.bc.cv	ov.c	51	35	25	–	–	–	–	7.7
Edinburgh (Inchkeith)	b.bc	oo	b or bc	oo	47	40	33	trace	–	–	–	5.5
Eskdalemuir	boy	coy	c.b	b.bc	46	22	19	–	–	–	–	4.1
Tynemouth	bcp	bcq.np	c.op	bc.m	45	37	32	trace	trace	<0830	2200	*
Blacksod Point ...	oo	b.bc	b or bc	c	50	43		–	–	–	–	*
Donaghadee	bcy	bcy	by	bc	50	41		–	–	–	–	*
Birr Castle	co	co	c.o	bcx	54	31	24	–	–	–	–	10.6
Collinstown	f.m	b.bc	b or bc	b or bc	51	31	24	–	–	–	–	12.8
Holyhead	cbc	bb	b	b	51	44	43	–	–	–	–	11.8
Liverpool (Bidston) ...	opc	bc	bc.m		50	40	38	–	–	–	–	5.0
Chester (Shotwick) ...	oomc	cbcc	c.bc.bm	bm	52	31	18	–	–	–	–	*
Spurn Head	oo	b.bc	b or bc	c	48	37		–	–	–	–	9.6
Nottingham	ir	c	b	b or bc	49	36	31	trace	–	1100	–	6.1
Cranwell	coopr	rohpr	b or bc	b or bc m	49	31	27	0.4	–	1100	–	6.9
Gorleston	bcrq	cpq	c	bcpq/c	49	39	35	trace	1	15.30	<2100	10.3
Valencia (Cahirciveen)	cbcy	bc cbc	bc.b	b.bc.c	52	40	32	–	–	–	–	8.2
Roches Point	bbc	bc c	bc.b	bw	57	40	*	–	trace	–	–	*
Pembroke (St. Ann's H.)	c	b.bc	b or bc	b or bc	54	40	*	–	–	–	–	12.8
Ross-on-Wye	bc bcz	ozcy bcz	bmw	bmw	53	32	29	–	–	–	–	9.2
Benson	cbc	bo	bc.b	b.bc	53	25	20	–	–	–	–	*
S. Farnborough ...	b.bc	cbccoy	o.c.b.b	b.bc bw	54	29	22	trace	–	<0800	–	7.1
London (Kew Obsy.) ...	czbcy	bcucybc	bc.b	b.bc bzw	51	35	25	–	–	–	–	7.3
Croydon	omczy	bcoycz	c.bzm	bmxz	52	34	28	–	–	–	–	4.5
Clacton-on-Sea ...	obc	cp	c.b	b	54	34	30	0.2	–	1530	–	5.0
Shoeburyness ...	ocbc	coir	o.c.bcb	b	51	34	31	1	–	14.30	–	4.3
Grain	oirc	ciro	o.c.bcb	b	50	35	31	trace	–	<0800	–	4.1
Lympne	orqv	cbvqc	c.opr.c.bcb	bcmb	50	34	29	0.1	0.5	<0800	<2100	5.5
Scilly (St. Mary's) ...	om	cq/b	b	bm	53	44	*	0.3	–	–	–	6.6
Falmouth (Pendennis)	omcm	cbcbm	bcm	bcm bz	53	42	*	0.2	–	<0800	–	3.4
Plymouth (Cattewater)	fm	o.c	o	bor bcf	57	39	30	–	–	–	–	5.4
Portland Bill	obc	bc	bc.b	b	53	44	*	0.3	–	<0800	–	*
Southampton (Calshot)	c	b.bc	b or bc	b	57	37	30	0.1	–	<0800	–	6.0
Dungeness	b.bc	c	cpro	b or bc	52	33	*	trace	0.1	<0800	<2100	*
Jersey	obc	ob	bc.b	bc.b	52	43	*	–	–	–	–	1.0

BALLOBARS

13th May



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	12th 0300	Brighton	E'N	5	co+	49	50
2	12th 1000	Hiberria	N	2	c	49	48
3	13th 0200	Dieppe	N	3	bc	43	49

GENERAL INFERENCE.

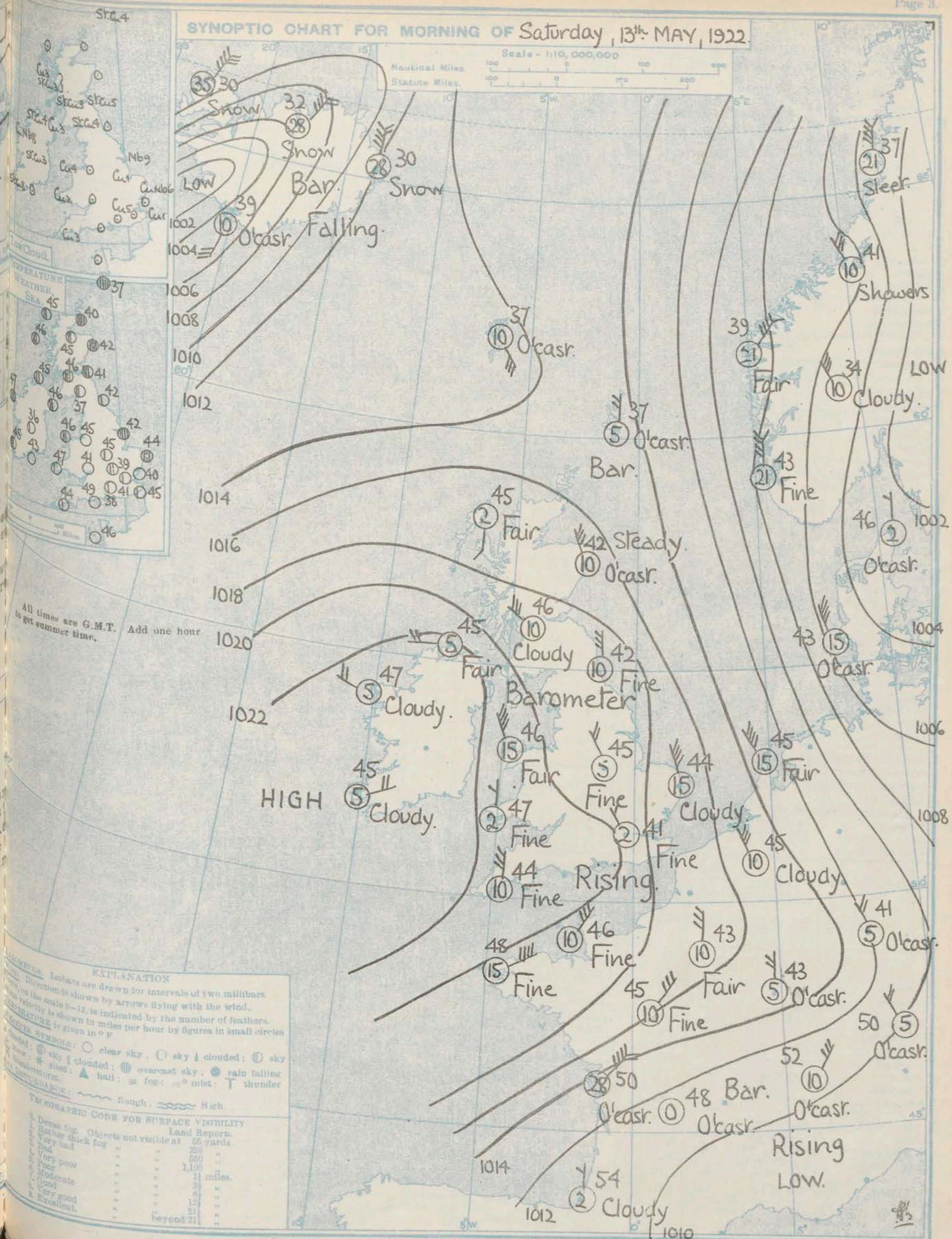
The anticyclone off our western coasts is moving southeastward and winds and becoming more westerly in the north. Some showers of rain or hail will occur in the eastern districts on Saturday but weather will afterwards be fairer with rising temperature.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 13th May, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Northerly winds, light or moderate; variable sky; some rain or hail showers, fairer Sunday; visibility good; less cold but night frost probable.	Fine for a day or two in the midlands and south with rising temperature; less settled in the northwest district.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light N. to NW. wind; fair generally; visibility mainly good; less cold but risk of night frost inland.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind W. to SW. moderate; cloudy some rain or showers probable; visibility moderate; milder.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind between S. and W. moderate to strong; cloudy, some rain; visibility moderate; milder.	
17. N.W. Ireland 18. N.E. Ireland	As for 11 - 13.	
19. S.E. Ireland 20. S.W. Ireland	Light variable or westerly wind; fair generally; milder.	

GR.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.. Saturday, 13th May ..... 1922. No. 133.

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·3	0	NNW	2	0	37	75	7	5750	StCu	10	–	10	.
Stornoway	1018·7	0	–	0	co	.	.	5	.	.	.	.	.	.
Wick	1016·4	0	NNW	1	cpr	38	92	8	5750	StCu	8	–	8	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	1024·9	+2	N	1	0	45	92	7	4000	CuNb	10	–	10	.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1017·7	+2	NW	1	bc	41	75	8	–	SrCu	4	CiCu	5	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1017·0	+1	NW	1	0/r	41	85	7	4000	StCu	10	–	10	.
Blacksod Point ...	1022·1	+1	N	2	bc	47	75	7	–	CuNb	4	–	4	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1021·6	+2	NW	1	b	35	92	8	–	–	0	CiCu	1	.
Holyhead	1018·7	+2	N'E	4	b	.	.	8	4000	SrCu	1	–	1	.
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1015·3	+1	NW	6	b	39	92	7	4000	Cu	2	–	2	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1017·5	+1	NW	4	b	32	97	6	–	–	0	–	0	.
Gorleston	1013·4	+1	N'E	4	bc	41	85	7	2500	CuNb	4	–	4	.
Valencia (Cahirciveen)	1020·8	+3	ESE	2	bc	45	85	5	?	?	?	?	?	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	1019·7	+3	N	3	b	42	85	6	–	–	0	–	0	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	.	.	.	.	.	39	.	.	.	.	.	.	.	.
Croydon	1016·8	+3	N'W	3	b	37	85	6	–	–	0	–	0	.
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1014·9	+3	NE	3	b	35	92	8	–	–	0	–	0	.
Scilly (St. Mary's) ...	1017·8	+3	NE	3	b	46	85	7	–	–	0	–	0	.
Falmouth (Pendennis)	1017·5	+5	NNE	3	mbc+	46	92	6	4000	Cu	6	–	6	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Southampton (Calshot)	1017·1	+3	N	3	b	44	85	8	–	–	0	–	0	.
Dungeness	1014·8	+3	N	4	b	35	97	8	–	–	0	–	0	.
Jersey 7h	1016·1	+5	NE	4	b	47	75	8	–	–	0	–	0	.
Guernsey 1h														

Observations at 0700 G.M.T. 13th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·9	0	N	2	o+	37	75	7	5750	StCu	4	[illegible]	10	1
Stornoway	1016·6	-1	S	1	bc	45	85	7	–	–	0	aCu	4	0
Wick	1015·6	0	SW	1	o	40	92	8	–	–	0	aSt	10	0
Castlebay	1018·7	-1	WSW	4	bc	46	85	7	1500	Cu	6	–	6	3
Nairn	1016·5	.	–	0	bc/r	45	75	8	1500	CuNb	6	–	8	.
Aberdeen	1017·5	0	NW'N	3	o	42	75	8	–	–	0	aSt	10	0
Malin Head	1022·3	0	W	2	bc-	45	92	8	5750	SrCu	4	–	4	0
Renfrew	1019·1	+1	WNW	3	c-	46	75	8	4000	StCu	3	aSt	7	.
Edinburgh (Inchkeith)	1018·1	0	WSW	3	mc-	41	85	6	–	StCu	5	aCu	8	2
Eskdalemuir	1019·2	+1	–	0	bc	37	65	8	2500	StCu	4	–	4	.
Tynemouth	1018·1	+2	N	3	b	42	75	6	–	–	0	aCu	3	2
Blacksod Point ...	1022·3	0	WNW	2	c-	47	65	9	–	CuNb	8	–	8	0
Donaghadee	1020·8	+3	NNW	1	bc	46	75	8	5750	Cu	3	aCu	4	0
Birr Castle	1022·9	.	NW	1	b-	36	97	8	4000	StCu	3	–	3	.
Collinstown	1022·7	+1	W'N	2	b-	40	92	8	2500	Cu	1	aSt	2	.
Holyhead	1020·7	+3	N'W	4	bc+	46	85	8	2500	Cu	4	–	4	3
Liverpool (Bidston) ...	1019·8	+2	S'E	1	b-	45	65	6	–	–	0	–	0	1
Chester (Shotwick) ...	1018·9	+2	ENE	1	b	45	85	5	2500	Cu	1	–	1	.
Spurn Head	1018·2	+3	N	6	o	42	92	7	4000	NB	9	–	9	5
Nottingham	1019·6	.	NNW	2	b+	45	65	6	4000	Cu	1	Ci	3	.
Cranwell	1019·2	+2	NW	4	b	39	85	6	–	–	0	aCu	1	.
Gorleston	1016·6	+1	N'W	4	bc+	44	75	7	4000	CuNb	6	–	6	0
Valencia (Cahirciveen)	1023·6	+2	ENE	2	c+	45	75	8	4000	StCu	8	–	8	0
Roches Point	1023·2	+2	NNW	2	b	43	85	7	–	–	0	–	0	0
Pembroke (St. Ann's H.)	1021·7	+3	N	1	b	47	75	8	4000	Cu	2	–	2	2
Ross-on-Wye	1020·1	+1	SW	1	b	41	75	6	–	–	0	–	0	.
Benson...	1020·0	+3	–	0	bc+	39	85	6	–	Cu	5	–	5	.
S. Farnborough ...	1019·7	+5	NNW	2	b-	38	85	6	–	–	0	aCu	3	.
London (Kew Obsy.) ...	1020·0	+4	NNW	1	b	41	75	6	–	–	0	Cu	1	.
Croydon	1019·5	+4	NNW	3	b	41	75	6	–	–	0	–	0	.
Clacton-on-Sea ...	1017·7	+4	NNW	3	b	40	85	7	–	–	0	–	0	0
Shoeburyness	1016·7	+4	N'W	3	b	42	65	7	–	–	0	–	0	0
Grain	1019·6	+6	NNW	4	b	43	75	8	4000	Cu	1	–	1	2
Lympne	1018·4	+4	NNW	4	b+	41	85	8	1500	St	3	–	3	.
Scilly (St. Mary's) ...	1021·2	+3	ESE	2	b	49	75	6	–	–	0	–	0	1
Falmouth (Pendennis)	1021·5	+5	N	3	b-	44	85	6	4000	Cu	3	–	3	0
Plymouth (Cattewater)	1021·2	+4	–	0	b	44	75	6	–	–	0	–	0	0
Portland Bill	1020·7	+4	NE	4	b	49	85	7	–	–	0	–	0	0
Southampton (Calshot)	1020·4	+4	N'E	3	b	42	75	7	–	–	0	–	0	0
Dungeness	1018·4	+4	NNE	4	b	45	75	7	2500	Cu	1	–	1	4
Jersey 7h	1019·7	+1	NE	3	b	46	75	8	4000	StCu	2	–	2	2
Guernsey 1h														

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11th °F.	Temperature. Max. Day. 12th °F.	Rainfall.† Night 17h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-17h. 12th mm.	Sunshine. Sunrise to 17h. 12th hr.	Sunshine. Sunrise to Sunset. 11th hr.
Banff	c	ors	36	45	3	0·1	1·5	8·5
Montrose	bc	c	37	48	–	–	5·0	1·6
Llandudno	rcb	bcb	39	49	–	1	6·7	0·7
Colwyn Bay	c	bc	39	49	–	–	6·5	0·6
Rhyl...	cbcc	bcb	32	49	–	–	5·9	0·4
Southport	doc	cbcc	36	50	0·2	–	5·0	0·8
Blackpool	op	bcc	39	51	0·2	–	5·4	1·2
Harrogate	c	cp	31	47	–	–	3·1	0·8
Skegness	rcb	b	37	49	–	–	3·2	0·0
Aberystwyth	ocb	bco	41	52	–	–	0·6	0·7
Bath	b	bcc	42	55	–	–	9·0	0·0
Leamington Spa ...	cb	cboc	36	50	2	–	6·5	0·0
Lowestoft	bcb	bccp	41	49	–	–	8·6	0·0
Felixstowe	c	copbc	41	50	1	0·1	4·5	2·6
Southend	oc	co	41	52	trace	trace	3·5	0·7

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 11th °F	Temperature. Max. Day. 12th °F	Rainfall.† Night 17h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-17h. 12th mm.	Sunshine. Sunrise to 17h. 12th hr.	Sunshine. Sunrise to Sunset. 11th hr.
Paignton	obc	bc	44	55	0·3	–	5·6	3·5
Ilfracombe	cbc	bcc	44	52	0·1	–	?	0·3
Bude	cbb	b	44	55	0	–	3·0	0·7
Penzance	oc	bccb	46	56	0·3	–	5·0	0·0
Falmouth Observatory	ocz	ozbz	46	56	1	–	2·6	1·3
Torquay	b	b	45	56	0·3	–	6·0	3·5
Weymouth	oc	c	43	59	–	–	5·3	5·3
Bournemouth ...	oob	b	42	58	–	–	5·0	1·4
Portsmouth (S'thsea)	bc	bc	43	57	–	–	5·2	5·7
Worthing	oc	bc	43	55	–	–	5·6	8·0
Brighton	oc	bc	44	56	–	–	5·0	3·8
Eastbourne ...	oc	bc	44	55	0·2	–	3·9	9·4
Hastings	o	ocbbc	43	52	0·3	–	?	?
Folkestone	ordo	cbc	43	57	1	0·5	4·3	0·4
Tunbridge Wells ...	bc	bcco	40	54	0·2	–	4·4	2·7
Ramsgate	bc	bc	41	48	2	–	6·3	5·2
Margate	ocb	b	42	47	1	–	0·3	4·7
Deal	orbc	bc	43	51	0·2	–	4·8	5·5

* 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. 22088 Sunday, 14th May 1922. Page 1.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1014.3	0	W	1	bc	45	65	7	5750	St.Cu	2	Ci.Cu	5	•
Stornoway	1014.7	-2	W	4	o+	50	75	6	450	St	10	-	10	•
Wick	1014.7	-1	NW	1	o/r	49	75	9	4000	St.Cu	5	A.St	9	•
Castlebay	1017.7	-1	SW	5	o+	48	92	6	800	St	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1016.6	-1	S	2	o	47	75	7	4000	Cu	10	-	10	•
Malin Head	1020.0	-2	W	3	bc+	50	85	8	4000	Cu	5	-	5	•
Renfrew	1019.0	-1	WSW	4	o+	53	55	9	4000	St.Cu	9	-	9	•
Edinburgh (Inchkeith)	1017.5	-2	W	4	c	49	65	8	-	Cu	5	Ci.St	7	•
Eskdalemuir	1018.7	+1	WNW	4	c	51	55	8	2500	St.Cu	7	Ci	8	•
Tynemouth	1018.6	+1	SSE	2	c+	49	75	6	4000	Cu.Nb	8	-	8	•
Blacksod Point	1022.2	0	W	2	bc-	51	75	9	-	Cu.Nb	5	-	5	•
Donaghadee	1021.1	0	NE	2	bc+	47	75	9	5750	Cu	5	-	5	•
Birr Castle	1022.4	•	NW	2	bc+	53	65	8	2500	Cu	5	-	5	•
Collinstown	1023.0	-2	-	0	c-	53	75	8	4000	St.Cu	7	Ci.St	8	•
Holyhead	1022.1	+1	N	3	b	51	75	8	2500	Cu	1	Ci.St	2	•
Liverpool (Bidston)	1021.4	+1	WNW	2	b	50	55	8	4000	St.Cu	1	Ci	2	•
Chester (Shotwick)	1020.4	+1	WNW	4	bc	53	55	8	4000	Cu	2	Ci	3	•
Spurn Head	1020.5	+2	N	4	b-	51	85	8	5750	Cu.Nb	1	-	1	•
Nottingham	1020.3	•	NNW	2	c+	52	55	6	1500	St.Cu	5	Ci.St	8	•
Cranwell	1020.6	+1	NW'W	4	c	53	~~85~~ 65	8	4000	Cu	7	-	7	•
Gorleston	1019.3	+3	N'E	4	bc	48	65	7	4000	Cu.Nb	6	-	6	•
Valencia (Cabirciveen)	1024.3	0	W	3	o	50	65	9	4000	St.Cu	9	-	9	•
Roches Point	1023.4	0	SW	2	bc+	51	65	8	4000	Cu	5	-	5	•
Pembroke (St. Ann's H.)	1023.3	+2	NW	3	b-	49	75	8	4000	Cu	3	-	3	•
Ross-on-Wye	1020.5	+1	NW	3	bc-	56	55	8	4000	St.Cu	5	-	5	•
Benson	1021.1	0	N	2	bc	53	55	6	-	Cu	5	-	5	•
S. Farnborough	1020.8	0	NNW	3	c	53	55	7	4000	Cu	8	-	8	•
London (Kew Obsy.)	1021.0	+1	NNW	2	bc	51	45	7	7250	Cu	6	-	6	•
Croydon	1020.6	0	NNW	4	bc	51	45	6	4000	Cu	6	-	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1021.1	+3	NNW	1	c+	50	75	8	2500	Cu	8	-	8	•
Grain	1021.6	+2	NNW	2	o+	50	55	8	1500	St.Cu	9	-	9	•
Lympne	1020.4	+2	N'W	3	o	49	65	8	4000	St.Cu	8	A.Cu	10	•
Scilly (St. Mary's)	1022.1	+3	NE	6	o	51	75	7	4000	St.Cu	9	-	9	•
Falmouth (Pendennis)	1022.3	+2	S	3	o+	51	75	7	4000	St.Cu	9	-	9	•
Plymouth (Cattewater)	1021.7	0	SSW	4	bc	52	65	8	2500	Cu	5	-	5	•
Portland Bill	1020.7	0	WSW	3	b+	49	85	7	-	-	0	Ci.Cu	3	•
Southampton (Calshot)	1021.3	0	NNW	3	c+	53	55	7	4000	Cu	7	-	7	•
Dungeness	1020.5	+3	ENE	3	c	51	55	8	2500	Cu	6	-	6	•
Jersey	1021.5	+1	E	3	b	52	65	8	-	-	0	-	0	•

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	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1012.4	-6	SW	4	o+	42	92	6	-	-	0	A.St	10	3
Stornoway	1012.6	-2	W	4	o-	49	75	6	800	St	9	-	9	3
Wick	1012.8	-2	NW	3	o/r	49	75	9	5750	St.Cu	10	-	10	0
Castlebay	1015.5	-2	WNW	5	c+	48	92	6	800	St	7	-	7	4
Nairn	1014.1	•	WSW	2	c+	50	65	8	1500	Nb	7	-	7	•
Aberdeen	1015.0	-2	E	1	bc-	48	85	7	4000	St.Cu	4	Ci	5	0
Malin Head	1019.3	-3	W	3	o+	50	85	7	4000	St.Cu	10	-	10	0
Renfrew	1018.3	-1	WSW	4	bc-	51	65	8	4000	Cu	3	Ci.St	5	•
Edinburgh (Inchkeith)	1016.6	-2	W	4	bc-	49	75	8	-	Cu	4	Ci.St	5	4
Eskdalemuir	1018.7	0	WNW	5	c	48	55	8	4000	Cu	7	-	7	•
Tynemouth	1018.2	-1	WNW	3	bc	55	65	7	4000	Cu.Nb	4	-	4	1
Blacksod Point	1020.7	-1	W	3	o+	47	85	9	-	Cu.Nb	9	-	9	0
Donaghadee	1019.5	-2	NNW	1	c+	53	65	9	5750	St.Cu	4	A.Cu	7	1
Birr Castle	1021.7	•	W	2	c+	51	65	7	4000	Cu	8	-	8	•
Collinstown	1022.2	-1	SE'S	2	c+	49	75	7	7250	St.Cu	8	-	8	•
Holyhead	1021.5	-1	SW	3	bc	49	75	9	-	-	0	Ci	4	0
Liverpool (Bidston)	1021.0	-1	WNW	2	b	51	55	9	-	-	0	-	0	1
Chester (Shotwick)	1020.3	-1	NW	4	b	51	65	9	-	-	0	Ci	2	•
Spurn Head	1019.6	-1	ESE	4	o	48	85	7	4000	St.Cu	9	-	9	4
Nottingham	1020.4	•	WNW	2	b-	54	55	6	2500	Cu	1	Ci	2	•
Cranwell	1020.8	0	WSW	3	c-	52	65	6	4000	St	6	A.Cu	8	•
Gorleston	1020.1	+1	NE	3	b-	47	65	8	-	-	0	Ci	1	0
Valencia (Cabirciveen)	1023.6	-1	W'S	3	bc	50	65	9	4000	St.Cu	5	-	5	0
Roches Point	1022.4	-1	SW	3	c	51	75	8	4000	St.Cu	7	-	7	3
Pembroke (St. Ann's H.)	1022.9	-1	W	2	b	48	75	8	-	-	0	Ci.St	3	2
Ross-on-Wye	1020.3	0	SSW	2	o+	53	65	8	4000	St.Cu	9	-	9	
Benson	1021.1	0	-	0	b	54	55	6	-	-	0	-	0	
S. Farnborough	1021.0	0	NNW	2	mc-	53	55	6	4000	Cu	8	-	8	•
London (Kew Obsy.)	1021.3	0	N'E	2	b-	53	55	7	7250	Cu	2	-	2	•
Croydon	1021.1	0	NNE	3	c+	51	55	6	2500	Cu	8	-	8	•
Clacton-on-Sea	1021.3	0	SE	3	bc	49	75	7	4000	St.Cu	5	-	5	0
Shoeburyness	1021.5	0	N'E	1	b+	50	55	9	4000	St.Cu	1	-	1	•
Grain	1022.1	+1	-	0	bc	51	55	8	4000	St.Cu	6	-	6	0
Lympne	1021.3	0	NW	1	bc-	50	65	8	4000	Cu	4	-	4	
Scilly (St. Mary's)	1023.6	0	N	2	b	51	75	8	4000	Cu	3	-	3	1
Falmouth (Pendennis)	1022.5	0	N	3	b-	51	75	8	-	-	0	Ci	2	0
Plymouth (Cattewater)	1021.6	0	N	3	b-	53	65	8	4000	Cu	1	-	1	0
Portland Bill	1020.7	0	-	0	b	51	85	7	-	-	0	-	0	0
Southampton (Calshot)	1021.2	0	SW	4	b-	50	75	7	4000	Cu	2	-	2	0
Dungeness	1021.5	+2	SE	2	bc-	49	75	8	-	-	0	A.Cu	4	3
Jersey	1021.7	0	N	3	b	52	55	8	-	-	0	-	0	3

London Observations. (24 Hours ended 0900 G.M.T. 14th; Humidity: Yesterday / To-day)

London Observations	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	byw bcy	bcycy by	bzbfwbcnx	•	•	26	-	-	13.2	•	•
Croydon (24 hours ended 0700)	bczy	bzy	fbczy bcm	•	•	37	-	-	11.5	•	•
Greenwich (Royal Obsy.)	bc	bc	b.ox	58	37	23	-	-	11.9	46	52
City (Bunhill Row)	•	•	•	•	•	•	•	•		•	•
Westminster (St. James' Pk.)	•	•	•								
Regent's Pk. (Botanic Gdns).	•	•	•	•	•	•	•	•	12.7	•	•
Camden Square	bc	bc	•	57	41	35	-	-	•	•	58
Kensington Palace	bc	bc	•	56	39	29	-	-	•	49 (18h)	67
Hampstead Observatory	•	•	•			•				•	

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

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

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

Radio Disturbances (Atmospherics) at Croydon.†

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

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

14th & 15th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.0 3.59	11.49 11.49	7.38 7.39
Greenwich	4.12 4.10	11.56 11.56	7.40 7.42
Wick	3.50 3.48	12.8 12.8	8.27 8.29
Valencia	4.50 4.49	12.37 12.37	8.24 8.25

Beaufort Notation of Weather.

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

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

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

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

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

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

Sea Disturbance.

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

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

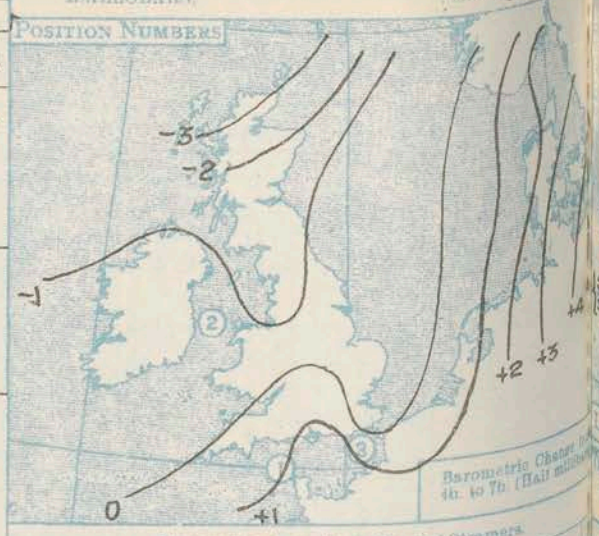
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	13h.-18h. 13th	18h. 13th to 1h. 14th	1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	c	oo	p	p	46	41	•	0·1	1	1430	<2100	•
Stornoway	b	o	c	r or d	50	44	•	0·6	2	-	-	4·8
Wick	ddir	oR	op.c	c	50	42	•	1	0·1	<0800	<2100	•
Castlebay	cbco	opbc	opo	cpbcp	48	46	•	0·2	0·4	-	—	
Nairn	c	bcc	cpq	cq	56	41	•	-	0·3	-	<2100	5·7
Aberdeen	oco	ocbc	bc.cm	bcmb	52	41	33	-	—	-	-	3·3
Malin Head	b or bc	b or bc	cp	bcp	52	45		-	0·5	-	2200	8·7
Renfrew	cvoyv	opcv	r or d m		55	44	41	trace	1	-	<2100	9·2
Edinburgh (Inchkeith)	c	c	c	c	51	43	40	-	-	-	-	9·0
Eskdalemuir	bcocy	cy	c.o	o.op	54	41	39	-	trace	-	0430	8·3
Tynemouth	bcm	c	cm	cm	58	43	36	-	-	-	-	•
Blacksod Point ...	b or bc	oo	p	b or bc	53	45		-	2	-	-	
Donaghadee	bcb	bcv	c	cq	54	45		-	—	-	-	
Birr Castle	bc	bcco	c.op	c.o	56	43	38	-	trace	-	0630	10·5
Collinstown	c	c	c	oo	53	38	?	-	—	-	-	8·3
Holyhead	bcb	bbc	b.bc.c.o	o.c	52	45	44	-	-	-	-	14·1
Liverpool (Bidston) ...	b or bc	b or bc	bc		53	41	37	-	—	-	-	13·5
Chester (Shotwick) ...	b	b	b	b	54	33	18	-	-	-	-	*
Spurn Head	b	c	b or bc	c	53	38		trace	-	<0800	-	8·1
Nottingham	c	b or bc	b	b or bc	58	36	30	-	-	-	-	7·2
Cranwell	bimbc	cocim	bc.b	bm.bc	54	37	29	-	-	-	-	10·2
Gorleston	cpqs	cqbcq	b	b or bc	50	39	32	-	-	-	-	9·0
Valencia (Cahirciveen)	co	obcy	bc.o	o.op	52	46	43	-	0·5	-	0530	5·3
Roches Point	bbc	bc	bc.b	bc	54	45	•	-	-	-	-	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	51	44	•	-	-	-	-	13·9
Ross-on-Wye	bbc	co	o.bc.c	mbw	58	35	30	-	-	-	-	9·1
Benson...	bc	bcb	b	b	56	31	26	-	-	-	-	*
S. Farnborough ...	c	ccyyz	c.bc w.		57	34	26	-	trace	-	-	10·6
London (Kew Obsy.)..	bywbcy	bcycyby	bz.bz	bzbfdbm	54	37	26	-	-	-	-	13·2
Croydon	bczy	czy	c.bczy	bc.bm	54	40	37	-	-	-	-	11·5
Clacton-on-Sea	b	bcy	bc.b	b.bcz	51	39	34	-	-	-	-	8·8
Shoeburyness ...	bboc	b or bc	b	bmx	53	36	30	-	-	-	-	9·2
Grain	bbcco	ocbc	bc.b	b	53	34	25	-	-	-	-	9·7
Lympne	bbcco	c	b or bc	b or bc	51	37	24	-	-	-	-	11·0
Scilly (St. Mary's)	bmc	cbc	b	c	56	43	•	-	-	-	-	9·4
Falmouth (Pendennis)	bzo	obcb	b	b	55	41	•	-	-	-	-	10·7
Plymouth (Cattewater)	b or bc	b or bc			54	40	32	-		-		11·9
Portland Bill ...	bbc	bcb	b	b	53	43	•	-	-	-	-	•
Southampton (Calshot)	c	c	b or bc	F	55	39	34	-	-	-	-	10·3
Dungeness	c	c	b or bc	b or bc	52	37	*	-	-	-	-	
Jersey	bbcb	b	b	b	53	40	•	-	-	-	-	13·7

ISALLOBARS. Sunday 15th May

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	13th 1200	Reindeer	NNE	3	bc	49	50
3	14th 0300	Brighton	W	2	bc-	48	50

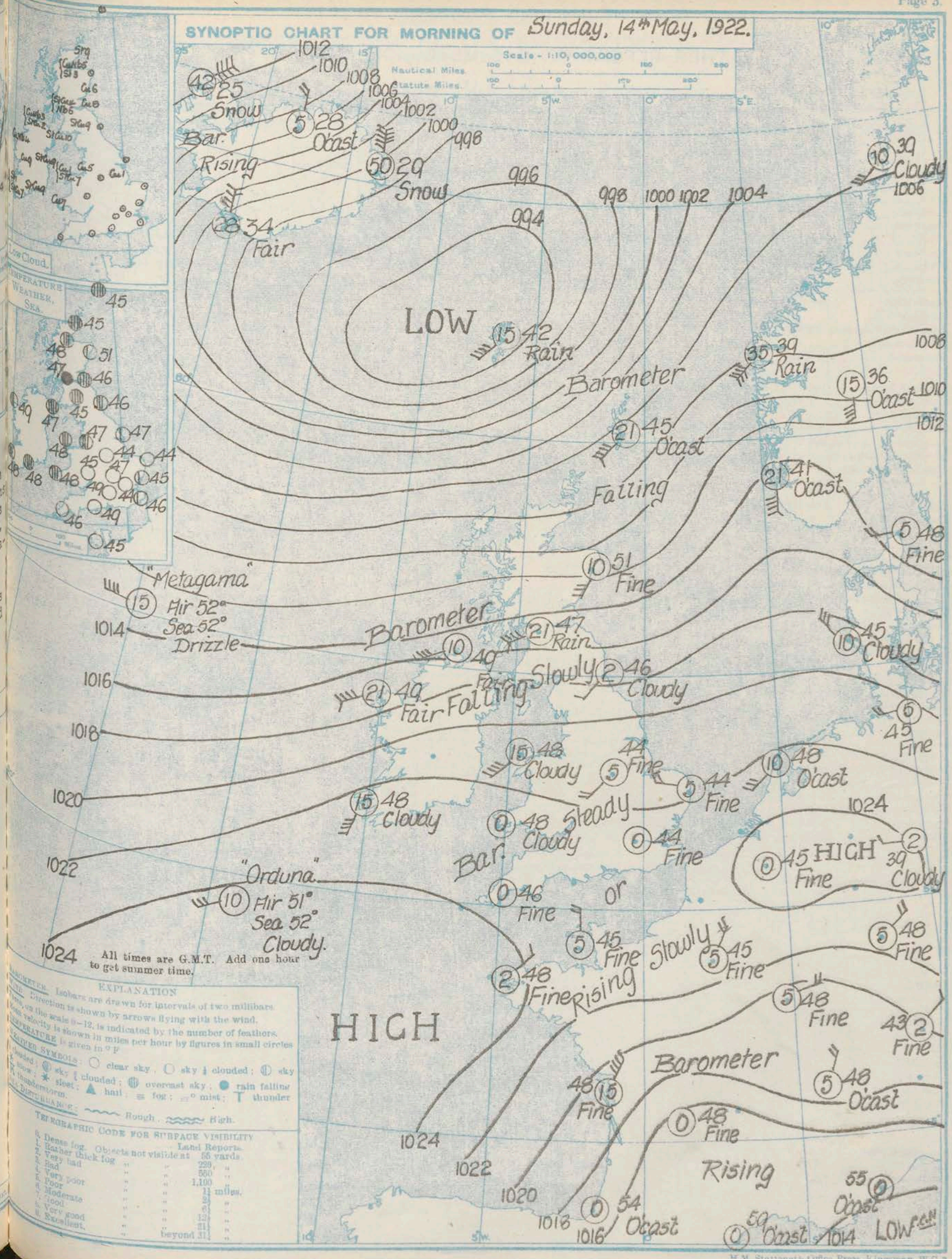
GENERAL INFERENCE.

A depression near the Faroes will cause unsettled conditions over most of the British Isles with winds mainly between S.W. and N.W and a variable temperature. In the S. and E. of England fine warm weather is likely for a time but there is a probability of the unsettled conditions spreading to these districts after tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 14th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate westerly winds; fair generally; morning mist in places; warmer.	Unsettled in all districts.
5. S.W. England 6. South Wales	Light or moderate westerly winds; fair today, cloudy with perhaps showers tomorrow; visibility mainly good; warmer.	
7. North Wales 8. N.W. England 9. N. Midlands	Moderate westerly winds, fresh at times; cloudy, some rain or showers; visibility moderate; moderate temperature.	
10. N.E. England 11. E. Scotland	Moderate westerly winds, fresh at times; variable cloud, some rain or showers; visibility moderate or good; moderate temperature.	
12. S.W. Scotland 13. Isle of Man	Same as 7 to 9.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Winds S.W, veering N.W or N; cloudy to dull, some rain; visibility moderate to good; mild then colder.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Winds between S.W and N.W, moderate to strong; variable cloud, some rain or showers; visibility mainly good; mild then colder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.20 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday, 14th May 1922. No. 134.

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008·8	-3	SW	5	o	43	97	6	-	-	0	a St	10	*
Stornoway	1012·0	-2	W	3	cot	*	*	6	*	*	*	*	*	*
Wick	1010·4	-2	SW	2	bc/r	45	97	9	2500	St	4	Ci	6	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1016·8	-2	WSW	3	c-	46	97	7	2500	Cu Nb	8	-	8	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1015·5	-2	WSW	4	bc-	45	85	8	-	St Cu	6	-	6	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1018·6	0	SW	2	bct	45	75	6	-	-	0	a Cu	4	*
Blacksod Point	1019·3	-1	WSW	4	opr	47	85	5	-	Cu Nb	9	-	9	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1022·2	0	SW	2	ot	41	97	7	2500	St Cu	9	-	9	*
Holyhead	1020·8	-1	~~SW~~ SW'S	3	ot	*	*	8	-	-	0	a Cu	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1020·7	+1	W	3	b	45	92	6	-	-	a	Ci St	2	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1021·7	0	SW'W	3	b	40	85	6	-	-	0	a Cu	1	*
Gorleston	1022·0	+1	W'S	2	b-	39	92	7	-	-	0	Ci	1	*
Valencia (Cahirciveen)	1023·1	0	NE	3	ocb	49	85	5	-	St	3	a St	9	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1022·8	0	-	0	b	46	85	8	-	-	0	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1022·4	+1	S	3	bc	43	85	6	-	-	0	Ci St	5	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1022·8	+1	-	0	b	38	85	8	-	-	0	-	0	*
Scilly (St. Mary's)	1023·3	0	N'W	1	b	45	75	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1023·6	+1	-	0	b	43	92	9	-	-	0	-	0	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1022·8	+3	E	1	b	47	85	7	-	-	0	-	0	*
Southampton (Calshot)	1023·0	+1	SE	3	b	46	97	6	-	-	0	-	0	*
Dungeness	1022·8	+1	SSW	3	b	45	85	8	-	-	0	-	0	*
Jersey 7h / Guernsey 1h	1024·2	+2	SW	2	b	45	65	8	-	-	0	-	0	*

Observations at 0700 G.M.T. 14th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006·2	-3	SW	5	o/r	45	85	7	-	-	0	a St	10	4
Stornoway	1006·9	-5	S	6	ort	49	92	5	450	St	10	-	10	4
Wick	1007·7	-3	SW	3	ot	45	97	8	800	St	9	-	9	0
Castlebay	1011·2	-2	SW	5	o/p	48	97	6	800	St	10	-	10	4
Nairn	1009·2	*	W	2	ct	48	75	8	1500	Cu Nb	8	-	8	*
Aberdeen	1011·8	-2	SW'S	3	b-	51	75	8	-	-	0	Ci St	1	0
Malin Head	1014·8	-1	WSW	3	bct	49	97	8	4000	Cu Nb	5	-	5	0
Renfrew	1015·3	-1	WSW	5	ort	47	85	6	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1014·0	-1	WSW	4	ot	46	85	8	-	Cu	8	a Cu	9	4
Eskdalemuir	1016·8	0	SW	4	o	45	85	8	1500	St Cu	9	-	9	*
Tynemouth	1017·5	-1	SW	1	c	46	75	6	-	-	0	a Cu	8	0
Blacksod Point	1017·8	-1	WSW	5	bc-	49	92	9	-	Cu Nb	4	-	4	4
Donaghadee	1018·1	-1	WSW	3	ot	47	85	8	4000	St Cu	10	-	10	3
Birr Castle	1020·4	*	WSW	2	ot	46	97	7	4000	Cu	9	-	9	*
Collinstown	1021·2	0	SW	4	o	46	92	7	2500	St Cu	9	-	9	*
Holyhead	1020·6	0	SW'W	4	c	48	75	8	2500	St Cu	8	-	8	0
Liverpool (Bidston)	1020·2	-1	SW	3	ct	47	75	8	2500	Cu	5	-	5	2
Chester (Shotwick)	1019·6	-1	WSW	3	b	49	65	8	-	-	0	a Cu	3	*
Spurn Head	1021·0	+1	W	3	b	47	85	7	-	-	0	Ci St	2	3
Nottingham	1021·3	*	SW	2	b	44	75	6	-	-	0	-	0	*
Cranwell	1021·7	0	SW'W	3	bct	45	75	6	4000	Cu	1	a Cu	4	*
Gorleston	1021·5	0	W'N	2	b	44	75	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1022·1	0	SSW	2	c	48	85	9	2500	St Cu	8	-	8	0
Roches Point	1022·6	0	W	2	ot	48	75	8	4000	St Cu	9	-	9	0
Pembroke (St. Ann's H.)	1022·8	0	-	0	c	48	75	8	4000	Cu	7	-	0	*
Ross-on-Wye	1022·1	0	WSW	2	b	45	65	8	-	-	0	-	0	*
Benson	1022·5	0	-	0	b	47	85	7	-	-	0	-	0	*
S. Farnborough	1022·8	+1	SW	2	b	49	85	7	-	-	0	-	0	*
London (Kew Obsy.)	1023·6	+1	-	0	mb-	44	85	6	-	-	0	-	0	*
Croydon	1022·9	+1	SSW	3	b	47	85	7	-	-	0	-		
Clacton-on-Sea	1022·9	+1	W	2	b-	45	85	6	-	-	0	Ci St	3	0
Shoeburyness	1023·3	+1	WSW	1	mb	50	65	6	-	-	0	-	0	*
Grain	1023·8	+1	SW	1	b	50	75	6	-	-	0	-	0	0
Lympne	1023·2	+1	WNW	3	b	46	92	7	-	-	0	Ci	3	*
Scilly (St. Mary's)	1023·6	0	WNW	3	o	49	75	8	4000	Cu	10	-	10	0
Falmouth (Pendennis)	1023·9	0	-	0	b	46	92	9	-	-	0	-	0	0
Plymouth (Cattewater)	~~1021·7~~	~~0~~	~~SSW~~	~~4~~	~~bc~~	~~52~~	~~85~~	~~8~~	~~2500~~	~~Cu~~	~~5~~	-	~~5~~	~~3~~
Portland Bill	1022·8	0	-	0	b	49	85	7	-	-	0	-	0	0
Southampton (Calshot)	1023·4	+1	NNW	2	mb	42	97	5	-	-	0	-	0	0
Dungeness	1023·5	+1	NW	1	b	50	75	8	-	-	0	-	0	2
Jersey 7h / Guernsey 1h	1023·7	0	N	2	b	45	85	8	-	-	0	-	0	0

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 12th °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.
Banff	ocb	cco	39	52	1	-	3·4	1·5
Montrose	cbc	bc	38	59	-	-	5·2	5·0
Llandudno	bcb	cb	34	54	-	-	11·5	9·0
Colwyn Bay	bc	bc	39	53	-	-	11·1	9·1
Rhyl	bcb	b	33	51	-	-	11·4	6·3
Southport	c	b	35	52	-	-	12·5	6·7
Blackpool	b	bc	33	53	-	-	12·4	5·5
Harrogate	bc	bcc	32	54	-	-	5·2	3·4
Skegness	cbc	b	35	50	0·2	-	8·6	11·4
Aberystwyth	b	bcb	34	51	-	-	12·0	8·3
Bath	bbc	bbcc	32	58	-	-	8·4	9·0
Leamington Spa	cb	cb	34	55	-	-	10·3	5·5
Lowestoft	cobc	cbc	38	49	1	0·2	6·0	9·6
Felixstowe	cbc	bc	35	52	-	-	7·5	4·9
Southend	bc	bc	34	55	-	-	7·2	3·5
Paignton	b	bc	38	57	-	-	11·0	6·0
Ilfracombe	b	b	39	53	-	-	11·4	8·0
Bude	b	b	34	52	-	-	11·0	10·4
Penzance	bccb	b	41	56	-	-	8·3	6·4
Falmouth Observatory	dcogz	ogb	40	55	-	-	8·2	3·9
Torquay	b	b	39	56	-	-	10·9	?
Weymouth	b	bbc	35	58	-	-	11·5	6·8
Bournemouth	bcb	bcb	33	55	-	-	7·5	6·5
Portsmouth (S'thsea)	b	b	36	56	-	-	10·8	5·4
Worthing	bc	bc	35	56	-	-	11·6	5·8
Brighton	bc	bc	36	52	-	-	11·5	5·6
Eastbourne	bbc	bcb	37	54	-	-	11·2	5·9
Hastings	bbc	bcbbc	36	53	-	-	10·9	5·3
Folkestone	cbc	bcc	37	57	-	-	7·6	5·4
Tunbridge Wells	b	bc	35	55	-	-	11·7	4·4
Ramsgate	b	b	39	47	0·2	-	11·2	6·3
Margate	bc	bbc	41	50	-	-	10·4	6·4
Deal	b	bc	38	51	†	-	8·8	4·8

* 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.22089 MONDAY, 15th May 1922.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-6
Lerwick	999·7	-7	SW	7	orr	46	92	6	2500	Nb	10	-	10	*
Stornoway	1003·3	0	W	6	o+r	46	92	5	450	SV	10	-	10	*
Wick	1002·4	-5	SW	5	o	53	85	8	4000	Sc.Cu	5	asc	10	*
Shetland	1007·9	-2	SW	6	r₀r₀	49	87	4	450	Nb	10	-	10	*
Cairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1007·6	-3	SWW	4	bc	62	45	8	4000	Cu	4	a.Cu	5	*
Malin Head	1013·6	-2	WSW	2	o	51	97	7	4000	Nb	10	-	10	*
Renfrew	1013·7	-2	SW	5	o|r	51	75	8	2500	Sc.Cu	10	-	10	*
Edinburgh (Inchkeith)	1011·0	-2	WSW	5	o	50	75	8	-	Sc.Cu	9	-	9	*
Eskdalemuir	1015·5	-1	SW	6	o	48	75	8	1500	Sc.Cu	10	-	10	*
Tynemouth	1015·7	-2	SW	3	bc	57	45	7	4000	Cu	6	-	6	*
Blacksod Point	1016·3	-1	NW	6	bc+	51	85	9	-	CuNb	6	-	6	*
Donaghadee	1016·6	-1	W	3	c-	57	65	8	5750	Cu	7	-	7	*
Birr Castle	1019·5	*	W	2	c-	56	75	8	4000	Cu	8	-	8	*
Collinstown	1019·8	-1	SW'W	4	o	54	75	8	2500	Sc.Cu	9	-	9	*
Holyhead	1020·5	0	SW'S	4 5	o	51	75	9	4000	Sc.Cu	8	a.Sc	10	*
Liverpool (Bidston)	1019·8	-1	W	4	o+	52	65	8	2500	Sc.Cu	9	-	9	*
Chester (Slotwick)	1019·2	0	SW	4	c	57	55	9	2500	Sc.Cu	8	-	8	*
Spurn Head	1018·6	-3	W	4	bc	58	97	6	4000	Cu	5	-	5	*
Nottingham	1019·5	*	W	4	c	57	55	7	2500	Cu	7	-	7	*
Cranwell	1020·0	-2	SW'W	5	bc	60	55	7	4000	Cu	4	Ci.St.	5	*
Gorleston	1020·6	0	WSW	4	bc+	60	45	6	4000	Cu	5	-	5	*
Valencia (Cahirciveen)	1022·0	+1	WSW	4	bc	53	75	9	2500	Sc.Cu	4	Ci.Cu	6	*
Roches Point	1021·7	0	WSW	4	o	52	85	8	1500	Sc.Cu	10	-	10	*
Pembroke (St. Ann's H.)	1023·2	0	WSW	2	bc	52	75	8	5750	Sc.Cu	5	-	5	*
Ross-on-Wye	1020·4	-1	WSW	3	bc	60	55	7	4000	Sc.Cu	5	-	5	*
Benson	1021·5	-1	WSW	2	b-	62	45	6	-	Cu	2	-	2	*
S. Farnborough	1021·8	-1	WSW	3 3	c+	61	75	6	2500	Cu	8	-	8	*
London (Kew Obsy.)	1022·0	-3	SW	2	bc-	61	55	7	4000	Cu	4	-	4	*
Croydon	1021·8	-1	SW	3	c-	60	45	7	4000	Cu	7	-	7	*
Cheltenham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1022·0	0	SE	2	b	62	45	8	5750	Sc.Cu	1	-	1	*
Grain	1022·4	-2	S	3	b	61	45	8	4000	Cu	2	-	2	*
Lympne	1022·8	-1	S	3	b	55	65	8	4000	Cu	1	Ci	2	*
Scilly (St. Mary's)	1024·2	0	WNW	1	c-	55	65	8	4000	SvCu	8	-	8	*
Falmouth (Pendennis)	1023·9	0	NW	3	bc+	55	75	9	4000	Cu	6	-	6	*
Plymouth (Cattewater)	1023·2	0	~~SSE~~ SW	4	b-	53	75	8	2500	~~Nb~~ Cu	2	-	2	*
Portland Bill	1023·8	+4	SW'W	3	b	52	85	7	-	-	0	-	0	*
Southampton (Calshot)	1023·0	-1	SSW	4	b-	57	65	8	4000	Cu	1	-	1	*
Dungeness	1023·3	0	SW	2	b-	56	75	8	-	-	0	Ci	2	*
Jersey	1023·9	0	WSW	2	b	54	65	8	-	-	0	-	0	*

Observations at 1800 G.M.T. 14th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-6
Lerwick	998·7	0	W	6	bc p₀	44	75	7	5750	Nb	6	-	6	5
Stornoway	1004·4	+1	W	6	bc/r	45	75	5	4000	Cu	5	-	5	5
Wick	1003·1	+3	W	3	o|r	46	92	8	2500	Nb	7	asc	10	0
Shetland	1009·7	+1	WNW	5	o|r	47	75	6	1500	St	10	-	10	5
Cairn	1006·3	*	W	5	c p R	44	85	8	2500	Nb	8	-	8	*
Aberdeen	1006·0	-3	SW	5	bc-	56	65	8	4000	Sc.Cu	4	-	4	0
Malin Head	1012·5	-2	WSW	3	od₀+	50	97	6	4000	Nb	10	-	10	1
Renfrew	1011·4	-3 -2	SW	5	or-	50	85	5	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	1008·9	-2	WSW	6	o	51	85	8	-	Sc	3	asc	10	5
Eskdalemuir	1013·9	-1	SW	6	o+	49	75	7	2500	Sc.Cu	10	-	10	*
Tynemouth	1014·5	-1	SW	3	bc+	55	55	7	4000	Cu	4	-	4	2
Blacksod Point	1016·5	-1	SW	7	o+	51	92	8	-	-	0	asc	10	6
Donaghadee	1015·8	-1	W	3	o+	55	65	8	5750	Cu	9	-	9	2
Birr Castle	1019·4	*	W	3	o+	55	75	7	4000	St Cu	9	-	9	*
Collinstown	1019·6	0	W	4	o	54	75	8	2500	Sc.Cu	9	-	9	*
Holyhead	1019·6	-1	SW	5	o	51	85	8	4000	Sc.Cu	4	a.Cu	9	3
Liverpool (Bidston)	1019·1	-1	WSW	4	c	53	65	9	-	Sc	8	-	8	4
Chester (Slotwick)	1019·0	0	SW	4	c	53	55	9	7250	Sc.Cu	7	-	7	*
Spurn Head	1018·3	0	W	4	bc	55	92	6	4000	Sc	5	-	5	3
Nottingham	1019·1	*	WNW	4	b-	57	55	7	-	-	0	Ci	1	*
Cranwell	1019·5	0	W'S	4	bc-	58	65	8	4000	Cu	1	a.Cu	3	*
Gorleston	1019·8	-1	SW'W	5	b-	57	45	6	-	-	0	Ci.Cu	2	4
Valencia (Cahirciveen)	1021·8	0	WSW	4	bc	53	75	9	2500	Sc.Cu	5	Ci.Cu	6	0
Roches Point	1021·7	0	WSW	3	c-	52	85	8	1500	Sc.Cu	8	-	8	3
Pembroke (St. Ann's H.)	1022·8	-1	WSW	3	bc	49	85	8	5750	Sc.Cu	6	-	6	0
Ross-on-Wye	1020·2	0	SW	3	b-	56	55	8	-	-	-	Ci	1	*
Benson	1021·0	0	W	2	b	59	55	7	-	-	0	-	0	*
S. Farnborough	1020·6	0	SW	4	b	59	55	7	-	-	0	-	0	*
London (Kew Obsy.)	1020·6	-1	SSW	4	b+	62	45	7	4000	Cu	1	-	1	*
Croydon	1021·0	-1	SW	3	b	56	65	7	-	-	0	-	0	*
Cheltenham	1020·7	-1	S	4	b	55	65	7	-	-	0	-	0	0
Shoeburyness	1020·9	-2	SSW	2	b	56	55	8	-	-	0	-	0	*
Grain	1021·8	-1	SSW	2	b	57	55	8	-	-	0	-	0	0
Lympne	1021·9	0	S	3	b-	51	65	8	-	-	0	Ci	1	*
Scilly (St. Mary's)	1024·2	0	WNW	2	c	52	65	8	4000	Sc.Cu	8	-	8	0
Falmouth (Pendennis)	1023·8	0	NW	3	b-	53	75	9	4000	Cu	3	-	3	0
Plymouth (Cattewater)	1022·7	0	W	2	b	55	55	8	4000	Cu	1	-	1	1
Portland Bill	1023·8	0	SW'W	4	b	51	85	7	-	-	0	-	0	2
Southampton (Calshot)	1022·3	-1	SW	4	b	53	75	8	-	-	0	-	0	0
Dungeness	1022·2	-1	WSW	3	b	52	85	8	-	-	0	-	0	3
Jersey	1022·9	0	WNW	3	b	53	75	8	-	-	0	-	0	3

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mins. Day.	Rainfall. mins. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %
	24 HOURS ENDED 0900 G.M.T. 15th								YESTERDAY	TO-DAY	
Kew											
Croydon } 24 hours ended 0700	bybey	beyby	bzbb	*	*	27	-	-	12·0	*	*
Greenwich (Royal Obsy.)	bey	cby	bbc	*	*	33	-	-	12·9	*	*
City (Bunhill Row)	bc	bc	bbcb	65	40	24	-	-	12·0	51	60
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	11·0	*	*
Regent's Pk. (Botanic Gdns.)	bc	bc	bc	64	41	35	-	-	*	50	65
Camden Square	*	*	*	*	*	*	*	*	11·7	*	*
Kensington Palace	b	b	*	65	42	37	-	-	*	52 (18h)	59
Hampstead Observatory	b	b	*	63	41	32	-	-	*		64
	bc	b	*	61	40	30	-	-	11·7	*	64

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

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

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

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th ..... 21 h. 0 m. to 15th ..... 3 h. 0 m.

Stars.	Exposure. h. m.	Record h. m.	Record %
Polaris	6·0	6·0	100
δ Ursae Minoris	6·0	6·0	100

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per sec.	Strength.	Direc.
10h.	-	-	-	-
12h.	-	-	-	-
14h.	-	-	-	-
16h.	-	-	-	-
18h.	-	-	-	-

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

15th + 16th May, 1922.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.59 / 3.58	11.49 / 11.49	7.39 / 7.40
Greenwich	4.10 / 4.9	11.56 / 11.56	7.42 / 7.43
Wick	3.48 / 3.46	12.8 / 12.8	8.29 / 8.31
Valencia	4.48 / 4.47	12.37 / 12.39	8.25 / 8.26

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

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

SEA DISTURBANCE.

0=no swell } Calm or
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.

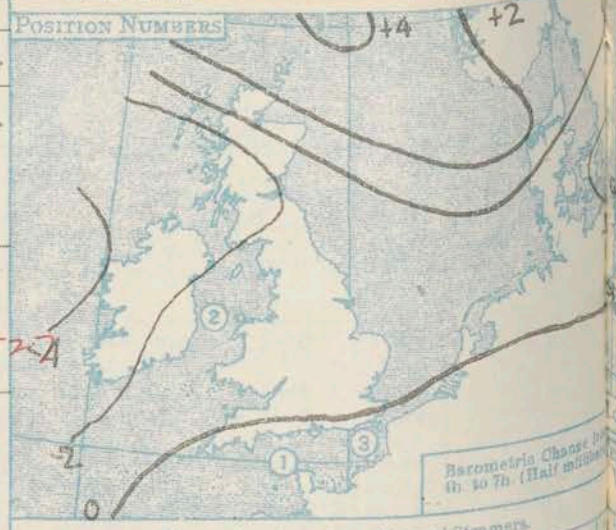
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.–13h. 14th	13h.–18h. 14th	18h. 14th to 1h. 15th	1h.–7h. 15th	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	r or d	p	h r r h	h r r h	46	37	•	4	1	<0800	<2100	•
Stornoway	r r d	r r d	p	r r d	50	39	•	5	6	<0800	<2100	3.4
Wick	oo	orr	opq	od,nd	55	36	•	3	0.3	13.30	<2100	•
Castlebay	ohr	nrro	o	orr	49	42	•	2	12	—	-	0.0
Nairn	qcir	cir	r r o	o r o	59	40	•	5	3	16.30	-	2.8
Aberdeen	cbc	cbcqs	copr.	~~o r o~~ o r o m	62	44	39	-	1	-	<2100	8.3
Malin Head[b]	qopo	oqmd	od.d	od.d.	54	49	•	0.2	1	12.30	2200	3.4
Renfrew	oirov	od.irq	omrr.	oqmrr	53	43	43	1	3	<0800	3.30	2.5
Edinburgh (Inchkeith)	oo	oo	id.	f r m	53	42	41	-	2	-	3.30	5.1
Eskdalemuir	p	op	o i d		51	43	No reading	0.2	1	<0800	<2100	~~0.0~~ 2.4
Tynemouth	cm	qs	cm	oom	59	50	45	-	-	-	-	•
Blacksod Point ...	b or bc	oo	oo	oo	55	50	•	-	0.4	-	-	•
Donaghadee	bcb	cqs	o	bcq	60	50	•	-	-	-	-	•
Birr Castle	c	c	co	co	56	46	42	-	-	-	-	2.3
Collinstown	oo	oo	oob.bc	c	58	46	•	trace	-	r100	-	2.9
Holyhead	co	ov	oc	bc	53	47	45	-	-	-	-	2.2
Liverpool (Bidston) ...	bc	bc	b		55	47	40	-	-	-	-	6.6
Chester (Shotwick) ...	bcc	cbcc	cbc.b	b.bc	59	45	34	-	-	-	-	•
Spurn Head	b or bc	b or bc	b r bc	b r bc	61	44	•	-	-	-	-	11.5
Nottingham	c	b or bc	b	b r bc	60	41	36	-	-	-	-	12.3
Cranwell	b or bc	cbcb	b.bc	bbeim	61	42	37	-	-	-	-	14.0
Gorleston	bbccqs	bcqb	b r bc	b r bc	62	45	36	-	-	-	-	13.0
Valencia (Cahirciveen)	obvbc	bcc	bc.c.o	o	54	50	48	0.3	-	<0800	-	6.7
Roches Point	oco	oc	bebw	bo	55	46	•	-	trace	-	-	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b r bc	b r bc	52	47	•	-	-	-	-	13.0
Ross-on-Wye	bbc	bcy	bybcvb	bw	61	41	35	-	-	-	-	12.9
Benson...	b	b	b	b.bc	66	33	26	-	-	-	-	•
S. Farnborough ...	bbcc	cocbcy	b.b	b.b	64	34	25	-	-	-	-	12.3
London (Kew Obsy.)...	bybcy	bcyby	bzbb	bbmw	62	40	27	-	-	-	-	12.0
Croydon	bcy	cby	bbc	bc.c	62	39	33	-	-	-	-	12.9
Clacton-on-Sea ...	bc	bz	bz	b.bcz	57	43	37	-	-	-	-	13.6
Shoeburyness	b or bc	b or bc	b	bm	62	41	35	-	-	-	-	13.2
Grain	bbcb	cb	b	bbc	62	37	28	-	-	-	-	13.0
Lympne	b or bc	b or bc	b r bc	abccm bc	56	39	29	-	-	-	-	~~14.3~~ 14.4
Scilly (St. Mary's) ...	o.c.	oo	b r bc	c	56	47	•	-	-	-	-	2.9
Falmouth (Pendennis)	cbcbbc	bcb	b	b	56	44	•	-	-	-	-	12.6
Plymouth (Cattewater)	b or bc	b or bc	b	b r bc	56	39	35	-	-	-	-	13.6
Portland Bill	b	b	b	b bc	53	46	•	-	-	-	-	•
Southampton (Calshot)	b	b or bc	b r bc	bbc	57	40	36	-	-	-	-	13.0
Dungeness	b or bc	b or bc	b r bc	mbf	56	38	•	-	-	-	-	•
Jersey	b	b	b	b	58	40	•	-	-	-	-	13.8

ISALLOBARS. 15th May.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	14th 1000	"Hibernia"	W	2	C	49	48
3	15th 0200	"Dieppe"	SW	1	b	48	50

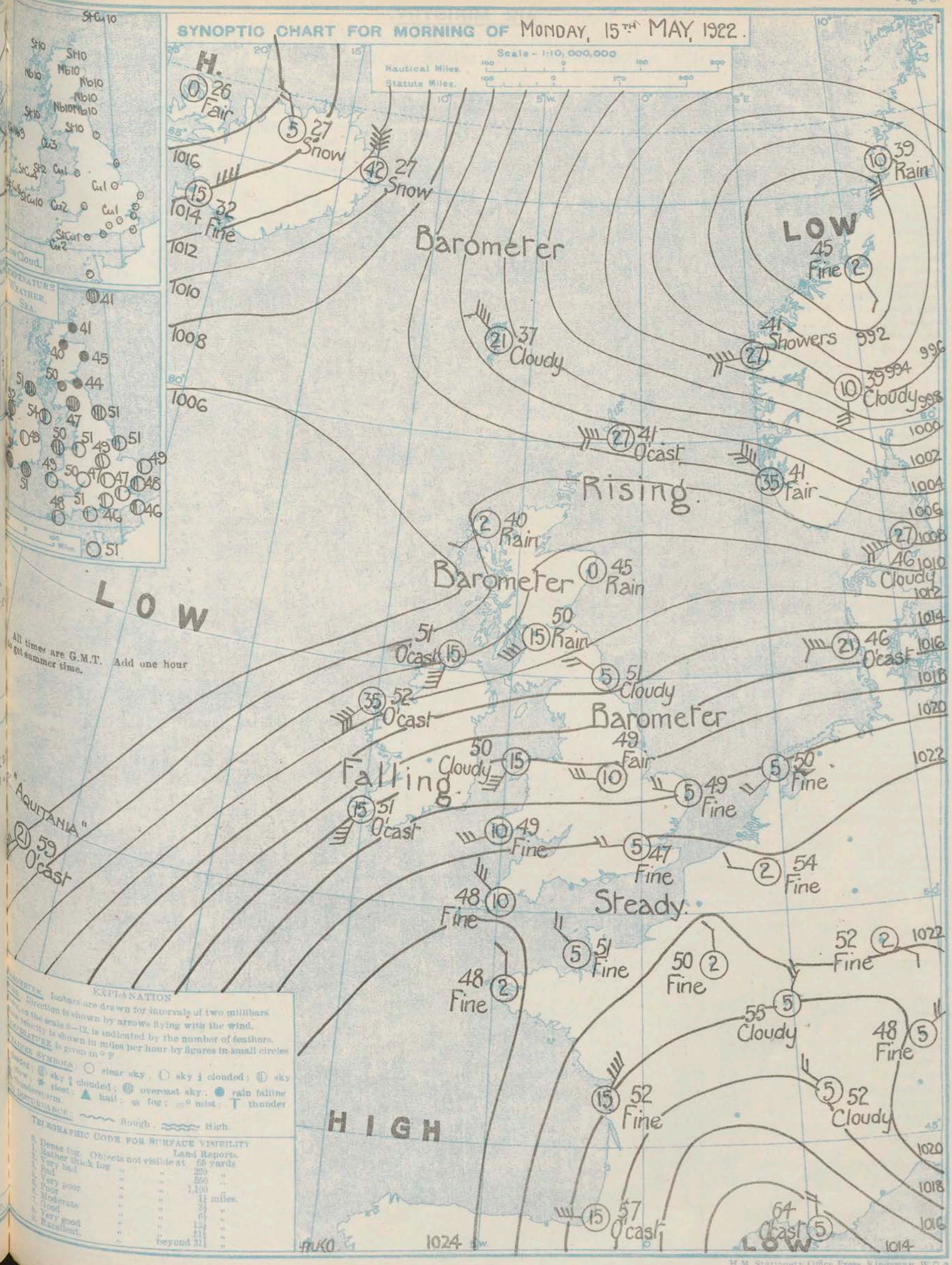
GENERAL INFERENCE.

A new depression advancing from the westward is likely to cause rain in all districts except perhaps the southeast. After becoming temporarily warmer a return to cold weather with northerly winds is indicated.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 15th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S.W. moderate; fine to cloudy; visibility mainly good; warmer.	Colder again with northerly winds.
4. W. Midlands 5. S.W. England 6. South Wales	Wind S.W. to W, moderate or fresh; cloudy, some rain or showers probable; some coast mist; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind S to S.W, fresh or strong veering W later; dull, some rain; visibility moderate, mist in places; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind S. to S.W veering W moderate to strong; dull, some rain; visibility moderate; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. veering later to N.W., fresh or strong; dull, some rain; visibility moderate, some coast mist; moderate temperature, then colder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 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, 15th May 1922. No. 135

Observations at 0100 G.M.T. 15th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1000.8	+4	W	6	cpho	38	85	6	4000	Nb	5	ASr	7	*
Stornoway	1009.9	+4	W	3	PR	*	*	5	*	*	*	*	*	*
Wick	1007.2	+4	W	3	o/r	40	97	8	1500	Sr	2	CiSr	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1012.7	!	W	3	oddo	50	97	6	2500	Nb	10	-	10	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1011.8	+3	W	4	o/r	46	92	9	-	Sr	3	ASr	10	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1014.4	0	WSW	2	bc	52	75	6	.	-	0	ASr	6	*
Blacksod Point	1014.9	-2	SW	8	o	50	97	7	-	.	0	ASr	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1019.3	-1	WSW	4	c+	48	85	8	2500	SrCu	8	aCu	8	*
Holyhead	1019.2	0	SW	4	bc	*	*	8	2500	SrCu	4	~~ASr~~	6	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1018.1	0	SW	4	c	46	92	6	-	-	0	CiSr	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1020.7	+1	SW'W	3	bc	43	85	7	.	.	0	Ci	4	*
Gorleston	1020.0	0	W'N	3	b.	~~48~~ 47	75	7	-	-	0	-	0	*
Valencia (Cahirciveen)	1019.2	-1	SW	3	o+	50	97	5	-	Sr	3	ASr	10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1022.2	-1	WSW	3	b	48	85	8	5750	SrCu	3	-	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	44	*	*	*	*	*	*	*	*
Croydon	1022.3	+1	-	0	bc	45	~~68~~ 81	7	-	-	0	Ci	5	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1022.4	0	-	0	b	40	92	8	-	-	0	.	0	*
Scilly (St. Mary's)	1024.2	0	WNW	3	b	48	92	9	-	-	0	-	0	*
Falmouth (Pendennis)	1025.1	0	NW	2	b	50	65	8	4000	Cu	2	.	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1022.9	-1	NNW	2	b	49	85	7	-	-	0	-	0	*
Southampton (Calshot)	1023.1	0	W'N	2	b	43	85	8	-	-	0	Ci	2	*
Dungeness	1022.0	0	N	3	b-	46	97	8	-	-	0	Ci	2	*
Jersey 7h / Guernsey 1h	1022.3	+1	NNW	3	b	47	75	7	-	-	0	-	0	*

Observations at 0700 G.M.T. 15th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1004.8	+5	N	6	o/s(h)	41	65	7	5750	SrCu	10	-	10	5
Stornoway	1008.2	0	SW	1	oror	40	97	5	450	Sr	10	.	10	0
Wick	1008.8	+2	N	1	oddo	41	92	7	800	Sr	10	.	10	0
Castlebay	1005.3	-5	N	5	orr	48	97	5	800	Nb	10	-	10	6
Nairn	1008.9	*	-	0	orr	40	97	7	2500	Nb	10	-	10	*
Aberdeen	1010.2	0	-	0	oro	45	75	6	2500	Nb	10	.	10	0
Malin Head	1009.7	-3	SSW	4	o.	51	75	9	2500	Sr	10	-	10	1
Renfrew	1010.7	-3	SW	4	orr	50	97	5	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1010.7	-2	-	0	odd	44	97	6	-	Nb	10	.	10	1
Eskdalemuir	1013.6	0	SW'S	4	o	47	92	6	800	Sr	10	.	10	*
Tynemouth	1013.8	-1	NW'W	2	c	51	75	6	.	.	0	ASr	8	0
Blacksod Point	1011.7	-4	SW	7	o	52	85	8	.	CuNb	9	-	9	7
Donaghadee	1014.4	-2	WSW	3	bc+	54	75	8	5750	Cu	3	CiCu	5	3
Birr Castle	1017.2	*	S	1	bc-	49	92	8	4000	SrCu	4	CiCu	6	*
Collinstown	1017.9	-1	SW'S	4	c	48	92	8	2500	Sr	2	CiSr	8	*
Holyhead	1018.2	-01	SW'S	4	c+	50	85	8	4000	Cu	1	Ci	7	9
Liverpool (Bidston)	1017.8	-1	SW	3	b	51	75	8	.	-	0	CiSr	3	*
Chester (Shotwick)	1017.4	-1	SW	2	bc	54	65	8	4000	Cu	1	Ci	5	*
Spurn Head	1018.3	0	SW	4	bc	51	75	6	-	-	0	CiCu	4	4
Nottingham	1019.3	*	W	3	bc	49	85	6	4000	Cu	1	Ci	4	*
Cranwell	1020.1	0	SW	4	bc	49	85	7	-	.	0	CiSr	6	*
Gorleston	1020.0	0	W'N	2	b-	49	75	6	-	.	0	CiCu	3	0
Valencia (Cahirciveen)	1018.6	-3	SSW	4	o.	51	75	9	2500	SrCu	8	ACu	9	3
Roches Point	1019.9	-2	WSW	3	o	51	85	8	1500	SrCu	10	.	10	3
Pembroke (St. Ann's H.)	1021.5	0	WSW	3	b	49	85	8	4000	Cu	2	Ci	3	3
Ross-on-Wye	1020.8	-1	WSW	2	b	50	75	7	-	.	0	Ci	1	*
Benson	1021.4	0	-	0	b	47	92	7	-	Cu	1	Ci	3	*
S. Farnborough	1022.0	+1	W'S	2	bc	46	92	8	-	.	0	Ci	5	*
London (Kew Obsy.)	1022.3	0	W	2	b	47	85	6	-	.	0	Ci	3	*
Croydon	1021.9	0	WSW	2	c	49	75	7	-	.	0	Ci	8	*
Clacton-on-Sea	1021.4	0	W	2	bc	48	85	6	-	.	0	Ci	5	0
Shoeburyness	1021.7	0	WSW	1	mmb	48	75	6	-	.	0	Ci	2	*
Grain	1021.7	0	WSW	1	bc	48	75	6	-	.	0	Ci	5	0
Lympne	1021.8	0	W'N	2	bc	47	85	6	-	.	0	CiSr	5	*
Scilly (St. Mary's)	1022.7	-2	W'S	3	o	50	75	8	4000	StCu	9	-	9	2
Falmouth (Pendennis)	1023.0	+1	NW	3	b	48	92	9	4000	Cu	2	CiCu	3	0
Plymouth (Cattewater)	1023.1	+1	-	0	b-	48	85	7	4000	SrCu	1	-	1	0
Portland Bill	1022.7	0	N'S	2	b+	51	85	7	-	-	0	CiCu	2	1
Southampton (Calshot)	1022.4	0	WNW	2	c+	45	85	8	-	-	0	Ci	7	0
Dungeness	1022.4	0	-	0	bc+	46	97	7	-	-	0	CiCu	5	2
Jersey 7h / Guernsey 1h	1023.1	0	NW	2	b	51	75	8	-	-	0	-	0	0

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

Stations	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night. 13th °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.
Banff	oc	coqr	40	61	0.1	-	3.5	3.4
Montrose	bc	c	39	57	-	-	7.3	7.1
Llandudno	c	c	37	50	-	-	5.2	14.2
Colwyn Bay	bc	bcc	45	57	-	-	6.3	14.1
Rhyl	cbc	cbc	39	56	-	-	7.1	13.9
Southport	bcc	coc	41	55	-	-	2.7	14.4
Blackpool	oc	o	45	54	-	-	1.6	14.4
Harrogate	b	b	37	54	-	-	9.3	6.7
Skegness	b	b	37	64	-	-	11.3	10.0
Aberystwyth	cbo	cbb	37	54	-	-	8.5	14.5
Bath	b	b	34	60	-	-	10.8	8.4
Leamington Spa	b	bc	36	62	-	-	8.6	10.3
Lowestoft	bcb	bcb	39	59	-	-	11.9	8.0
Felixstowe	bm	bz	39	56	-	-	12.3	9.0
Southend	b	b	40	65	-	-	11.5	8.4

Stations	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night. 13th °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
Paignton	b	b	41	56	-	-	12.3	12.6
Ilfracombe	b	b	41	54	-	-	11.9	13.3
Bude	wbcb	b	33	56	-	-	11.8	13.0
Penzance	bc	bc	38	57	-	-	7.7	10.5
Falmouth Observatory	bc	by	38	58	-	-	10.7	10.6
Torquay	b	b	40	62	-	-	11.7	12.4
Weymouth	b	b	37	60	-	-	11.5	12.0
Bournemouth	b	b	36	60	-	-	11.5	8.0
Portsmouth (S'thsea)	b	b	40	60	-	-	11.0	11.1
Worthing	b	b	40	57	-	-	11.8	11.9
Brighton	b	b	40	55	-	-	11.5	12.1
Eastbourne	b	b	41	57	-	-	12.1	12.6
Hastings	b	b	41	56	-	-	12.3	12.6
Folkestone	b	b	40	58	-	-	12.0	8.6
Tunbridge Wells	b	b	36	60	-	-	11.7	12.5
Ramsgate	b	b	37	57	-	-	11.8	13.1
Margate	b	b	40	?60	-	-	11.4	12.1
Deal	b	b	36	61	-	-	12.2	10.5

* 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.22,090. Tuesday 16th May 1922.

Observations at 1800 G.M.T. 15th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008·4	+5	W	4	bc	43	65	7	5700	Cu	6	-	6	*
Stornoway	1007·4	-1	NE	5	o/r	44	85	6	450	St	10	-	10	*
Wick	1008·5	0	NNE	1	od$_o$	40	97	8	800	St	10	-	10	*
Castlebay	1005·2	+1	WSW	5	o/r$_o$	50	92	5	450	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1008·5	-2	SSE	2	orr	46	97	6	2500	Nb	10	-	10	*
Malin Head	1009·8	-1	SSW	4	or$_o$	52	92	7	4000	St	10	-	10	*
Renfrew	1010·3	-0	SW	4	orr	51	92	5	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1008·6	0	WSW	5	od$_o$	51	85	7	-	Nb	10	-	10	*
Eskdalemuir	1013·0	0	SSW	5	od$_o$	48	85	6	2500	Nb	10	-	10	*
Tynemouth	1012·7	-1	WSW	3	0	59	75	6	4000	Stcu	10	-	10	*
Blacksod Point	1010·7	-0	SW	8	0	53	85	7	-	-	-	A St	10	*
Donaghadee	1012·7	-1	WSW	3	bc-	61	85	8	5700	Cu	2	A Cu	+	*
Birr Castle	1015·5	*	S	2	c+	58	85	8	4000	Cu	6	Ci	2	*
Collinstown	1015·7	-3	SW	4	c-	60	75	8	2500	Stcu	6	Ci St	2	*
Holyhead	1017·2	-2	SW 6	6	bc-	55	75	8	2500	Cu	1	A St 5+	*	*
Liverpool (Bidston)	1017·0	-1	SWW	4	bc-	58	55	8	4000	Stcu	3	Ci	2	*
Chester (Shotwick)	1015·8	-3	SW	5	c-	62	55	9	4000	Stcu	4	A St	7	*
Spurn Head	1016·9	-2	WSW	4	c	61	92	6	4000	Cu	3	Ci Cu	4	*
Nottingham	1017·8	*	WSW	4	c+	60	65	7	2500	Stcu	4	Ci St	4	*
Cranwell	1018·3	-1	SW	5	o+	61	65	6	4000	Stcu	7	Ci St	2	*
Gorleston	1018·6	-1	WSW	4	bc+	63	45	6	-	-	-	Ci Cu	5	*
Valencia (Cahirciveen)	1017·4	-1	SW	5	c	56	75	8	2500	Stcu	8	-	8	*
Roches Point	1018·8	-1	SW	4	o	55	75	8	1500	Stcu	10	-	10	*
Pembroke (St. Ann's H.)	1021·5	0	WSW	4	o	51	75	8	5700	Stcu	10	-	10	*
Ross-on-Wye	1019·6	-2	WSW	4	c	59	55	8	4000	Cu	3	Ci	4	*
Benson	1018·9	-2	WSW	4	bc	62	55	8	-	Cu	4	Ci	5	*
S. Farnborough	1020·4	-1	SW	3	bc	64	55	8	4000	Cu	1	Ci St	5	*
London (Kew Obsy.)	1019·9	-3	SW	2	b	61	55	8	*	-	-	Ci	3	*
Croydon	1020·1	-3	WS	3	0⊕	63	45	8	-	-	-	Ci St	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1020·2	-1	SW	1	b/f	63	45	7	-	-	-	Ci	1	*
Grain	1019·9	-2	SSW	3	bc	64	45	8	-	-	-	Ci	5	*
Lympne	1020·8	-2	SSW	4	b	57	75	8	-	-	-	Ci St	3	*
Scilly (St. Mary's)	1023·0	0	W	3	c	56	65	8	4000	St Cu	8	-	8	*
Falmouth (Pendennis)	1022·7	0	SW	4	bc+	56	75	9	5700	Cu	3	Ci Cu	5	*
Plymouth (Cattewater)	1022·3	-1	SW	4	b-	53	75	8	2500	Cu	3	-	3	*
Portland Bill	1022·7	0	WSW	4	b-	52	85	7	-	-	-	Ci Cu	1	*
Southampton (Calshot)	1021·4	-2	SW	5	bc+	56	75	8	4000	Cu	1	Ci St	6	*
Dungeness	1021·4	-1	SW	3	b	55	75	8	-	-	-	-	0	*
Jersey (Th)	1023·0	0	NW	3	b	57	65	8	-	Stcu	2	-	2	*

Observations at 1800 G.M.T. 15th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010·4	+1	NNW	3	c-	42	65	7	7250	Stcu	2	A Cu	6	2
Stornoway	1007·3	0	E	4	o/r$_o$	44	85	6	450	St	10	-	10	3
Wick	1008·5	0	E	1	o/r	41	97	8	450	St	2	A St	10	0
Castlebay	1005·2	0	SW	4	o/r$_o$	49	97	5	450	Nb	10	-	10	4
Nairn	1008·0	*	ENE	2	orr	42	92	8	2500	Nb	10	-	10	*
Aberdeen	1008·0	+1	NE IN	2	orr	45	97	6	1500	Nb	10	-	10	0
Malin Head	1006·5	-3	S	3	od$_o$	52	97	5	2500	Nb	10	-	10	1
Renfrew	1009·5	-1	SW	3	orr	50	92	5	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1008·5	0	SW	4	o/r$_o$	51	85	8	-	Nb	10	-	10	4
Eskdalemuir	1011·8	-1	SW	4	0	47	97	6	800	St	10	-	10	*
Tynemouth	1011·7	-1	SW	2	0	56	65	6	-	-	0	A St	10	0
Blacksod Point	1005·9	-5	SW	8	o FR+	51	92	7	-	Nb	10	-	10	8
Donaghadee	1011·4	-1	SW	2	o+	59	97	8	5700	Stcu	4	A Cu	5	1
Birr Castle	1012·7	*	SW	2	c-	57	85	7	4000	Stcu	5	Ci Cu	2	*
Collinstown	1013·6	-3	SW	5	0	56	85	8	2500	Stcu	4	A St	5	*
Holyhead	1015·2	-2	SW'S	6	c+	51	85	8	2500	Stcu	6	Ci	2	4
Liverpool (Bidston)	1015·0	-2	SW'W	5	bc	56	55	9	2500	St	3	A Cu	6	6
Chester (Shotwick)	1015·2	-2	WSW	5	0	55	75	8	2500	Stcu	5	A Cu	9	*
Spurn Head	1014·2	-2	WSW	4	c	57	75	6	1500	St	2	Ci Cu	5	4
Nottingham	1015·5	*	WSW	4	bc	59	65	6	4000	Stcu	1	Ci	6	*
Cranwell	1016·2	-2	WSW	5	c	60	65	7	5700	Stcu	1	A Cu	7	*
Gorleston	1017·2	-1	WNW	3	bc	64	45	6	-	-	-	Ci Cu	5	1
Valencia (Cahirciveen)	1013·4	-5	S	6	o+	53	85	7	1500	Stcu	7	A St	3 10	4
Roches Point	1015·6	-4	SW	4	c-	54	75	8	2500	Stcu	8	-	8	3
Pembroke (St. Ann's H.)	1019·5	-3	WSW	2	bc-	51	75	8	5700	Stcu	6	-	6	4
Ross-on-Wye	1017·7	-2	W'S	4	bc-	54	65	7	4000	Stcu	1	Ci	6	*
Benson	1017·7	-2	W	1	b	58	65	8	-	-	-	Ci	2	*
S. Farnborough	1018·2	-2	WSW	3	0	63	55	8	-	-	-	Ci	9	*
London (Kew Obsy.)	1017·7	-3	W	3	bc	62	45	8	-	-	-	Ci	5	*
Croydon	1017·9	-2	SW	2	c	63	55	8	-	-	-	Ci	8	*
Clacton-on-Sea	1017·4	-3	W	2	bc	62	55	7	-	-	-	Ci St	5	0
Shoeburyness	1017·6	-3	SW	1	mmbc	63	45	5	-	-	-	Ci	4	*
Grain	1018·0	-1	SW	2	bc-	61	65	8	-	-	-	Ci	5	0
Lympne	1016·7	-1	SW	3	bc	53	55	8	-	-	-	Ci St	5	8
Scilly (St. Mary's)	1022·2	-2	SW	2	b-	54	75	8	-	-	0	A Cu	3	1
Falmouth (Pendennis)	1020·2	-2	SW	4	bc+	54	65	9	2500	Cu	2	A Cu	4	0
Plymouth (Cattewater)	1020·4	-2	SW	5	c-	52	85	8	2500	Stcu	8	-	8	1
Portland Bill	1020·4	-3	WSW	4	b	52	85	7	-	-	-	Ci Cu	2	2
Southampton (Calshot)	1019·2	-2	SW	5	c+	53	85	8	-	-	-	Ci	8	3
Dungeness	1018·9	-3	SW	4	bc-	52	97	8	-	-	-	Ci Cu	4	4
Jersey (Th)	1021·0	-1	WNW	3	b	56	75	8	-	-	-	-	0	0

London Observations.	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. 16th								Yesterday.	To-day.	
Kew	bby	bcy	bb	*	*	31	-	-	13·8	*	*
Croydon (24 hours ended 0700)	cbcy	ocy	bcb	*	*	36	-	-	13·7	*	*
Greenwich (Royal Obsy.)	bo	co	ob	69	43	29	-	-	13·9	43	58
City (Bunhill Row)	*	*	*	*	*	*	*	*	13·1	*	*
Westminster (St. James' Pk.)	bc	bc	bcb	67	45	38	-	-	13·8	48	1
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	13·6	*	*
Camden Square	b	b	*	68	44	39	-	-	*	*	59
Kensington Palace	b	b	*	67	44	36	-	-	*	48 (8h)	60
Hampstead Observatory	bc	bc	*	64	42	33	-	-	13·5	*	64

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
0·3	20h (14th)	<0·3	(1-4th) (15th)
0·5	7h (15th)		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 15th 21 h. 0 m. to 16th 3 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·0	6·0	100
δ Ursae Minoris	6·0	6·0	100

Radio Disturbances (Atmospherics) at Croydon.

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 16th & 17th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·58	11·49	7·40
	3·57	11·49	7·41
Greenwich	4·9	11·56	7·43
	4·8	11·56	7·44
Wick	3·46	12·8	8·31
	3·44	12·8	8·33
Valencia	4·47	12·37	8·26
	4·46	12·37	8·27

Beaufort Notation of Weather.

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

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r$_o$r$_o$ = continuous light rain.

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

Sea Disturbance.

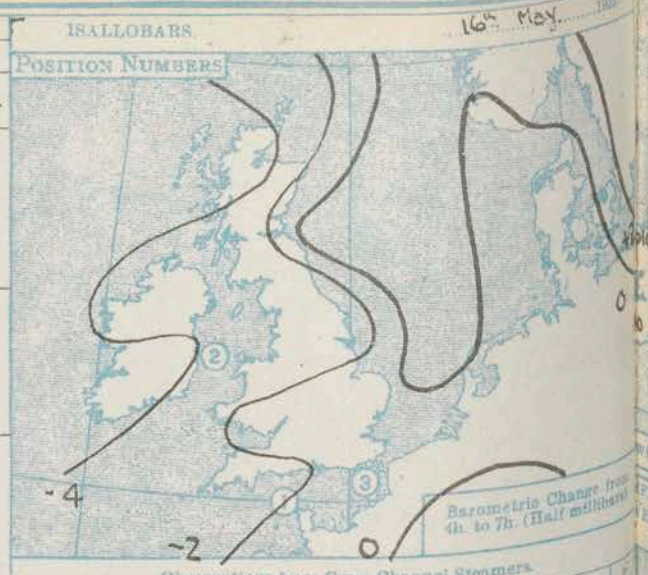
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

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

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 15th	Weather. 13h.-18h. 15th	Weather. 18h. 15th to 1h. 16th	Weather. 1h.-7h. 16th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	b r bc	b r bc	oo	oo	46	38	•	–	Trace	–	<2100	•
Stornoway	r r d	o o	r r d	r r d	45	40	•	3	11	<0800	<2100	0·0
Wick	orr	odd	or o o	omrr	41	40	•	4	6	<0800	<2100	•
Castlebay	fr	rrmrr	rr	rr	50	49	•	6	11	<0800	<2100	0·0
Nairn	R	R	iRo	dgo	42	41	•	14	7	<0800	<2100	0·0
Aberdeen	orrm	o RRm	or o r m	orrm	47	44	43	6	6	<0800	<2100	0·0
Malin Head‡	oqp	od o d	or o r	or o r	53	50	•	4	5	11·00	2200	0·2
Renfrew	omrr	omRR	omrr	omrrir	51	49	48	14	19	0900	<2100	0·0
Edinburgh (Inchkeith)	ir	r r d	r r d	ir	52	48	46	3	4	0900	-	0·0
Eskdalemuir	od	op d o	orr		52	44	42	0·1	16	11·00	<2100	0·0
Tynemouth	oom	o m	oomq	ompq	60	49	45	–	Trace	–	1·30	•
Blacksod Point	oo	oo	p	p	53	50	•	8	7	0900	<2100	•
Donaghadee	cq	bcq	omr	cmp	63	49	•	–	6	–	2200	•
Birr Castle	co	c.o	co	oRr	59	51	49	–	4	–	-	4·0
Collinstown	c	oo	c	oirr	61	50	?	–	0·4	–	6·30	8·1
Holyhead	coc	bc.cq	oq	ord	55	49	48	–	0·4	–	5·30	8·2
Liverpool (Bidston)	bc.c	bc	bc		60	47	41	–	-	–	-	9·3
Chester (Shotwick)	bcoeq	c.oq	obc	bccq	62	49	41	–	-	–	-	•
Spurn Head	b r bc	b r bc	b r bc	b r bc	63	44	•	–	-	–	-	12·0
Nottingham	c	c	c	c	62	45	39	–	-	–	-	7·3
Cranwell	bcco	c	cbcb	bc.c	62	41	36	–	-	–	-	11·9
Gorleston	bc	b r bc	b r bc	b	66	42	34	–	-	–	-	12·6
Valencia (Cahirciveen)	ococ	c.o	oor	orr	57	51	50	–	17	–	2200	2·8
Roches Point	oo	o.c	og	oRR	56	51	•	–	15	–	2·30	•
Pembroke (St. Ann's H.)	c	c	oo	oo	54	48	•	–	-	–	-	7·1
Ross-on-Wye	bccybc	bcycbc	bcc.bco	cb	60	46	42	–	-	–	-	10·4
Benson	cbc	b	b	b	64	35	27	–	-	–	-	•
S. Farnborough	c	bc oy	ob	b	68	35	27	–	-	–	-	14·4
London (Kew Obsy.)	bby	bcy	bb	b.bw	65	43	31	–	-	–	-	13·8
Croydon	cbcy	ocy	bcb	bw	65	42	36	–	-	–	-	13·7
Clacton-on-Sea	bc	bcy	bcz	bcz	62	45	38	–	-	–	-	13·3
Shoeburyness	ombzb	b.bz	bm	bz	67	39	31	–	-	–	-	13·1
Grain	b r bc	b r bc	bc.b	b	66	38	29	–	-	–	-	12·6
Lympne	mbc	b r bc	b r bc	bmf	59	40	27	–	-	–	-	13·9
Scilly (St. Mary's)	c	b r bc	b	b	58	49	•	–	–	–	–	6·9
Falmouth (Pendennis)	bbc	bc.b	b	b	58	47	•	–	-	–	-	12·3
Plymouth (Cattewater)	b r bc	b r bc		b r bc	56	49	43	–	–	–	–	10·8
Portland Bill	bc	bc	b	b	54	46	•	–	-	–	-	•
Southampton (Calshot)	b r bc	c	b r bc	b r bc	58	42	36	–	-	–	-	12·6
Dungeness	b r bc	c	b r bc	b r bc	56	45	•	–	-	–	-	•
Jersey 7h } Guernsey 1h }	b	b	b	b	58	45	•	–	-	–	-	13·8



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	15th 1000	"Hibernia"	W	4-5	C	51	48

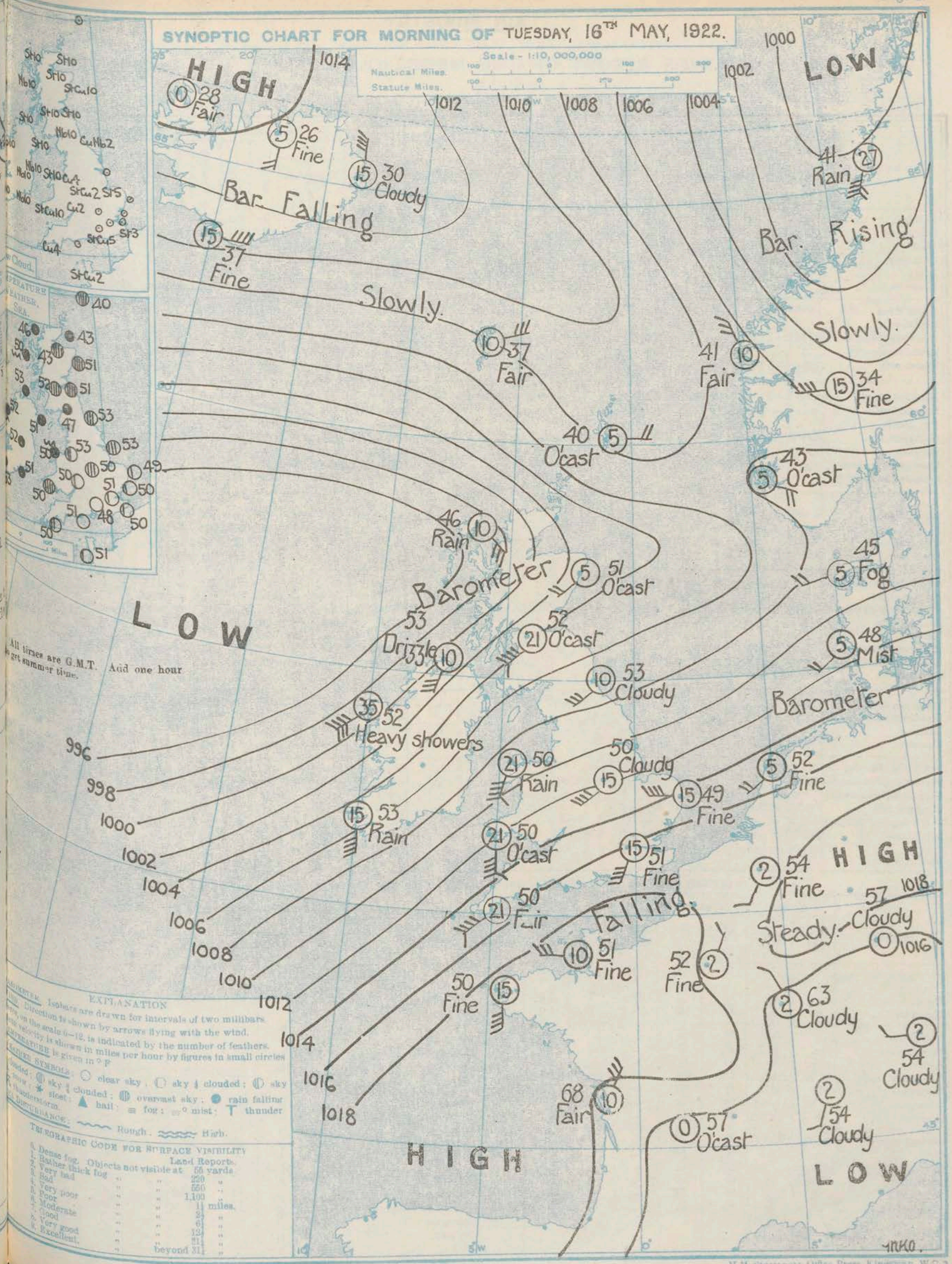
General Inference.

The large depression off our western coasts continues to move eastward slowly. Rain will be general over the western and northern districts on Tuesday and an extension to the southeast districts is probable on Wednesday.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday 16th May 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S.W. moderate to strong; fine Tuesday, less fine Wednesday, perhaps some rain or showers; visibility mainly good; rather warm.	
4. W. Midlands 5. S.W. England	Wind S.W. fresh or strong; fair early, some rain later; visibility moderate; some coast mist; moderate temperature.	Less settled in the S.E; continuing unsettled in W. and N.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind mainly S.W, fresh or strong; dull, rain at times; visibility moderate; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Easterly moderate; dull, some rain; visibility moderate; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as 6 to 13.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF TUESDAY, 16TH MAY, 1922.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
LOW
Bar. Falling
Bar. Rising
Slowly.
Slowly.
Barometer
Barometer
Falling
Steady.
Heavy showers
Drizzle
Rain
Fog
Mist
Fine
Fair
Cloudy
O'cast
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force on the scale 0—12, is indicated by the number of feathers.
Wind velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
CLOUDS. 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
Land Reports.
0. Dense fog. Objects not visible at 55 yards
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1 mile.
5. Poor " " 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. Tuesday, 16th May 1922. No. 136.

Observations at 0100 G.M.T. 16th

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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1010.1	0	-	0	o	38	75	7	5700	StCu	10	-	10	·
Stornoway	1003.3	-6	E	5	mo+	·	·	4	·	·	·	·	·	·
Wick	1006.4	-3	NNE	5	or°r°	41	97	7	800	St	10	-	10	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	?1002.6	-5	S	4	or°r°	52	97	7	4000	Nb	10	-	10	·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	1006.7	-2	SW	4	or	50	92	8	-	Nb	10	-	10	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1009.5	-3	WSW	3	o	50	75	6	-	·	0	ASr	10	·
Blacksod Point	1003.3	-3	S	8	oPR+	52	97	7	·	Nb	10	·	10	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Collinstown	1010.5	-5	SSW	5	c	51	92	7	2500	StCu	8	·	8	·
Holyhead	1011.1	-1	SW'S	6	o+	·	·	7	2500	StCu	10	-	10	·
Liverpool (Bidston)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	1014.7	0	SW	2	b	47	85	6	-	-	0	-	0	·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1015.6	-2	SW	4	b	46	85	6	-	-	0	Ci	3	·
Gorleston	1017.5	0	W	1	b.	52	75	7	-	-	0	-	0	·
Valencia (Cahirciveen)	1007.6	-2	E	4	~~bc+~~ or+	53	97	[illegible]	-	-	0	ASr	6	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1015.9	-3	SW	4	o	49	92	8	4000	StCu	10	-	10	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	·	·	·	·	·	49	·	·	·	·	·	·	·	·
Croydon	1018.4	0	SW	1	b	45	92	7	-	·	0	Ci	3	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1018.0	0	SW	2	b	43	92	7	-	·	0	Ci	1	·
Scilly (St. Mary's)	1017.9	-2	SW	4	b	50	85	8	-	-	0	-	0	·
Falmouth (Pendennis)	1018.6	-2	SW	3	b	50	85	9	5750	Cu	2	-	2	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1020.4	0	W	3	b	49	55	7	-	-	0	-	0	·
Southampton (Calshot)	1018.5	-2	W'S	1	b	44	97	8	-	-	0	Ci	2	·
Dungeness	1018.2	0	WSW	2	b	43	97	8	-	-	0	-	0	·
Jersey 7h / Guernsey 1h	1021.9	-1	WSW	1	b	48	85	8	-	-	0	-	0	·

Observations at 0700 G.M.T. 16th

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	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1004.3	-2	E	2	o-	40	65	7	-	·	0	ASr	9	1
Stornoway	997.6	-5	SE	3	orr	46	97	4	450	Sr	10	·	10	3
Wick	1002.5	-4	E	4	or-	43	97	5	450	Sr	10	·	10	4
Castlebay	998.3	-1	SSW	4	orr	50	97	6	800	Nb	10	·	10	6
Nairn	1001.3	·	-	0	o/r	43	92	8	1500	Sr	10	·	10	·
Aberdeen	1003.0	-1	SW'S	2	o/r	51	92	5	4000	StCu	10	·	10	0
Malin Head	1000.3	-2	SSW	3	od°	53	97	7	2500	Sr	10	-	10	1
Renfrew	1003.7	-3	SW	5	o/r	52	85	6	800	Sr	10	·	10	·
Edinburgh (Inchkeith)	1004.2	+1	SW	3	o/r	51	85	8	-	Sr	10	·	10	3
Eskdalemuir	1006.7	-2	SSW	5	orr	47	97	6	450	Nb	10	·	10	·
Tynemouth	1007.0	-4	SW	3	c/r	53	75	6	4000	CuNb	2	ASr	8	0
Blacksod Point	999.4	-2	SW	7	oPR+	52	97	7	-	Nb	10	-	10	6
Donaghadee	1006.1	-3	SW	2	oRR	51	97	6	1500	Sr	10	-	10	3
Birr Castle	1005.4	·	S	2	oRR	52	97	6	800	Nb	10	-	10	·
Collinstown	1007.0	-4	WSW	5	orr	52	97	6	1500	Nb	10	·	10	·
Holyhead	1009.2	-2	SSW	5	or	50	92	6	800	Sr	10	·	10	6
Liverpool (Bidston)	1009.6	-3	SW'S	3	bc	53	65	8	-	·	0	ACu	4	4
Chester (Shotwick)	1009.5	-2	SW	4	c+	55	75	8	2500	Cu	4	ACu	7	·
Spurn Head	1011.5	-3	SSW	4	bc	52	92	7	-	·	0	Ci	5	4
Nottingham	1012.0	·	SW	4	c-	50	85	6	2500	StCu	2	ACu	7	·
Cranwell	1012.7	-1	SW'S	5	o+	50	85	6	2500	St	5	ACu	9	·
Gorleston	1015.5	-1	W	4	b	49	75	7	-	·	0	CiCu	2	1
Valencia (Cahirciveen)	1004.4	-4	S	4	or-	53	97	6	225	Sr	10	-	10	3
Roches Point	1007.9	-4	SW	3	oRR	51	97	6	800	Nb	10	·	10	4
Pembroke (St. Ann's H.)	1012.8	-2	S	5	o	50	92	7	4000	StCu	10	·	10	·
Ross-on-Wye	1013.7	-2	SW	4	b+	50	75	7	4000	Cu	2	Ci	3	·
Benson	1014.9	-1	SSW	2	b	49	85	8	-	·	0	Ci	1	·
S. Farnborough	1016.1	-1	SW	3	b-	48	85	8	-	·	0	Ci	1	·
London (Kew Obsy.)	1016.3	-1	SSW	4	b	51	75	7	-	·	0	CiSt	1	·
Croydon	1016.7	-1	SW	3	b	51	65	8	-	·	0	Ci	1	·
Clacton-on-Sea	1016.3	0	WSW	3	b	50	85	7	-	·	0	CiSt	3	0
Shoeburyness	1016.5	-1	SW	2	mb-	47	65	6	-	·	0	·	0	·
Grain	1016.4	0	SW	2	b	51	75	7	-	·	0	·	0	0
Lympne	1016.9	-1	SSW	3	b+	49	85	8	2500	Sr	2	CiSt	3	·
Scilly (St. Mary's)	1014.5	-2	SW	4	bc	52	85	7	-	-	0	aCu	5	4
Falmouth (Pendennis)	1015.0	-2	SW	5	bc+	50	92	8	4000	Cu	4	·	4	3
Plymouth (Cattewater)	1016.1	-1	SSW	5	b-	51	85	8	1500	SVCu	Cu!	-	1	1
Portland Bill	1017.4	-3	WSW	3	b	51	85	7	-	·	0	·	0	0
Southampton (Calshot)	1016.6	-2	SSW	4	bc+	51	85	8	4000	StCu	5	·	5	3
Dungeness	1017.2	-2	SW	2	b+	50	97	7	450	Sr	3	·	3	3
Jersey 7h / Guernsey 1h	1018.2	-1	W	3	b	51	85	8	4000	StCu	2	·	2	·

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

Stations	Weather Fore-noon	Weather After-noon	Temperature Min. Night 14th °F	Temperature Max. Day 15th °F	Rainfall.† Night 17h.-9h. 14th-15th mm.	Rainfall.† Day 9h.-17h. 15th mm.	Sunshine Sunrise to 17h. 15th hr.	Sunshine Sunrise to Sunset 14th hr.
Banff	r	r	42	43	6	9	0.0	3.5
Montrose	or	o	43	56	0.3	2	0.2	7.3
Llandudno	c	cb	47	56	–	–	8.1	6.7
Colwyn Bay	bc	bc	50	61	–	–	9.6	8.5
Rhyl	c.bc	bc	47	59	–	–	10.2	8.2
Southport	c.bc	c.bc.c	49	58	–	–	6.4	3.8
Blackpool	c	bc.c	45	58	–	–	9.0	2.7
Harrogate	b.bc	b.bc	46	60	–	–	9.6	9.2
Skegness	b	b.bc.c	38	63	–	–	10.0	13.2
Aberystwyth	o.c.b	bc.o	48	54	–	–	4.2	8.5
Bath	b.bc	c.o.b	40	59	–	–	8.6	12.6
Leamington Spa	bc.c.b	c	38	62	–	–	5.5	10.6
Lowestoft	b.bc	bc	42	67	–	–	11.7	13.4
Felixstowe	b	b	41	58	–	–	11.8	13.7
Southend	b	b	42	66	–	–	11.3	13.0

Stations	Weather Fore-noon	Weather After-noon	Temperature Min. Night 14th °F	Temperature Max. Day 15th °F	Rainfall.† Night 17h.-9h. 14th-15th mm.	Rainfall.† Day 9h.-17h. 15th mm.	Sunshine Sunrise to 17h. 15th hr.	Sunshine Sunrise to Sunset 14th hr.
Paignton	bc.c	bc.b	40	62	–	–	9.0	13.0
Ilfracombe								
Bude	b	b	48	57	–	–	10.6	15.4
Penzance	bc	b	44	58	–	–	6.4	9.2
Falmouth Observatory	b.bc	bv	42	59	–	–	10.6	12.8
Torquay	b	b	42	62	–	–	8.6	14.1
Weymouth	b.	b	38	61	–	–	10.7	13.5
Bournemouth	b	b	39	61	–	–	11.0	13.9
Portsmouth (S'thsea)	b	b	41	61	–	–	11.2	13.3
Worthing	b	b	37	58	–	–	12.0	13.9
Brighton	b	b	39	54	–	–	11.8	14.0
Eastbourne	b	b	41	59	–	–	12.2	14.0
Hastings	b	b	42	55	–	–	12.0	14.2
Folkestone	b	b	40	59	–	–	11.6	14.0
Tunbridge Wells	b	b	37	64	–	–	12.0	13.3
Ramsgate	b	b	40	61	–	–	11.3	13.9
Margate	b	b	43	65	–	–	10.9	13.5
Deal	b	b	41	63	–	–	12.0	14.2

* 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.22,091. WEDNESDAY 17th MAY 1922.

Observations at 1300 G.M.T. 16th

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	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1007·2	-3	E	4	orr	40	97	6	4000	Nb	10	–	10	*
Stornoway	996·6	-1	SW	2	or₀r₀	52	97	5	450	St	10	–	10	*
Wick	999·4	-2	SSW	2	or-	47	97	6	800	St	10	–	10	*
Castlebay	998·4	0	SW	4	mmo	51	97	5	800	St	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1002·0	-1	S	7	o/r	55	85	6	2500	StCu	10	–	10	*
Malin Head	1000·2	0	SSW	3	o	50	97	7	4000	Nb	10	–	10	*
Renfrew	1003·1	0	SSW	4	o/r	54	85	5	800	St	10	–	10	*
Edinburgh (Inchkeith)	1003·0	-3	SW	4	or₀	53	85	8	–	Nb	10	–	10	*
Eskdalemuir	1005·6	-1	SSW	5	orr	48	97	5	450	Nb	10	–	10	*
Tynemouth	1006·7	0	WSW	2	o/p	58	75	6	4000	Nb	10	–	10	*
Blacksod Point	1000·3	0	SW	6	c-	57	85	9	–	St	7	–	7	*
Donaghadee	1004·5	-2	SW	3	or₀r₀	53	92	6	800	St	10	–	10	*
Birr Castle	1002·8	*	S	2	c-	58	92	7	4000	Nb	8	–	8	*
Collinstown	1005·4	-2	SW'S	4	or₀r₀	55	97	6	800	Nb	10	–	10	*
Holyhead	1007·6	-1	SSW	6	or	50	97	6	450	St	10	–	10	*
Liverpool (Bidston)	1008·4	-1	SSW	3	orr	53	92	5	800	Nb	10	–	10	*
Chester (Shotwick)	1008·0	-1	SSE	4	o	57	65	7	2500	St	6	ASt	10	*
Spurn Head	1009·4	-2	SW	4	b	67	92	5	–	–	–	–	0	*
Nottingham	1010·0	*	SW	5	c	63	65	7	2500	Cu	1	CiSt	7	*
Cranwell	1010·5	-3	SSW	5	bc+	63	65	6	4000	Cu	1	ACu	5	*
Gorleston	1013·1	-2	W	4	b	66	45	6	–	–	0	–	0	*
Valencia (Cahirciveen)	1003·5	-1	SW'S	4	o/r	55	97	6	450	St	10	–	10	*
Roches Point	1004·9	-3	SW	3	oDD	52	97	3	450	Nb	10	–	10	*
Pembroke (St. Ann's H.)	1010·4	-2	S	5	orr	49	97	7	1500	Nb	10	–	10	*
Ross-on-Wye	1011·4	-3	SW	4	c-	59	55	8	4000	StCu	2	CiCu	7	*
Benson	1012·3	-3	SW	4	b	63	55	8	–	–	0	CiSt	2	*
S. Farnborough	1013·6	-3	WSW	4	b	64	55	8	–	–	0	Ci	3	*
London (Kew Obsy.)	1013·1	-4	SW	3	b	62	55	8	–	–	0	Ci	1	*
Croydon	1014·0	-2	S'W'S	4	b	64	55	8	–	–	0	CiSt	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1013·4	-2	SW	3	b	65	55	6	–	–	0	–	0	*
Grain	1013·6	-3	SSW	4	b	65	55	8	–	–	0	–	0	*
Lympne	1015·2	-2	SSW	5	b	55	75	8	–	–	0	ASt	1	*
Scilly (St. Mary's)	1011·0	-3	SW	5	od₀d₀	51	92	6	4000	StCu	10	–	10	*
Falmouth (Pendennis)	1010·8	-2	SW	7	c+	53	75	7	4000	Cu	8	–	8	*
Plymouth (Cattewater)	1014·4	-1	SSW	5	c-	54	85	8	2500	StCu	7	ASt	8	*
Portland Bill	1015·0	-2	WSW	4	c+	51	85	7	4000	StCu	7	–	7	*
Southampton (Calshot)	1015·2	-2	SW	5	b	55	75	8	4000	Cu	2	Ci	3	*
Dungeness	1015·7	-3	SW	4	bc	56	75	7	450	St	5	–	5	*
Jersey 7h / Guernsey 1h	1016·0	-1	SSE	3	b	56	75	8	–	–	0	Ci	2	*

Observations at 1800 G.M.T. 16th

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	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1002·8	-3	E	5	orr	41	97	6	2500	Nb	10	–	10	4
Stornoway	996·6	0	SSW	3	o/r	53	92	5	450	St	10	–	10	2
Wick	997·9	-2	SSW	2	o/r	50	97	8	2500	CuNb	3	ACu	9	1
Castlebay	998·0	0	SW	4	mmo	50	97	5	800	St	10	–	10	4
Nairn	998·3	*	W	3	bc-	59	75	8	4000	Cu	2	CiCu	5	*
Aberdeen	1000·6	0	SW	2	c	58	85	6	2500	St	8	–	8	0
Malin Head	999·0	-3	W	2	c-	54	97	7	4000	Cu	3	ASt	7	0
Renfrew	1001·4	-1	S	3	odd	53	97	5	800	Nb	10	–	10	*
Edinburgh (Inchkeith)	1001·5	-2	SW	4	o/r	52	85	8	–	–	0	ASt	10	3
Eskdalemuir	1003·9	-2	SSW	5	orr	48	97	6	450	Nb	10	–	10	*
Tynemouth	1005·0	-2	SW	2	o/r	56	75	5	4000	Nb	10	–	10	0
Blacksod Point	999·6	-1	SSW	4	o	53	92	8	–	St	10	–	10	4
Donaghadee	1002·5	-2	SW	2	or₀	52	92	6	2500	St	10	–	10	0
Birr Castle	1001·4	*	S	1	oR	59	97	7	2500	Nb	9	–	9	*
Collinstown	1003·1	-2	SSW	3	o	55	97	8	1500	St	10	–	10	*
Holyhead	1004·9	-3	SSW	6	orr	49	97	6	450	Nb	10	–	10	5
Liverpool (Bidston)	1005·8	-3	S	4	orr	51	97	7	800	Nb	10	–	10	3
Chester (Shotwick)	1005·8	-3	S	3	or₀r₀	54	85	7	1500	St	10	–	10	*
Spurn Head	1007·1	-2	SW	3	bc	64	75	8	1500	St	2	Ci	5	3
Nottingham	1007·4	*	SW	3	o+	61	65	6	4000	StCu	6	ACu	9	*
Cranwell	1008·7	-2	SSW	5	c	61	65	8	4000	Cu	1	ACu	8	*
Gorleston	1010·2	-3	SW	5	b+	60	65	6	–	–	0	CiCu	2	4
Valencia (Cahirciveen)	1002·5	-1	SW	3	od₀	54	97	6	450	St	10	–	10	*
Roches Point	1003·1	-1	SW	2	o	53	97	8	800	St	10	–	10	1
Pembroke (St. Ann's H.)	1007·2	-3	S	5	orr	49	97	5	800	Nb	10	–	10	*
Ross-on-Wye	1008·8	-2	SW'S	4	o+	55	75	8	2500	Nb	4	ASt	10	*
Benson	1010·6	-2	SW	4	b	55	65	8	–	–	0	Ci	2	*
S. Farnborough	1011·7	-2	SW	5	c+	57	65	8	–	–	0	Ci	8	*
London (Kew Obsy.)	1011·0	-3	SW	4	b	62	45	8	–	–	0	Ci	1	*
Croydon	1012·1	-2	SW	4	bc-	57	65	8	–	–	0	CiSt	5	*
Clacton-on-Sea	1011·2	-2	SSW	4	bc+	57	75	7	–	–	0	CiSt	4	0
Shoeburyness	1011·6	-2	SW	3	bc+	57	55	6	–	–	0	CiSt	4	*
Grain	1011·8	-1	SSW	4	c+	57	55	8	–	–	0	CiSt	7	3
Lympne	1013·3	-1	SW	4	bc+	51	85	8	–	–	0	CiSt	4	*
Scilly (St. Mary's)	1007·9	-3	SW	5	orr	52	94	4	800	St	10	–	10	6
Falmouth (Pendennis)	1008·4	-6	SW	7	or+	50	97	6	2500	Nb	10	–	10	4
Plymouth (Cattewater)	1011·2	-4	S	3	or+	50	97	5	–	Nb	10	–	10	1
Portland Bill	1012·9	-3	S	4	bc+	52	75	7	–	–	0	Ci	6	2
Southampton (Calshot)	1012·6	-3	SW'S	4	bc+	53	85	8	–	–	0	Ci	6	0
Dungeness	1013·4	-3	SW	3	bc+	52	97	8	–	–	0	CiCu	5	4
Jersey 7h / Guernsey 1h	1013·0	-2	SE	3	b	59	75	8	–	–	0	Ci	3	3

London Observations.	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. 17th								Yesterday.		To-day.
Kew	bby	by	bb	*	*	39	-	3	13·7	*	*
Croydon (24 hours ended 0700)	bwbby	bybc	bcc	*	*	42	-	1	13·5	*	*
Greenwich (Royal Obsy.)	b	bc	cboror	69	47	37	-	4	14·2	48	94
City (Bunhill Row)	*	*	*	*	*	*	*	*	13·0	*	*
Westminster (St. James' Pk.)	b	b	brr	67	51	45	*	·5	13·9	51	98
Regent's Pk. (Botanic Gdns).	*	*	*	*	*	*	*	*	13·6	*	*
Camden Square	b	b	*	69	47	45	-	6	*	*	93
Kensington Palace	b	bc	*	67	48	43	-	5	*	50(18h)	97
Hampstead Observatory	bc	bc	*	64	47	40	-	4	13·7	*	98

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 16th

South Kensington	Max.	Time.	Min.	Time.
	0·3 1·0	18h (15) 6h (16)	<0·3	1–4 (16th)
Kew Observatory	**Max.**	**Time.**	**Min.**	**Time.**
	0·3	18h–21h (15th)	<0·3	16h–18h (15th) 22h (15th)–[illegible]

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 16th 21 h. 0 m. to 17th 3 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6·0	4·14	71
δ Ursae Minoris	6·0	4·17	71

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per sec.	Stren.	Direc.
13h.	.	.	.	.
18h.	.	.	.	.
0h.	.	.	.	.
6h.	.	.	.	.

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

17th & 18th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.57 3.55	11.49 11.49	7.41 7.42
Greenwich	4.8 4.6	11.56 11.56	7.44 7.46
Wick	3.44 3.42	12.8 12.8	8.33 8.35
Valencia	4.46 4.45	12.37 12.37	8.27 8.28

Beaufort Notation of Weather.

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

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

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

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

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

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

Sea Disturbance.

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

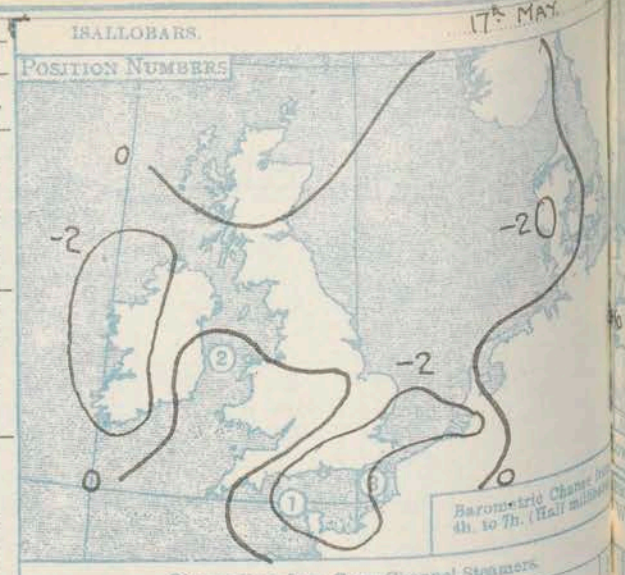
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 16th	Weather. 13h.-18h. 16th	Weather. 18h. 16th to 1h. 17th	Weather. 1h.-7h. 17th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	r or d	r or d	ff	ff	44	42	•	6	1	11·00	<2100	•
Stornoway	r	r	r or d	do	55	48	•	4	0·2	<0800	6·30	0·5
Wick	omr	omrr	oo	oir o e	51	45	•	3	0·3	<0800	1·30	•
Castlebay	r r o m	omoff	od Ff	Ff for o	51	48	•	0·5	0·2	<0800	-	0·0
Nairn	d c	bc	be	ebe	63	49	•	0·3	-	0900	-	4·6
Aberdeen	o i r m	o c m	bem	be	59	48	37	3	0·4	0900	2200	1·5
Malin Head‡	oo	bc b	op	op	57	48	•	0·4	2	12·30	1·30	2·7
Renfrew	orr o m	or o r o DD	odm r o	odd f	55	50	49	4	2	<0800	<2100	0·0
Edinburgh (Inchkeith)	r or d	o o	oo	oo	54	48	47	1	0·3	13·30	4·30	?
Eskdalemuir	orrm	orm	~~[illegible]~~	~~[illegible]~~	48	46	46	13	5	<0800	<2100	0·0
Tynemouth	op o m	r o r o m	omp o rr	op o m	56	49	43	6	6	11·00	<2100	•
Blacksod Point ...	p	oo	p	oo	57	49	•	0·3	2	-	-	•
Donaghadee	r o r o	i r o	bei r o	oid o	54	49	•	5	2	<0800	<2100	•
Birr Castle	i r c o	c R	ci R	co	59	49	44	5	0·3	16·30	<2100	0·0
Collinstown	r or d	o o	opr o	c	58	49	?	3	0·1	<0800	1·30	0·0
Holyhead	or P	orr m	orr d d f	oir m	50	48	49	7	6	<0800	<2100	0·0
Liverpool (Bidston) ...	bc r	r or d	r or d		60	49	46	10	11	11·00	<2100	3·2
Chester (Shotwick) ...	oo	o r o r o	orrom	com	61	50	45	0·5	3	15·30	<2100	•
Spurn Head	b or bc	bor bc	p	b	64	50	•	-	0·4	-		10·1
Nottingham	c	bor bc	c R	oo	64	49	48	-	4	-	2200	6·0
Cranwell	ombbe	bc mc	roo	ormo	65	48	47	-	2	-	2400	11·7
Gorleston	bor be	bor bc	bc r b v	b bc co	68	45	40	-	-	-	-	13·0
Valencia (Cahirciveen)	om d o	cm d	oc op	opo	56	51	~~[illegible]~~	0·3	0·6	<0800	2200	0·2
Roches Point	rr D o f	D f o	obc o	od o	54	51	•	10	0·2	<0800	4·30	•
Pembroke (St. Ann's H.)	oorr	omrr	omaff	off o	51	48	•	11	5	11·00	1·30	0·0
Ross-on-Wye	bc.o c	c.bc y c o	goddr o	ir o	63	50	49	-	1	-	<2100	7·1
Benson...	b or	bc	bc r o	r o	64	48	41	-	2	-	2400	*
S. Farnborough ...	c	by.bc y c	coirr o	er r	65	47	42	-	2	-	2·30	13·4
London (Kew Obsy.)...	b by	by	bb	oro b o m	64	47	39	-	3	-	2·30	13·7
Croydon	b w b b y	by bc	bcc	cor o r	65	46	42	-	1	-	2·30	13·5
Clacton-on-Sea ...	b	bc	bc	bcc	60	50	46	-	-	-	-	13·4
Shoeburyness	by	by	bcc	cor r	65	44	38	-	0·3	-	5·30	13·6
Grain	b or be	b.bc c	cor	cbc c	65	46	34	-	1	-	6·30	13·8
Lympne	bbcb	b	b or be	cor o	56	44	36	-	trace	-	5·30	14·2
Scilly (St. Mary's) ...	bcdmo	omdr	ffr	ofd	55	49	•	9	1			2·2
Falmouth (Pendennis)	bbcem	cmomr	orm	omd	53	50	•	3	7	14·30	<2100	5·1
Plymouth (Cattewater)	oo	r or d	r	f r	55	51	50	2	17	17·30	<2100	4·6
Portland Bill	b or be	bor bc	cor	r or d	54	47	•	-	4	-	<2100	•
Southampton (Calshot)	bc.b	bc	coir o	rr M	57	49	47	-	4	-	2400	13·2
Dungeness	c	b or bc	c	c	57	48	•	-	-	-	-	•
Jersey 7h. / Guernsey 1h.	b	b	bo	borr	61	50	•	-	5	-	3·30	12·5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	16th 0300	"Brighton"	N'N	2	b	50	50
2	16th ?	"Hibernia"	SW	7	ome	51	48
3	17th 0200	"Dieppe"	SSW	7	b+	52	50

GENERAL INFERENCE.

The main depression remains centred off the Hebrides, while secondaries lie over the British Isles. Winds will be mainly from South or Southwest, with rain or showers in all districts and a moderate temperature.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 17th May, 1922.	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	Wind South to Southwest, light or moderate; mainly cloudy, brighter intervals, occasional rain or showers; some mist or fog in places; moderate temperature.	Winds between South and West, with occasional rain and bright periods.
12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind indefinite or Southerly, light; mainly cloudy, rain or showers at times; some mist or fog in places; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as Nos. 1 to 11.	

MAK.

SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 17TH MAY, 1922.

Scale - 1:10,000,000

Nautical Miles

Statute Miles

HIGH

1010

1008

10 33 Cloudy

2 30 Cloudy

5 30 Cloudy

10 35 O'cast

Barometric

Changes

Slight and Irregular.

Bar. Falling Slowly.

Bar. Rising Slightly.

LOW

HIGH

45 Fine

46 Fair

Barometric

42 Rain

45 Drizzle

43 O'cast

Changes

45 Fog

45 Rain

46 Mist

Slight

49 O'cast

55 Fair

51 Drizzle

51 O'cast

54 Fine

50 Fine

51 O'cast

49 O'cast

53 O'cast

55 Fine

52 O'cast

49 O'cast

51 O'cast

52 Fine

52 Drizzle

59 O'cast

52 Rain

57 Cloudy

Fog

55 O'cast

57 Fine

55 O'cast

59 Fine

Cloudy

63 O'cast

996

998

1000

1002

1004

1006

1008

1010

1012

1014

1016

1018

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

EXPLANATION

PRESSURE. Isobars are drawn for intervals of two millibars.

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

TEMPERATURE is given in °F

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

SEA. Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY

		Land Reports.
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 " "		5 "
7. Good " "		12 "
8. Very good " "		31 "
9. Excellent. "	beyond	31 "

MKO.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. WEDNESDAY 17TH MAY 1922. No. 137

Observations at 0100 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000.6	0	-	0	ffo	44	97	2	2500	Nb	10	-	10	•
Stornoway	997.0	+2	S	3	d.d.	•	•	4	•	•	•	•	•	•
Wick	998.1	0	SSW	1	0	49	97	8	2500	CuNb	10	-	10	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	999.2	0	-	0	o/r	51	97	7	5700	Nb	10	-	10	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1000.7	-1	W	1	ovr.	50	92	8	-	Nb	10	-	10	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1003.1	-3	SW	1	or-	51	97	5	4000	Nb	10	-	10	•
Blacksod Point ...	998.6	-2	S	4	cpr.	51	92	5	-	Sr	7	-	7	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Collinstown	1002.2	-1	SW	1	o	52	97	7	1500	Sr	9	-	9	•
Holyhead	1002.4	-1	S'W	4	fo+	•	•	3	~~450~~ 200	Sr	10	-	10	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1005.9	-2	SW	4	or.	50	97	6	4000	Nb	10	-	10	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1007.1	-2	S	4	orr	49	97	6	800	Nb	10	-	10	•
Gorleston	1010.5	0	WSW	3	b.	45	85	7	-	-	0	CiCu	2	•
Valencia (Cahirciveen)	1002.9	-1	NW	3	bc+	51	97	6	-	-	0	ASr	6	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1005.6	0	S	3	ffo	50	97	2	4150	Sr	10	-	10	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	1010.7	-3	SSW	4	c	47	85	8	-	-	0	ACu	8	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1011.3	-1	SW	1	c	47	92	7	-	-	0	CiSr	8	•
Scilly (St. Mary's) ...	1006.5	-1	W'N	2	oF	52	92	0	225	Sr	10	-	10	•
Falmouth (Pendennis)	1006.1	-4	SW	5	oDD	52	97	4	1500	Nb	10	-	10	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1009.0	-2	SSW	5	orr.	48	75	7	460	Sr	10	-	10	•
Southampton (Calshot)	1010.3	-3	S	4	or.	52	85	8	2500	Nb	10	-	10	•
Dungeness	1011.6	-2	W	2	bc-	49	97	8	-	-	0	CiCu	4	•
Jersey 7h }	1010.9	-3	SSW	5	or+	53	75	5	4000	Nb	10	-	10	•
Guernsey 1h }														

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000.3	0	-	0	ffo	45	97	2	2500	Nb	10	-	10	0
Stornoway	996.5	0	WSW	2	0	49	97	5	450	Sr	10	-	10	1
Wick	997.6	0	-	0	be/r	50	97	8	5750	SrCu	2	ACu	5	0
Castlebay	997.6	0	SE	3	o/f	48	97	6	800	Sr	10	-	10	4
Nairn	997.0	•	-	0	bc	54	85	8	4000	Cu	2	ACu	4	•
Aberdeen	999.2	0	S	1	bc+	55	92	4	4000	SrCu	4	-	4	0
Malin Head	998.5	-2	S	1	0	51	92	7	5700	SrCu	3	ASr	10	0
Renfrew	999.7	-1	-	0	od-	51	97	3	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	999.9	-1	SSW	1	o/r	51	92	8	-	SrCu	10	-	10	1
Eskdalemuir	1001.1	-1	S'W	2	orr	48	97	5	225	Nb	10	-	10	•
Tynemouth	1001.3	-1	SSW	2	b-	54	85	5	-	-	0	ACu	3	0
Blacksod Point ...	996.7	-2	SW'S	4	0	51	92	7	-	-	0	ACu	9	4
Donaghadee	1000.8	-1	W	1	c-	53	97	6	1500	Sr	2	ACu	7	1
Birr Castle	1000.0	•	S	1	c-	51	97	7	4000	Nb	6	ACu	8	•
Collinstown	1002.6	+1	SW	3	c	52	92	7	2500	SrCu	3	ASr	8	•
Holyhead	1002.2	+1	SSW	4	o/r	49	97	5	4150	Sr	10	-	10	0
Liverpool (Bidston) ...	1002.3	0	SSE	2	c/r	54	92	7	1500	CuNb	8	-	8	3
Chester (Shotwick) ...	1002.0	-1	S	3	o+	55	85	6	1500	Nb	9	ACu	10	•
Spurn Head	1004.2	-1	SW	4	c	54	92	6	1500	SrCu	8	-	8	3
Nottingham	1004.5	•	SSW	3	0	53	92	6	1500	Nb	10	-	10	•
Cranwell	1005.5	0	S	4	0	52	92	8	1500	Sr	10	-	10	•
Gorleston	1008.2	-2	WSW	4	o+	52	85	7	7200	SrCu	10	-	10	1
Valencia (Cahirciveen)	999.6	-3	S	4	0	52	92	6	800	Sr	10	-	10	1
Roches Point	1001.8	-2	S'W	3	0	51	97	6	800	Sr	10	-	10	3
Pembroke (St. Ann's H.)	1005.1	+1	WSW	3	o/f	49	97	6	800	Sr	10	-	10	•
Ross-on-Wye	1004.8	-1	SSW	2	or.	52	92	7	2500	Nb	10	-	10	•
Benson...	1006.5	-1	S	3	o/r	50	97	6	-	Sr	10	-	10	•
S. Farnborough ...	1007.6	-2	S	3	odd	50	97	6	1500	Nb	10	-	10	•
London (Kew Obsy.) ...	1007.9	-1	S	2	o/r.	51	92	6	1500	Nb	9	ASr	10	•
Croydon	1008.6	-2	SSW	3	or.	49	97	6	800	Sr	9	ASr	10	•
Clacton-on-Sea ...	1008.6	-2	SSW	3	c+	52	85	7	1500	Sr	8	-	8	1
Shoeburyness	1008.7	-1	SW	3	cr.	50	85	6	1500	SrCu	8	-	8	•
Grain	1008.7	-1	SSW	1	or+	50	85	7	2500	Nb	7	ASr	10	0
Lympne	1009.7	-2	SSW	4	0	49	85	8	2500	Nb	5	ASr	10	•
Scilly (St. Mary's) ...	1006.4	+2	W'N	3	0	50	97	7	4000	SrCu	10	-	10	5
Falmouth (Pendennis)	1006.5	0	W	3	od.	52	97	6	1500	Nb	10	-	10	0
Plymouth (Cattewater)	1005.7	+1	NW	1	or-	52	97	5	4150	Nb	10	-	10	1
Portland Bill	1006.1	-3	S	5	or.	50	75	5	460	Sr	10	-	10	3
Southampton (Calshot)	1007.4	-3	S	5	odd	51	97	5	450	Nb	10	-	10	0
Dungeness	1009.5	-1	WSW	4	c+	51	92	8	-	-	0	ASr	7	4
Jersey 7h }	1008.7	-1	S	3	or-	52	97	7	1500	Nb	10	-	10	3
Guernsey 1h }														

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 15th	Temperature. Max. Day. 16th	Rainfall.† Night 17h.-9h. 15th-16th	Rainfall.† Day 9h.-17h. 16th	Sunshine. Sunrise to 17h. 16th	Sunshine. Sunrise to Sunset. 15th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	r	r.oc	42	64	8	1	1.8	0.0
Montrose	o	o	50	57	2	0.4	0.0	0.6
Llandudno	o	o	44	57	-	-	0.7	9.4
Colwyn Bay ...	c	c.o	50	55	-	-	1.7	11.6
Rhyl...	bc.c	c.o	50	55	-	-	1.1	11.3
Southport	c.or	r.or	45	57	-	5	1.1	10.2
Blackpool	c.o	or	46	53	-	13	0.1	10.8
Harrogate	bc.c	c.op	45	61	-	-	4.1	9.8
Skegness	b	b	42	67	-	-	10.5	10.2
Aberystwyth ...	oc.o	c.or	49	53	-	2	0.0	4.2
Bath	b	b.bc.c	41	60	-	-	9.5	8.8
Leamington Spa ...	bc	bc	41	64	-	-	9.5	7.0
Lowestoft	b	b	43	62	-	-	12.5	12.6
Felixstowe	b	b	44	59	-	-	12.5	14.0
Southend	b	bv	44	66	-	-	11.6	12.9
Paignton	bc.cq	bc.c.opq	39	58	-	-	7.0	11.1
Ilfracombe	b.bc.c	c.or	45	56	-	0.2	7.7	11.9
Bude	bc.c.o	or	42	59	-	0.4	4.0	12.3
Penzance	c.bc	c.or	47	56	-	6	2.0	8.6
Falmouth Observatory	bc.c	or	45	55	-	4	5.6	12.6
Torquay	b	b	45	57	-	-	8.0	11.0
Weymouth	b	bc	44	59	-	-	11.7	12.9
Bournemouth ...	b	b	41	58	-	-	12.0	12.3
Portsmouth (S'thsea)	b	b	42	60	-	-	12.2	12.6
Worthing	b	b	39	57	-	-	12.5	13.9
Brighton	b	b	39	59	-	-	11.9	13.8
Eastbourne	b	b	43	57	-	-	10.4	13.6
Hastings	bc.b	b	42	55	-	-	1.5	13.2
Folkestone	b	b	42	58	-	-	11.7	13.6
Tunbridge Wells ...	b	b	38	61	-	-	12.2	13.8
Ramsgate	b	b	41	61	-	-	11.3	13.1
Margate	b	b	44	65	-	-	12.1	13.8
Deal	b	b	41	61	-	-	11.7	13.5

* 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. 22,092 Thursday, 18th MAY 1922.

Observations at 1300 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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000·0	0	-	0	0	49	92	6	-	-	0	ASt	10	*
Stornoway	996·8	0	SSW	2	0	52	95	5	450	St	10	-	10	*
Wick	997·3	0	S	2	C+	52	85	8	5700	StCu	5	Ci	7	*
Castlebay	997·0	0	ESE	3	0r-	51	97	6	450	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	-	*	*
Aberdeen	1021·2	-1	S	2	0+	57	85	6	4000	StCu	10	-	10	*
Malin Head	996·2	?	W	2	o/r	52	92	?	4000	StCu	10	-	10	*
Renfrew	998·7	-1	SSW	4	o/r	58	75	6	2500	StCu	5	ASt	8	*
Edinburgh (Inchkeith)	999·2	-2	-	0	o/r	51	97	6	-	Nb	10	-	10	*
Eskdalemuir	1000·3	-1	SSW	4	o/r	52	97	6	800	St	10	-	10	*
Tynemouth	1000·7	0	W	1	0	60	75	5	4000	Nb	10	-	10	*
Blacksod Point	996·2	4	W'S	6	bc	55	85	8	-	CuNb	6	-	6	*
Donaghadee	999·5	-1	SW	2	c	59	75	7	5700	StCu	6	Ci	7	*
Birr Castle	998·5	*	S	2	C-	58	85	8	4000	Cu	7	-	7	*
Collinstown	1000·0	-3	SSW	5	or	59	85	8	1500	St	9	-	9	*
Holyhead	1001·2	0	S'W	4	o/r	52	92	8	1500	St	10	-	10	*
Liverpool (Bidston)	1001·8	-1	SW'W	3	bc	59	65	8	2500	CuNb	4	Ci	6	*
Chester (Shotwick)	1001·6	0	SW	4	0⊕	65	55	8	4000	CuNb	1	Ci	9	*
Spurn Head	1003·9	-1	SSW	4	opr₀	56	92	6	4300	StCu	9	-	9	*
Nottingham	1003·2	*	SW	3	o	58	85	6	800	Nb	10	-	10	*
Cranwell	1004·5	-2	S'E	4	oc₀	55	97	5	450	Nb	10	-	10	*
Gorleston	1007·0	-1	SW'W	5	0	56	75	6	4000	CuNb	10	-	10	*
Valencia (Cahirciveen)	1000·3	0	SSW	5	o+	55	75	7	2500	StCu	5	ASt	10	*
Roches Point	1001·4	0	SW	4	c	55	85	8	2500	CuNb	7	-	7	*
Pembroke (St. Ann's H.)	1004·7	-2	SSW	2	o/r	50	97	6	800	St	10	-	10	*
Ross-on-Wye	1004·0	-1	WSW	3	c-	60	75	7	4000	Cu	4	Ci	7	*
Benson	1004·9	-1	SSW	2	ocr₀	56	97	6	-	Nb	10	-	10	*
S. Farnborough	999·3	-1	SSW	4	o/r+	56	85	6	800	Nb	10	-	10	*
London (Kew Obsy.)	1005·6	-3	S	4	o/r	57	85	7	2500	StCu	10	-	10	*
Croydon	1006·4	-3	SSW	5	odd	55	92	6	4500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1007·3	-2	SW	2	o c₀c	53	85	6	1500	Nb	10	-	10	*
Grain	1007·2	-2	S	4	o/r	54	85	8	1500	StCu	10	-	10	*
Lympne	1006·6	-1	S'W	5	orr	50	97	1	<150	Nb	10	-	10	*
Scilly (St. Mary's)	1007·2	0	W	4	bc-	57	97	7	-	-	0	ACu	5	*
Falmouth (Pendennis)	1006·4	0	WSW	6	opr₀	59	65	7	4300	CuNb	9	-	9	*
Plymouth (Castewater)	1007·1	+2	WSW	3	o d	52	97	6	<150	Nb	10	-	10	*
Portland Bill	1005·3	-1	SW	5	bc/r	52	85	7	1500	StCu	6	-	6	*
Southampton (Calshot)	1006·6	0	SW	4	o/r	54	97	6	450	St	10	-	10	*
Dungeness	1008·4	-1	SSW	4	o/r	51	97	5	1500	St	10₀	-	10	*
Jersey 7h	1008·6	+1	WSW	3	bc/r	58	75	8	-	-	-	ACu	4	*
Guernsey 1h														

Observations at 1800 G.M.T. 18th 17h.

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1000·2	0	-	0	fxo-	47	97	3	-	-	0	ASt	10	0
Stornoway	996·6	0	S	1	c-	53	92	6	4000	Cu	8	-	8	0
Wick	997·0	1	ENE	2	0rr	50	92	7	4000	Nb	10	-	10	0
Castlebay	995·7	-1	-	0	mmo	50	97	6	800	St	10	-	10	2
Nairn	999·6	*	-	0	c/r	54	92	8	4000	CuNb	4	ACu	7	*
Aberdeen	998·0	-2	S	2	0	52	85	5	4000	StCu	10	-	10	0
Malin Head	995·8	0	W	3	c/+	52	92	3	-	-	0	ACu	8	4
Renfrew	997·7	-1	S	3	o/r	53	85	6	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	997·7	-2	SW	4	o/r	54	75	8	-	St	6	ASt	10	3
Eskdalemuir	999·7	-2	SSW	5	or	50	92	6	800	Nb	10	-	10	*
Tynemouth	1000·9	0	W	3	c	59	65	6	800	CuNb	5	Ci	7	0
Blacksod Point	997·4	+1	WSW	4	0	51	92	9	-	CuNb	9	-	9	3
Donaghadee	999·0	-1	SW	1	c+	53	85	7	4000	StCu	8	-	8	0
Birr Castle	999·5	*	SW	2	opr₀	54	92	7	4000	Nb	9	-	9	*
Collinstown	1000·3	0	W	3	o/p	57	75	8	1500	StCu	10	-	10	*
Holyhead	1001·1	-1	SW'S	5	o/r	51	92	7	800	St	10	-	10	3
Liverpool (Bidston)	1001·4	0	SW	4	opr₀	54	85	8	1500	Nb	9	-	9	3
Chester (Shotwick)	1001·3	0	SSW	3	or₀	56	75	9	1500	St	10	-	10	*
Spurn Head	1001·7	-1	SSW	4	0	58	92	6	4000	StCu	5	ASt	9	3
Nottingham	1002·5	*	SW	4	tr	56	85	6	800	CuNb	4	Ci	7	*
Cranwell	1001·8	-3	S'W	5	opr₀	60	85	7	1500	St	6	ASt	9	*
Gorleston	1005·6	-1	WSW	4	o/r	54	97	6	4000	Nb	10	-	10	4
Valencia (Cahirciveen)	1001·5	+2	WSW	4	bc-	54	85	7	1500	StCu	3	ACu	4	4
Roches Point	1002·0	0	WSW	5	opr₀	53	85	8	1500	CuNb	9	-	9	6
Pembroke (St. Ann's H.)	1005·1	+1	WSW	4	b	51	97	6	-	-	0	-	0	*
Ross-on-Wye	1004·6	0	W'S	3	bc	56	75	8	4000	Cu	6	-	6	*
Benson	1005·6	0	SSW	3	or	55	92	7	-	Nb	10	-	10	*
S. Farnborough	1006·6	+1	SW'W	4	o	59	75	7	2500	Cu	9	-	9	*
London (Kew Obsy.)	1005·8	0	S'W	4	c-	60	65	8	4000	StCu	7	Ci	8	*
Croydon	1006·4	0	SW'S	5	bc-	57	75	8	1500	StCu	4	Ci	5	*
Clacton-on-Sea	1007·1	0	SSW	4	c/r	54	97	6	1500	St	6	Ci	8	2
Shoeburyness	1006·1	-1	SW	4	bc/r	58	75	7	-	-	-	CiSt	6	*
Grain	1001·6	0	SSW	4	bc	57	75	8	4000	Cu	2	Ci	5	0
Lympne	1008·1	0	SSW	4	o/r	51	97	7	<150	St	9	ASt	10	*
Scilly (St. Mary's)	1007·9	+1	W'N	4	b	55	85	7	-	-	0	-	0	4
Falmouth (Pendennis)	1007·9	+2	WSW	6	o/r	54	85	7	2500	CuNb	9	-	9	2
Plymouth (Castewater)	1007·6	+1	WSW	5	bc	54	~~95~~ 92	6	2500	Cu	2	ACu	4	2
Portland Bill	1007·2	+2	SW	5	bc	53	83	7	1500	StCu	6	-	6	4
Southampton (Calshot)	1007·8	+2	SW	5	o+	53	92	8	450	St	10	-	10	3
Dungeness	1007·9	0	SW	4	c/r	51	97	6	1500	-	0	CiCu	8	4
Jersey 7h	1010·9	0	W	4	c/r	55	~~95~~ 92	8	-	-	-	ACu	7	3
Guernsey 1h														

London Observations	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. 18th								Yesterday.	To-day.	
Kew	od,mo	ococ	bcdcb	*	*	45	0·6	fra	1·2	*	*
Croydon (24 hours ended 0700)	or₀d,d	omdbc	bcc	*	*	43	0·5	-	2·6	*	*
Greenwich (Royal Obsy.)	or	oir	cbo	63	48	41	1	-	1·3	90	68
City (Bunhill Row)	*	*	*	*	*	*	*	*	0·9	*	*
Westminster (St. James Pk.)	o	o	oc	62	51	46	1/1		1·0	93	98
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	0·7	*	*
Garden Square	od	c+	*	?	49	45	1	0·3	*	78	
Kensington Palace	or	o	*	63	50	44	0·8	-	*	70 (18h)	
Hampstead Observatory	orc	c	*	59	48	40	1	fra	0·7	*	80

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 17th

South Kensington Max.	Time.	Min.	Time.
1·0	11h (17th)	<0·3	0-6h (18th)

Kew Observatory Max.	Time.	Min.	Time.
0·3	7h (17th)	<0·3	24h
0·3	15h (17th)		(16th)

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 17th 21 h. 0 m. to 18th 3 h. 0 m.

Stars	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·0	4·38	77
δ Ursæ Minoris	6·0	4·15	71

Radio Disturbances (Atmospherics) at Croydon.

Time.	Type.	No. per sec.	Stren.	Direc.
11h.	-	-	-	-
18h.	-	-	-	-
19h.	-	-	-	-
20h.	-	-	-	-

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

18th & 19th May, 1922.

Stations	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·55	11·49	7·42
	3·53	11·49	7·44
Greenwich	4·6	11·56	7·46
	4·5	11·56	7·47
Wick	3·40	12·8	8·35
	3·42	12·8	8·37
Valencia	4·46	12·37	8·28
	4·44	12·37	8·29

Beaufort Notation of Weather.

h 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_0r_0 = continuous light rain.

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.

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

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

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

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 17th	13h.-19h. 17th	18h. to 1h. 17th/18th	1h.-7h. 18th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	p	ff	ff	Ffrd	51	44	•	0·4	5	14·30	1·30	•
Stornoway	oo	oo	rrd	rrd	57	47	•		8	–	<2100	2·1
Wick	bobc	cod	oFF	oFFoid	57	46	•	0·3	6	14·30	<2100	•
Castlebay	orrm	rmom	orm	omopo	51	48	•	2	1	–	–	0·0
Nairn	c	R	cirg	ire	60	47	•	2	2	12·30	<2100	3·9
Aberdeen	bembo	cmom	prom	beme	63	47	36	–	trace	–	<2100	4·6
Malin Head[b]	omq	ber					•	8		1430		
Renfrew	oddm	oro	omir	opm	60	45	37	0·4	trace	<0800	–	1·1
Edinburgh (Inchkeith)	form	oo	c	c	59	47	43	2	0·1	13·30	–	0·8
Eskdalemuir	mfeo	oo ir	oir		54	45	44	4	87	<0800	<2100	0·3
Tynemouth	bem	m	rrm	orrir	65	49	41	–	2	–	2200	•
Blacksod Point ...	c	oo	c				•	0·5		–		•
Donaghadee	bc	beir	cmp	bc	60	47	•	4	3	12·30	–	•
Birr Castle	cor	cpr	coPR	co	59	47	44	3	3	<0800	<2100	4·3
Collinstown	oo	p	olpRe	bcopr	60	46	?	2	3	12·30	<2100	2·9
Holyhead	moir	orooo	copr	or	53	48	47	Trace	1	11·00	<2100	1·7
Liverpool (Bidston) ...	cbc	cp	p	p	61	49	46	0·3	2	17·30	<2100	5·4
Chester (Shotwick) ...	oo	or	orroco prm	coprm	66	50	45	Trace	0·6	17·30	<2100	•
Spurn Head	p	p	c	c	61	47	•	Trace	0·2	<0800	<2100	0·2
Nottingham	do	pL	c	cp	63	48	43	1	0·1	<0800	<2100	0·6
Cranwell	oorod	odprc	bclb	bbc.c	61	47	43	2	–	<0800	–	0·4
Gorleston	oprq	oirq	cbc	bcbwq	57	48	45	1	–	0900	–	0·0
Valencia (Cahirciveen)	oco	ocp bc	cp	cpbcc	56	48	45	1	2	13 30	<2100	5·7
Roches Point	oipc	cpo	p.bc	b.bc	57	49	•	2	0·3	0900	<2100	•
Pembroke (St. Ann's H.)	p	c	oo	c	52	49	•	2	0·2	<0800	–	3·8
Ross-on-Wye	ropoc	ber abc	bccobc	bbco	62	50	48	1	–	<0800	–	3·3
Benson...	or	obcr	irbc	bo	63	48	41	4	1	<0800	<2100	•
S. Farnborough ...	ror	oirom	obo	o	63	48	44	2	–	<0800	–	2·5
London (Kew Obsy.)...	odmo	ococ	bccbcb	oo	64	50	45	0·6	trace	<0800	–	1·2
Croydon	ordd	omdbc	bcc	cbc	61	48	43	0·5	–	<0800	–	2·5
Clacton-on-Sea ..	c.o	p c	cbc	bcc	54	51	47	2	–	0900	–	1·0
Shoeburyness ...	orr	orrcbc	o	bcbo	59	49	46	2	–	<0800	–	1·2
Grain	orro	o.o c bc	bcbc	bcco	60	50	40	1	–	<0800	–	2·3
Lympne	oorrf	orf	ocbc	bcco	53	48	44	2	–	11·00	–	0·0
Scilly (St. Mary's) ...	omd	bcm	bc	oo	57	50	•	trace	–			5·6
Falmouth (Pendennis)	omp	omp	omp	omp	59	50	•	0·5	0·3	<0800	<2100	3·3
Plymouth (Cattewater)	rrd	odobc	bbc	c	56	51	48	0·2	–	1230	–	5·3
Portland Bill	orc	c	bobc	c	54	49	•	0·3	–	<0800	–	•
Southampton (Calshot)	ddid	c	c	creed	57	51	49	2	trace	<0800	6·30	2·6
Dungeness ...	rr	p	oo	c	53	50	•	2	–	09·00	–	•
Jersey 7h. / Guernsey 1h. ‡ ..	opcb	b.r.c	bc	bcco	59	51	•	2	–	09·00	–	2·8

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	16th 1200	"Reindeer"	SW	3	b	53	52
2	17th 1010	"Hibernia"	SW	5	bc	51	48
3	18th 0300	"Brighton"	W'S	4	be/r	52	51

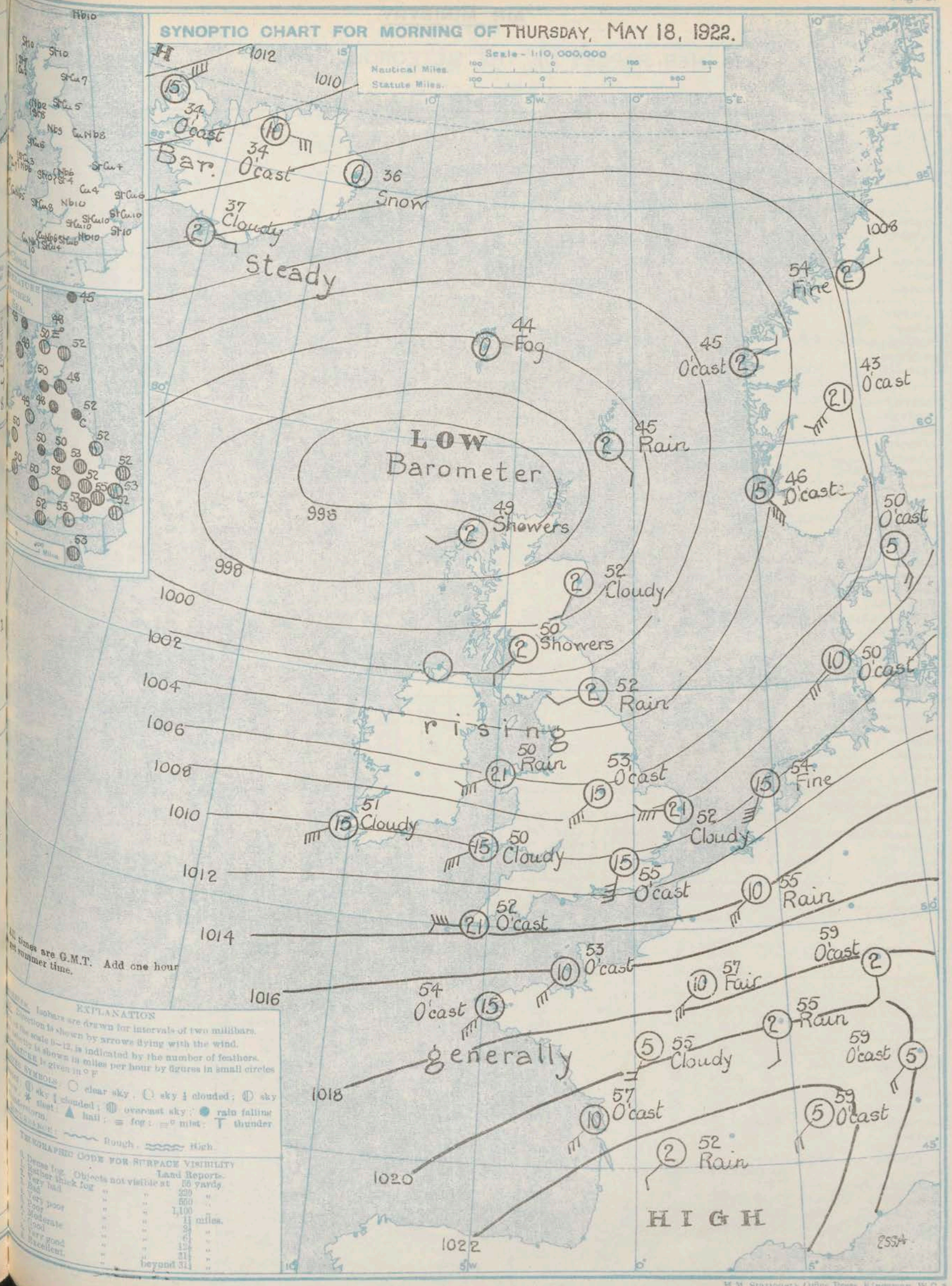
GENERAL INFERENCE.

The depression centred near the Hebrides is moving north very slowly and winds will continue between S.W. and W over our area. Small secondary disturbances will cause rain or showers in places with a thundery tendency but there will be brighter periods.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 18th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S.W. to W, moderate or fresh, cloudy, rain or showers in places, thundery tendency, brighter periods; visibility mainly good; moderate temperature.	Westerly winds and moderate temperature; unsettled but some bright periods.
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	Wind S.W. to W, moderate, fresh at times; cloudy, some rain, thundery tendency; visibility moderate, some coast mist; moderate temperature.	
16. Orkneys and Shetlands	Light S.E. wind; cloudy, some coast mist; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W. to W moderate to strong; cloudy, some rain, thundery tendency; visibility moderate; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.10 GMT. G. C. SIMPSON, F.R.S., Director.

‡ For Code see opposite page.



TELEGRAPHIC CODE FOR SURFACE VISIBILITY

	Land Reports.	
0. Dense fog. Objects not visible at	55	yards
1. Rather thick fog " "	220	"
2. Very bad " "	550	"
3. Very poor " "	1,100	"
4. Poor " "	1½	miles.
5. Moderate " "	3	"
6. Good " "	6	"
7. Very good " "	12	"
8. Excellent. " "	31	"
" "	beyond 31	"

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday 18th MAY 1922. No. 138.

Observations at 0100 G.M.T. ~~17th~~ 18th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	999.9	0	-	0	ffo	46	97	2	2500	Nb	10	-	10	·
Stornoway	997.4	0	-	0	orr	·	·	4	·	·	·	·	·	·
Wick	995.5	-2	-	0	FFo	48	97	0	450	St	10	-	10	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head														
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	999.1	+1	WSW	2	b-	49	85	8	*	StCu	2	-	2	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1001.0	0	W	2	b/r	50	92	6	-	-	0	ACu	3	·
Blacksod Point	1000.9	+3	W	4	c-	50	92	4	-	CuNb	7	-	7	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Collinstown	1003.2	+2	SW	5	bc-	47	97	8	2500	StCu	4	-	4	·
Holyhead	1002.6	+1	SW	4	or₀	·	·	7	2500	StCu	10	-	10	·
Liverpool (Bidston)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	1004.9	+1	SW	3	b	50	85	6	·	·	0	-	0	·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1006.2	+4	SSW	5	b	48	92	7	·	·	0	-	0	·
Gorleston	1007.9	+1	W	3	bc/r	51	92	7	7200	StCu	5	-	5	·
Valencia (Cahirciveen)	1004.8	+2	SW	5	o+	50	92	4	-	St	10	-	10	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1007.0	+3	WSW	5	o	50	97	7	1500	St	10	-	10	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	·	·	·	·	·	52	·	·	·	·	·	·	·	·
Croydon	1010.4	+3	SW	3	c	50	92	7	2500	StCu	8	·	8	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1011.5	+4	SW	4	bc	50	92	7	1500	St	5	·	5	·
Scilly (St. Mary's)	1010.1	+3	W	4	bc	52	92	7	4000	StCu	3	-	3	·
Falmouth (Pendennis)	1010.8	+2	WSW	5	o	52	92	7	2500	CuNb	9	-	9	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1009.7	+2	WSW	5	bc-	50	85	7	4000	StCu	4	-	4	·
Southampton (Calshot)	1011.2	+3	WSW	4	c-	52	85	8	2500	StCu	8	-	8	·
Dungeness	1011.5	+3	SW	4	c-	51	97	8	4000	Nb	8	·	8	·
Jersey 7h	1012.4	+3	SSW	5	mmo	52	97	5	800	St	9	-	9	·
Guernsey 1h														

Observations at 0700 G.M.T. 18th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	998.3	-2	SE	1	or-	45	97	4	2500	Nb	10	·	10	0
Stornoway	996.8	+2	WSW	1	opr₀	49	92	5	450	St	10	·	10	0
Wick	995.9	+1	S	1	mo-	48	97	5	800	St	10	-	10	0
Castlebay	998.6	+2	WNW	4	o/r	49	92	7	1500	St	9	ACu	9	3
Nairn	997.5	·	SW	1	bc/r	50	85	8	4000	Cu	4	·	6	·
Aberdeen	998.5	+2	SSW	1	c	52	75	7	5700	StCu	7		7	0
Malin Head	1001.5	+3	SW	1	opr₀	50	85	6	2500	St	10	·	10	·
Renfrew	1000.7	+3	WSW	3	o+	48	85	7	·	StCu	9	·	9	·
Edinburgh (Inchkeith)	1002.7	+3	WSW	4	od₀	48	85	7	1500	Nb	9	·	9	0
Eskdalemuir														
Tynemouth	1002.2	+2	WSW	1	cr	52	85	6	4000	CuNb	8	·	8	·
Blacksod Point	1004.0	+4	W	1	bc-	49	92	8	5700	StCu	5	CiCu	6	0
Donaghadee	1006.7	·	W	3	c-	50	92	7	4000	Cu	7	-	7	·
Birr Castle														
Collinstown	1007.2	+4	W'N	4	oPR:	50	92	7	800	Nb	9	·	9	4
Holyhead	1006.4	+4	WSW	5	or₀	50	92	7	800	St	10	·	10	3
Liverpool (Bidston)	1006.1	+3	SW'W	3	o/r	50	85	8	1500	Nb	10	·	10	·
Chester (Shotwick)	1005.6	+4	SW	3	opr₀	52	85	6	450	Nb	10	·	10	·
Spurn Head	1006.3	+2	SSW	5	bc	52	85	6	4000	StCu	4	ASt	6	4
Nottingham	1007.8	·	SW	4	o	53	85	6	800	Nb	8	CiSt	9	·
Cranwell	1007.9	+3	SW	5	bc-	53	92	8	4000	Cu	4	ACu	5	·
Gorleston	1009.6	+1	W	5	c+	52	85	6	5700	StCu	8	·	8	4
Valencia (Cahirciveen)	1010.4	+4	WSW	4	cjp	51	85	8	1500	StCu	7	Ci	8	·
Roches Point	1010.0	+4	W	3	bc	50	85	8	2500	CuNb	5	-	5	·
Pembroke (St. Ann's H.)	1010.5	+4	WSW	4	c	50	85	7	5700	StCu	8	·	8	·
Ross-on-Wye	1009.6	+3	SW'W	3	o+	52	75	7	2500	Nb	10	·	10	·
Benson	1010.8	+3	SW	4	o+	52	85	7	-	Cu	9	-	9	·
S. Farnborough	1011.7	+3	SW	3	o+	53	85	8	1500	StCu	10	-	10	·
London (Kew Obsy.)	1011.8	+2	S'W	4	o	55	75	7	4000	StCu	10	·	10	·
Croydon	1012.2	+3	SW'S	4	o	54	85	7	1500	StCu	5	ACu	10	·
Clacton-on-Sea	1011.6	+3	SW	4	c-	53	85	7	2500	Cu	2	ACu	7	3
Shoeburyness	1012.4	+3	SSW	4	o	53	75	6	4000	StCu	10	·	10	·
Grain	1012.4	+3	SSW	5	o	54	85	7	2500	StCu	10	·	10	·
Lympne	1013.5	+3	SW	5	o	52	92	7	450	St	10	·	10	·
Scilly (St. Mary's)	1013.7	+1	WNW	4	o	52	85	7	1500	St	10	-	10	4
Falmouth (Pendennis)	1013.4	+4	W	5	o	52	92	7	4000	CuNb	10	·	10	3
Plymouth (Cattewater)	1013.0	+5	WSW	3	ojp	52	92	8	1500	CuNb	10	·	10	3
Portland Bill	1012.0	+2	WSW	5	oc+	53	85	7	1500	StCu	6	·	6	4
Southampton (Calshot)	1013.0	+3	SW	5	o/r	53	85	7	800	Nb	10	·	10	·
Dungeness	1013.2	+2	SW	4	bc-	52	92	7	1500	Cu	5	·	5	4
Jersey 7h	1016.5	+1	SW	3	o	53	85	8	2500	StCu	10	·	10	3
Guernsey 1h														

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

Stations.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night 16th °F.	Temp. Max. Day 17th °F.	Rainfall† Night 17h.-9h. 16-17th mm.	Rainfall† Day 9h.-17h. 17th mm.	Sunshine Sunrise to 17h. 17th hr.	Sunshine Sunrise to Sunset 16th hr.
Banff	ocbc	oqro	47	64	–	2	2·3	3·5
Montrose	c	c	49	57	–	–	2·9	0·0
Llandudno	c c	od o	49	59	–	–	4·5	0·7
Colwyn Bay	bc	bc.c	52	59	–	–	6·7	1·7
Rhyl	bc	c	53	60	0·3	–	6·1	11
Southport	c.bc.bc	c.bc.co	50	60	9	–	8·8	11
Blackpool	c	bc o	51	58	8	–	5·4	0·1
Harrogate	c.o	orpcbc	49	61	7	2	0·7	4·1
Skegness	or.o	p o	48	57	1	0·2	0·0	12·0
Aberystwyth	roo	crc	50	55	5	1	1·5	0·0
Bath	od	orcbc	50	63	4	1	1·5	9·5
Leamington Spa	od e	bc	48	64	3	0·2	2·0	10·5
Lowestoft	op	op	47	54	–	2	0·0	13·1
Felixstowe	omr	poq₃	49	54	0·4	3	0·0	13·3
Southend	op	opc	46	58	3	1	0·1	13·0

Stations.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night 16th °F.	Temp. Max. Day 17th °F.	Rainfall† Night 17h.-9h. 16-17th mm.	Rainfall† Day 9h.-17h. 17th mm.	Sunshine Sunrise to 17h. 17th hr.	Sunshine Sunrise to Sunset 16th hr.
Paignton	oop cq	bc	51	62	5	1	1·7	8·0
Ilfracombe	ofcd	cocbc	50	56	10	1	2·4	7·7
Bude	rodm	m	51	56	12	0·1	1·3	5·5
Penzance	o c	bc	51	59	14	–	2·1	1·7
Falmouth Observatory	bc	bc.c	50	57	1	0·3	2·8	5·6
Torquay	cp bc	cp bc	52	61	4	0·3	3·2	8·0
Weymouth	od o	c.bc	49	59	11	0·3	3·0	11·8
Bournemouth	o bc o	o	49	59	5	–	1·3	12·5
Portsmouth (S'thsea)	or	bc	48	59	4	1	2·2	13·7
Worthing	r	r	49	54	4	2	0·1	12·9
Brighton	r	ro	44	53	4	4	0·3	13·1
Eastbourne	r	ro	48	54	1	7	0·0	11·9
Hastings	or	odo	47	55	0·3	5 ~~4~~ 2	0·0	11·9
Folkestone	o	d	47	54	–	1	0·0	13·4
Tunbridge Wells	o.od	odoc	45	57	1	1	0·0	13·3
Ramsgate	o	o	45	53	–	2	0·0	14·1
Margate	o	or	47	55	–	2	0·0	13·2
Deal	od	r.od	46	55	–		0·1	14·1

* 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 22,093 FRIDAY, 19th MAY 1922.

Observations at 1300 G.M.T. 18th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	998·0	0	SSW	1	ffo	47	97	2	–	–	0	ASt	10	*
Stornoway	1000·1	+4	NW	2	o/r	52	85	6	450	St	10	–	10	*
Wick	998·0	+3	WNW	3	ojp	55	65	8	2500	CuNb	5	ACu	9	*
Castlebay	1002·2	+3	WSW	5	opr₀	51	85	6	1500	St	10	–	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1000·7	+2	SW'S	3	c	59	55	8	4000	StCu	7	–	7	*
Malin Head														*
Renfrew	1005·2	+5	SW	5	c/r	55	65	7	2500	StCu	7	Ci	8	*
Edinburgh (Inchkeith)	1002·8	+4	WSW	4	o	52	75	8	–	StCu	9	–	9	*
Eskdalemuir	1006·8	+4	W'S	5	oPR	49	85	7	2500	Nb	10	–	10	*
Tynemouth	1005·5	+4	SW	2	c/r	59	65	7	4000	CuNb	7	–	7	*
Blacksod Point	1009·6	+3	W	7	c	55	75	8	–	CuNb	8	–	8	*
Donaghadee	1007·3	+3	W	3	bcpr₀	55	75	8	5700	Cu	5	–	5	*
Birr Castle	1010·5	*	W	3	c+	54	85	8	4000	StCu	8	–	8	*
Collinstown	1011·0	+4	W	5	c	57	75	8	2500	StCu	8	–	8	*
Holyhead	1011·0	+5	SW	5	cpr₀	54	85	8	2500	StCu	8	–	8	*
Liverpool (Bidston)	1010·6	+5	W'S	6	c–	54	65	8	1500	CuNb	5	CiCu	7	*
Chester (Shotwick)	1009·9	+5	SW'W	4	o/r	56	65	8	2500	StCu	7	ACu	10	*
Spurn Head	1009·5	+3	WSW	6	c	57	85	7	4000	Cu	7	–	7	*
Nottingham	1011·2	*	W	5	o	58	65	7	800	CuNb	8	CiSt	9	*
Cranwell	1011·4	+4	SW	5	o	57	75	8	1500	StCu	9	–	9	*
Gorleston	1012·2	+2	W	5	c	63	55	6	5700	StCu	8	–	8	*
Valencia (Cahirciveen)	1013·9	+3	SW'W	4	C+	55	75	8	4000	StCu	6	ACu	7	*
Roches Point	1013·4	+3	WSW	4	C	55	75	8	4000	StCu	5	Ci	8	*
Pembroke (St. Ann's H.)	1015·2	+5	WSW	4	bc	52	85	7	5700	StCu	2	Ci	5	*
Ross-on-Wye	1013·4	+4	WSW	4	c	57	55	8	4000	StCu	7	ACu	8	*
Benson	1013·8	+2	WSW	5	c–	60	55	8	–	Nb	7	–	7	*
S. Farnborough	1014·6	+3	W	4	c–	59	65	8	2500	Cu	7	–	7	*
London (Kew Obsy.)	1014·7	+3	SW	3	bc/r	59	65	8	4000	Cu	1	ACu	5	*
Croydon	1015·2	+4	WSW	4	opr₀	58	65	8	2500	StCu	10	–	10	*
Cleacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1014·7	+3	WSW	1	opr₀	58	65	6	2500	StCu	8	ACu	9	*
Grain	1014·7	+2	SW	5	o	60	65	8	1500	StCu	10	–	10	*
Lympne	1016·1	+3	SW	5	o/r	56	85	8	450	St	5	ACu	9	*
Scilly (St. Mary's)	1017·4	+3	WNW	4	odo	55	85	7	4000	CuNb	6	–	6	*
Falmouth (Pendennis)	1016·7	+6	W	5	c–	57	75	7	4000	CuNb	8	–	8	*
Plymouth (Cattewater)	1016·5	+3	SW	4	od	53	85	7	1500	St	10	–	10	*
Portland Bill	1015·5	+3	WSW	5	o	53	85	7	–	–	0	ASt	10	*
Southampton (Calshot)	1016·1	+3	SW	6	o	55	85	7	1500	StCu	10	–	10	*
Dungeness	1016·6	+3	SW	4	o+	56	85	7	5700	StCu	9	–	9	*
Jersey 7h														
Guernsey 1h														

Observations at 1800 G.M.T. 18th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	998·4	+1	WSW	3	o	47	97	5	–	–	0	ASt	10	2
Stornoway	1000·8	0	SW	3	opr₀	52	85	6	450	St	10	–	10	2
Wick	1001·3	+5	NW	2	o/r	50	92	8	2500	CuNb	6	ASt	10	0
Castlebay	1004·7	+2	WSW	5	opr₀	49	97	6	800	Nb	10	–	10	4
Nairn	1002·8	*	W	1	C	55	65	8	1500	Cu	8	–	8	*
Aberdeen	1003·5	+2	WSW	3	c	58	65	8	4000	StCu	8	–	8	0
Malin Head														
Renfrew	1008·0	+4	WSW	5	ojp	51	75	8	2500	Nb	9	–	9	*
Edinburgh (Inchkeith)	1005·5	+3	WSW	5	c–	52	65	8	–	Cu	8	–	8	4
Eskdalemuir	1009·1	+3	W	5	cpr₀	50	75	7	2500	CuNb	7	–	7	*
Tynemouth	1008·6	+4	W	3	c	57	65	7	4000	CuNb	8	–	8	1
Blacksod Point	1011·3	+1	WSW	6	o	51	75	9	–	CuNb	9	–	9	4
Donaghadee	1010·8	+3	W	3	bc/r	54	65	8	5700	Cu	4	CiCu	6	4
Birr Castle	1012·8	*	W	2	o+	54	75	7	4000	Cu	9	–	9	*
Collinstown	1013·7	+3	WSW	4	o+	54	75	8	2500	StCu	6	ASt	9	*
Holyhead	1013·2	+2	SW	4	o	52	85	8	4000	StCu	6	ACu	9	4
Liverpool (Bidston)	1013·2	+3	WSW	3	o/r	55	85	9	1500	StCu	10	–	10	4
Chester (Shotwick)	1012·8	+4	SW	4	o	56	65	8	1500	StCu	9	–	9	*
Spurn Head	1012·8	+3	WSW	5	o	56	92	8	4000	StCu	9	–	9	4
Nottingham	1013·6	*	W	4	c	58	65	6	2500	StCu	4	ACu	7	*
Cranwell	1014·0	+4	SW'W	4	c	57	65	8	2500	StCu	4	ACu	7	*
Gorleston	1013·7	+1	NW	4	c	60	55	6	5700	StCu	8	–	8	1
Valencia (Cahirciveen)	1015·2	+1	SSW	3	o	52	85	7	1500	St	4	ASt	10	3
Roches Point	1015·6	+3	SW	4	o	53	85	8	2500	StCu	10	–	10	3
Pembroke (St. Ann's H.)	1016·7	+1	WSW	4	bc	51	85	8	–	–	0	Ci	5	4
Ross-on-Wye	1015·5	+3	WSW	4	bc	56	55	8	4000	Cu	1	Ci	6	*
Benson	1016·5	+3	WSW	4	bc	58	55	8	–	Cu	1	Ci	4	*
S. Farnborough	1016·7	+3	NW	4	o/r	59	75	8	4000	StCu	9	Ci	10	*
London (Kew Obsy.)	1016·6	+3	WSW	3	c–	60	55	8	4000	Cu	4	Ci	7	*
Croydon	1016·7	+3	SW	3	c	58	65	8	2500	StCu	7	Ci	8	*
Cleacton-on-Sea	1015·6	+3	WSW	4	bc–	58	75	6	4000	Cu	5	–	5	2
Shoeburyness	1016·1	+2	W	3	bc/r	59	65	7	2500	Cu	4	–	4	*
Grain	1016·7	+3	SW	4	bc–	58	75	8	2500	Cu	3	Ci	4	0
Lympne	1018·1	+2	WSW	5	bc+	55	75	8	2500	StCu	3	Ci	5	*
Scilly (St. Mary's)	1018·2	+3	SW'W	2	opo	53	92	7	4000	StCu	6	–	6	4
Falmouth (Pendennis)	1018·7	+4	WSW	4	o	54	85	7	4000	Cu	4	ASt	10	0
Plymouth (Cattewater)	1018·7	+4	SW	4	ojp	53	97	7	1500	St	10	–	10	3
Portland Bill	1017·5	+3	WSW	5	bc	52	85	7	–	–	0	ACu	6	4
Southampton (Calshot)	1018·0	+2	SW	5	c–	55	85	8	7200	StCu	4	CiCu	7	3
Dungeness	1017·3	+1	WSW	4	bc	54	92	8	–	–	0	Ci	4	4

London Observations

	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. 19th								YESTERDAY.		TO-DAY.
Kew											
Croydon } 24 hours ended 0700	oop₀bc	bcoc	bb	*	*	39	fr	fr	4·2	*	*
Greenwich (Royal Obsy.)	or₀p₀p	opr₀c	cbc	*	*	44	fr	fr	3·3	*	*
City (Bunhill Row)	op	op₀bc	bcbororo	65	49	41	0·3	fr	4·8	56	88
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	4·3	*	*
Regent's Pk. (Botanic Gdns.)	bc	o	o	63	51	45	*	0·6	4·4	58	87
Camden Square	*	*	*	*	*	*	*	*	4·5	*	*
Kensington Palace	op	o	*	*	50	46	–	–	*	*	87
Hampstead Observatory	bc	bc	*	63	50	44	*	1	*	58(18h)	87
	cp	bc	bc	60	43	38	fr	fr	6·6	*	86

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
0·3	17h. 17th	<0·3	0–6h 18th
0·6	11h. 18th		

Kew Observatory

Max.	Time.	Min.	Time.
0·3	21h. 17th	<0·3	1h. 18th
0·3	6h 18th		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate

..... Milliwatts.

Maximum Rate

..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 18th 21 h. 0 m. to 19th 3 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·0	4·36	77
δ Ursae Minoris	6·0	4·27	74

Radio Disturbances (Atmospherics) at Croydon.[1]

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.

19th & 20th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·53	11·49	7·44
	3·51	11·49	7·46
Greenwich	4·5	11·50	7·47
	4·4	11·50	7·48
Wick	3·40	12·8	8·37
	3·38	12·8	8·39
Valencia	4·44	12·37	8·29
	4·43	12·37	8·30

Beaufort Notation of Weather.

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

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r_0r_0 = continuous light rain.

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

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

Sea Disturbance.

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

[1] For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

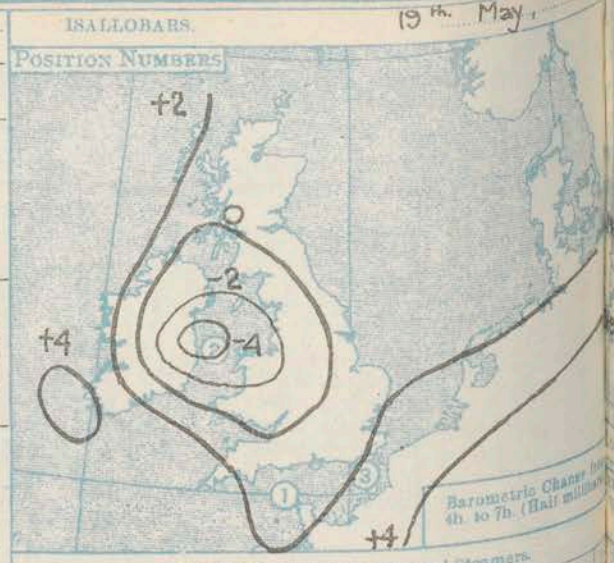
§ For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 18th	13h.-18h. 18th	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. Hours.
Lerwick	ff	oo	r or d	oo	49	45	•	trace	4	17.30	<2100	•
Stornoway	rr	oo	c	bcp	55	46	•	1	2	–	–	1.6
Wick	oo	orr	oir c	c	56	45	•	2	0.1	13.30	<2100	•
Castlebay	ocapm	pmdprn	opomo	oc	51	47	•	0.4	0.3	-	-	4.5
Nairn	cbcc		cg	c	58	45	•	–	-	–	-	1.4
Aberdeen	cbc	bcpro	cbcb	bbco	63	46	37	trace	-	13.30	-	5.8
Malin Head‡		cq opr	bc	bc	?	?	•		-		-	?
Renfrew	oprcq	oropfq	bcq	co	57	47	43	0.4	-	<0800	-	7.2
Edinburgh (Inchkeith)	oo	c	b or bc	c	54	45	41	–	-	–	-	6.0
Eskdalemuir	p	opcpq	cp.c	c	54	40	37	4	trace	<0800	<2100	3.9
Tynemouth	cmp.	oo	cm	cm	60	47	39	0.3	-	<0800	-	•
Blacksod Point ...	c	oo	c	oo	54	45	•	–	2	–	•	•
Donaghadee	bcvp	pcqp	bc	omr	59	46	•	0.2	0.3	<0800	6.30	•
Birr Castle	co	cpr.	co	orr.	57	48	44	0.1	1	1430	4.30	6.8
Collinstown	c	c	c	oro m	59	45	?	0.2	2	<0800	1.30	6.2
Holyhead	or.bcp.	p.oco	oo	omdd	56	48	48	trace	2	<0800	4.30	7.6
Liverpool (Bidston) ...	poc	p.	r or d		59	49	47	1	0.4	<0800	<2100	3.4
Chester (Shotwick) ...	opr	oq	oq.bc	bcor.	59	50	48	0.2	0.2	<0800	5.30	•
Spurn Head	p	c	b or bc	c	60	50	•	trace	-	09.00	-	8.3
Nottingham	p	c	co	oo	61	49	46	trace	0.5	0900	6.30	5.2
Cranwell	c	bobcc	co	oid	61	48	44	trace	0.1	–	3.30	~~9.0~~ 10.0
Gorleston	c	c	bcbcv	bcvcv	64	48	43	-	-	–	-	4.5
Valencia (Cahirciveen)	cbcc	co	oid	oro m	56	50	49	–	0.1	–	<2100	4.8
Roches Point	p.bc	bcco	orr.	oir.	58	50	•	0.3	2	09.00	2200	•
Pembroke (St. Ann's H.)	c	b-bc	opd	opdf	52	50	•	–	1	–	2400	6.7
Ross-on-Wye	oc	coybcy	bccg	ogid.	60	49	46	–	-	–	-	4.8
Benson	oc	bc	bc	oir	62	43	36	0.1	0.4	-	5.30	•
S. Farnborough ...	r.oc	cp.r.co	obor.o	o	63	47	40	trace	trace	<0800	5.30	2.6
London (Kew Obsy.) ...	oop.bc	bccoc	bb	odou	62	50	39	trace	trace	09.00	6.30	4.2
Croydon	or.p.p	opr.c	cbc	coqd	62	49	44	0.1	0.1	11.00	6.30	3.3
Clacton-on-Sea .	cpbc		bc	bcc	61	50	46	trace	-	11.00	•	4.9
Shoeburyness	oir.o	ocbc	co	bc	62	48	45	trace	-	11.00	.-	4.6
Grain	oo	opcbc	bccbc	bccoo	62	49	39	0.4	-	14.30	-	4.7
Lympne	opr	ocbcq	c	omr	58	47	44	0.2	-	11.00	-	6.6
Scilly (St. Mary's)	ocd.	oo	om	ffdd	57	50	•	0.1	1			0.8
Falmouth (Pendennis)	omcm	cmom	om	omomr	58	52	•	–	2	-	3.30	3.0
Plymouth (Cattewater)	r-d	or-d	b.bc	r or d	53	51	48	0.4	2	<0800	-	0.5
Portland Bill ...	oo	c	co	omr	54	48	•	–	1	–	3.30	•
Southampton (Calshot)	oo	c	c	p	57	51	50	trace	0.6	13.30	6.30	2.9
Dungeness ...	c	b-bc	c	c	57	50	•	–	-	–	r	•
Jersey 7h }. Guernsey 1h }												

ISALLOBARS. 19th May,



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	18th 1000	"Hibernia"	W	3	bv	54	48
1	18th 1200	"Reindeer"	SW	4	o/r	53	52
3	19th 0200	"Dieppe"	W	2	b	51	50

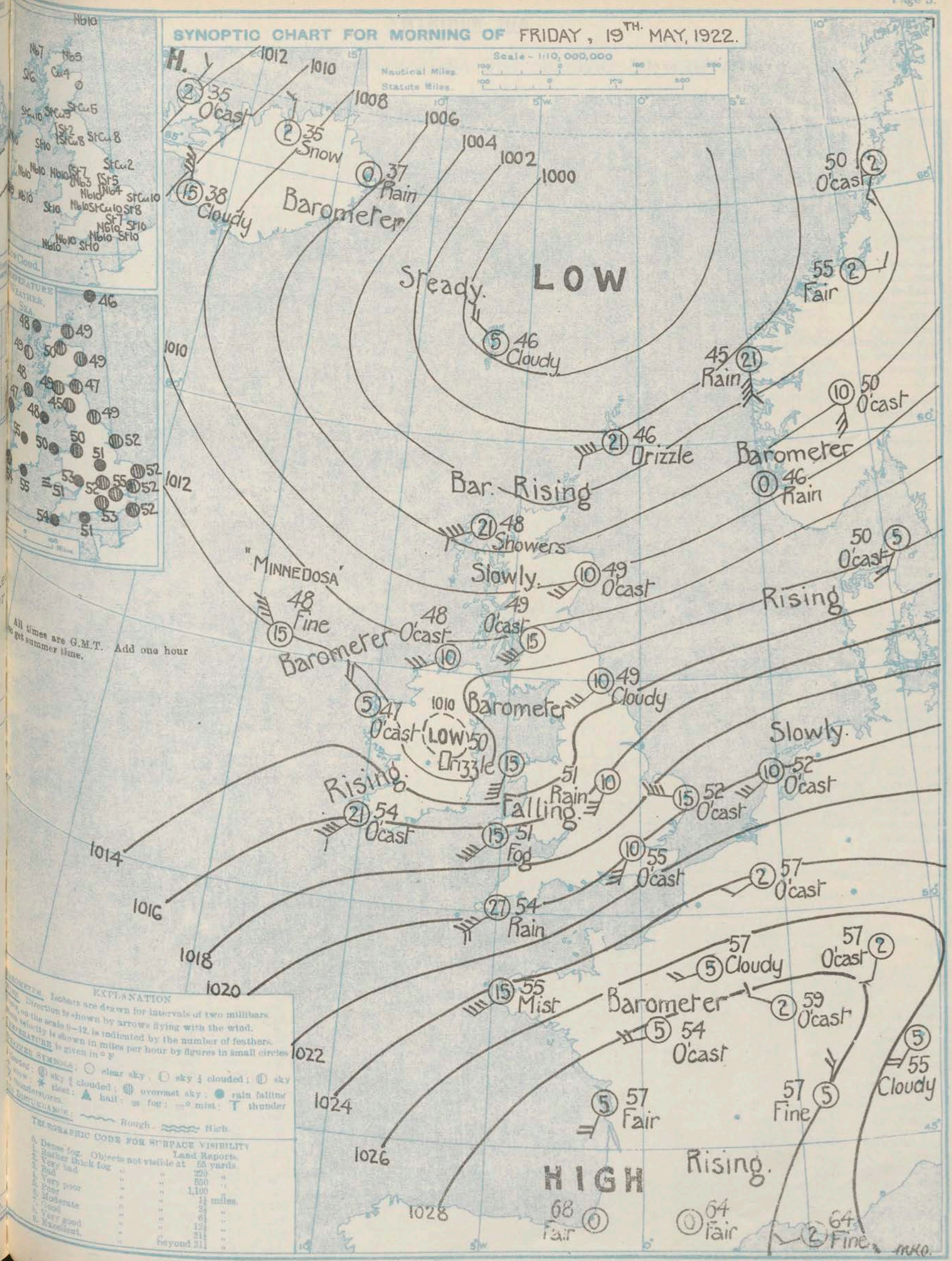
GENERAL INFERENCE.

Further depressions are indicated over the Atlantic and winds are likely to continue from S.W. to W. The main disturbances or secondaries will maintain unsettled weather in all districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 19th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S.W, moderate to strong; changeable, rain at times, brighter periods; visibility moderate; moderate temperature.	Unsettled with winds mainly from S.W. to W.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between S. and W, moderate or fresh; rainy, then fairer temporarily, tendency for thunder; visibility moderate; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light variable winds becoming westerly; cloudy, some rain, tendency for thunder; visibility moderate; moderate temperature.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind westerly, moderate or fresh; cloudy, some rain or showers; visibility mainly good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As for 1 to 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 G.M.T. G. C. SIMPSON, F.R.S., Director.

‡ For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...FRIDAY, 19th MAY.....1922. No. 139

Observations at 0100 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1002.7	+4	WSW	4	or,r	46	97	6	2500	Nb	10	·	10	·
Stornoway	1004.6	+3	SW	5	0	·	·	5	·	·	·	·	·	·
Wick	1003.6	+1	WSW	3	bc/r	47	92	9	4000	Cu	3	ACu	6	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	1010.5	0	W	4	o·	49	97	7	4000	StCu	10	·	10	·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	1010.0	+1	SW	4	bc	46	7s	8	-	StCu	5	·	5	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1012.9	+3	W	1	b.	49	85	6	-	-	0	ACu	2	·
Blacksod Point ...	1011.7	0	W'N	4	c/r	48	92	3	-	St	7	·	7	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Collinstown	1015.5	0	NSW	2	o+	48	92	7	2500	StCu	8	ASt	10	·
Holyhead	1014.7	+1	SW'W	4	0	·	·	7	2500	StCu	10	·	10	·
Liverpool (Bidston) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	1015.5	0	NSW	4	o	51	7s	7	·	·	0	ACu	3	·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1017.6	+3	SW'S	4	0	50	85	7	2500	StCu	10	·	10	·
Gorleston	1017.7	+1	W'N	2	bc	50	7s	8	-	-	0	ASt	10	·
Valencia (Cahireiveen)	1011.6	-1	E	4	bcr	53	97	2	-	StCu	4	-	4	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1018.0	+1	SW	4	od,	50	97	6	1500	Nb	10	·	10	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.) ...	·	·	·	·	·	51	·	·	·	·	·	·	·	·
Croydon	1019.9	+1	SSW	3	bc	49	97	7	-	·	0	ACu	4	·
Clacton-on-Sea ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	48	·	·	·	·	·	·	·	·
Lympne	1020.9	+1	WSW	2	0	47	92	7	1500	St	10	-	10	·
Scilly (St. Mary's) ...	1018.3	-1	SW	4	or,	53	97	6	1500	St	10	-	10	·
Falmouth (Pendennis)	1020.1	0	WSW	5	0	52	97	6	2500	St	10	-	10	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1019.5	0	WSW	4	o+	48	85	7	450	St	10	-	10	·
Southampton (Calshot)	1020.8	+1	SW'W	4	o+	51	92	8	5700	StCu	10	·	10	·
Dungeness	1020.3	+2	WSW	4	bc+	50	97	8	-	-	0	ACu	4	·
Jersey (7h)	1023.0	+3	SW	5	c+	53	92	6	2500	St	8	·	8	·
Guernsey (1h)														

Observations at 0700 G.M.T. 19th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1002.2	0	WSW	5	odd	46	97	6	2500	Nb	10	·	10	4
Stornoway	1004.4	+2	WSW	5	cpr,	48	85	6	2500	Nb	7	-	7	4
Wick	1004.6	+2	WSW	2	c	49	85	9	5700	Nb	5	CiCu	8	3
Castlebay	1007.6	0	W	4	bc	49	7s	7	1500	St	6	·	6	4
Nairn	1006.5	·	W	2	c	50	7s	8	4000	Cu	4	CiCu	7	·
Aberdeen	1008.0	-1	SW	3	o+	49	7s	7	-	-	0	ASt	9	0
Malin Head	1010.3	0	WSW	3	o⊕	48	97	7	4000	StCu	10	·	10	0
Renfrew	1010.7	0	SW	4	o+	49	7s	7	4000	StCu	9	-	9	4
Edinburgh (Inchkeith)	1010.1	+2	WSW	4	c+	47	85	7	-	StCu	5	CiCu	8	·
Eskdalemuir	1012.2	-1	SW	4	o	45	85	8	1500	StCu	10	·	10	·
Tynemouth	1012.8	+1	SW	2	c+	49	85	6	4000	StCu	8	·	8	0
Blacksod Point ...	1012.3	+3	NW	2	o-	47	92	7	-	Nb	10	·	10	1
Donaghadee	1013.0	-1	-	0	or,r	48	92	7	2500	St	10	·	10	0
Birr Castle	1010.1	·	SW	1	or,r	55	97	4	1500	Nb	10	·	10	·
Collinstown	1011.8	-5	ESE	1	or,r	50	97	5	800	Nb	10	·	10	·
Holyhead	1012.4	-3	S'W	4	odd	50	97	4	1150	Nb	10	·	10	2
Liverpool (Bidston) ...	1013.5	-2	SE	1	o/r	50	92	4	1500	St	10	·	10	·
Chester (Shotwick) ...	1013.2	-3	SSE	4	or,	51	92	7	800	Nb	10	·	·	·
Spurn Head	1016.2	+1	SW	5	c	52	85	6	4000	StCu	2	ASt	8	4
Nottingham	1016.7	·	SSW	3	or+	51	97	6	4000	Nb	10	-	10	·
Cranwell	1017.7	0	S	4	od	51	97	7	800	St	10	·	10	·
Gorleston	1019.0	+1	W'N	4	o+	52	65	7	4000	StCu	10	·	10	1
Valencia (Cahireiveen)	1015.0	+5	SW	5	o-	54	92	6	4500	St	9	-	10	9
Roches Point	1015.0	+3	W	4	or,	55	92	8	800	Nb	10	·	10	·
Pembroke (St. Ann's H.)	1016.2	+1	SW	4	ifo	51	97	2	1150	St	10	·	10	·
Ross-on-Wye	1016.3	-2	SW	3	od,	53	92	7	2500	Nb	10	·	10	·
Benson...	1018.7	-1	S	3	o/r	52	97	7	-	StCu	10	·	10	·
S. Farnborough ...	1019.9	0	SW	4	o/r	53	92	7	1500	Nb	10	ASt	10	·
London (Kew Obsy.) ...	1020.2	0	S'W	3	o/r	55	85	7	2500	St	7	·	10	·
Croydon	1020.7	+1	SSW	3	odd	53	92	7	1500	St	10	·	·	·
Clacton-on-Sea ...	1020.5	+2	WSW	4	c+	52	92	7	2500	St	8	·	8	2
Shoeburyness	1021.1	+1	SW	3	o+	54	85	6	4000	St	10	·	10	3
Grain	1020.9	+1	SSW	4	o	54	85	7	5700	StCu	7	ASt	10	·
Lympne	1022.1	+2	SW	5	o	51	97	6	450	St	10	·	·	·
Scilly (St. Mary's) ...	1020.3	+3	W	5	of	54	97	3	450	St	10	-	10	5
Falmouth (Pendennis)	1019.8	-3	SW	6	or,r	54	97	4	2500	Nb	10	·	10	1
Plymouth (Cattewater)	1019.9	+2	SW	4	odd	53	97	2	1500	Nb	10	·	10	0
Portland Bill	1019.5	0	SW	5	or,r	51	85	4	450	St	10	·	10	3
Southampton (Calshot)	1020.8	0	SSW	5	o/r	53	97	6	1500	Nb	10	-	10	5
Dungeness	1022.3	+2	SW	4	o+	52	97	7	800	St	10	·	·	·
Jersey (7h)														
Guernsey (1h)														

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 17th	Temperature. Max. Day. 18th	Rainfall.† Night 17h.-9h. 17th-18th	Rainfall.† Day 9h.-17h. 18th	Sunshine. Sunrise to 17th. 18th	Sunshine. Sunrise to Sunset. 17th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	oc	opo	48	60	-	1	1·3	2·3
Montrose	bc	bc	46	61	-	-	7·7	3·2
Llandudno	oc	cc	47	57	1·2	-	4·6	5·2
Colwyn Bay ...	bc	bc	50	59	2	-	6·3	7·4
Rhyl... ...	cbc	bcebc	50	61	2·5	-	2·3	7·2
Southport	ocpc	cbcc	49	58	3·5	0·1	6·3	9·0
Blackpool	o	c	50	57	3·6	-	5·0	5·0
Harrogate	cp	cpbc	45	56	7	1	4·8	1·3
Skegness	obbc	dbcc	47	63	-	-	7·5	0·7
Aberystwyth ...	rbc	bbc	50	54	1	-	2·5	3·7
Bath	bpbc	bbcb	50	60	2	1	5·0	1·7
Leamington Spa ...	c	c	48	64	1	-	5·2	2·7
Lowestoft	ocbc	bcc	48	63	-	-	4·2	0·0
Felixstowe	og	c	59	62	-	-	4·9	0·8
Southend	opc	cbc	48	60	-	trace	2·5	1·2

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 17th	Temperature. Max. Day. 18th	Rainfall.† Night 17h.-9h. 17th-18th	Rainfall.† Day 9h.-17h. 18th	Sunshine. Sunrise to 17th. 18th	Sunshine. Sunrise to Sunset. 17th
			°F	°F	mm.	mm.	hr.	hr.
Paignton	obc	o	52	60	trace	-	2·9	3·6
Ilfracombe	cbc	bb	52	56	-	-	7·9	4·3
Bude	c	b	51	58	0·2	-	6·8	3·5
Penzance	bcc	bco	51	60	0·3	-	5·4	2·9
Falmouth Observatory	cbc	bcc	51	59	-	-	2·2	4·3
Torquay	bc	bc	52	61	-	-	3·6	4·8
Weymouth	c	c	50	57	0·4	-	1·5	·
Bournemouth ...	cc	cc	50	60	trace	-	2·5	1·5
Portsmouth (S'thsea)	bc	bc	51	60	-	-	2·0	2·4
Worthing	obc	bc	51	58	1	-	4·0	0·4
Brighton	c	c	51	56	-	-	4·6	0·3
Eastbourne	oc	cbc	50	58	·	-	5·4	0·6
Hastings	coc	cbc	53	56	0·2	-	3·6	0·0
Folkestone	ocbc	bc	47	58	-	-	6·5	0·5
Tunbridge Wells ...	ooc	bccbc	48	62	-	1	4·0	0·5
Ramsgate	bc	bc	47	60	-	-	8·1	0·8
Margate	bbccb	bbc	48	63	-	-	7·2	0·1
Deal	oc	bc	49	61	1	-	8·6	·

* 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. B22094 SATURDAY 20th MAY 1922.

Observations at 1300 G.M.T. 19th	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1004·7	+4	WSW	4	od₀	49	85	6	2500	Nb	10	-	10	*
Stornoway	1006·9	+1	WSW	4	o+	51	75	6	450	St	10	-	10	*
Wick	1006·3	+3	WSW	3	c	54	65	8	5700	Cu	8	-	8	*
Kinloss	1010·8	+4	W	5	bc	50	85	7	1500	Strcu	6	-	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1008·8	0	WSW	3	bc	62	55	8	4000	Cu	4	-	4	*
Malin Head														*
Renfrew	1012·1	+2	WSW	5	imb	57	55	8	4000	Strcu	7	-	7	*
Edinburgh (Inchkeith)	1011·0	+1	WSW	3	bc-	51	75	7	-	Cu	6	-	6	*
Eskdalemuir	1012·8	+2	WS	4	o	51	75	8	2500	Strcu	10	-	10	*
Tynemouth	1012·0	0	W	1	o	55	85	5	4000	CuNb	10	-	10	*
Blacksod Point	1016·9	+5	WSW	2	c	54	75	9	<150	CuNb	8	-	8	*
Donaghadee	1018·6	+3	WNW	3	o/r	53	85	8	5700	Strcu	9	-	9	*
Birr Castle	1016·7	*	W	1	o-	56	55	8	4000	Nb	9	-	9	*
Collinstown	1017·2	+8	W	4	o/r	57	85	7	2500	Strcu	10	-	10	*
Holyhead	1015·8	+5	WNW	4	o/r	55	85	7	1500	St	10	-	10	*
Liverpool (Bidston)	1013·6	+2	WN	5	o	58	75	6	800	Nb	10	-	10	*
Chester (Shotwick)	1013·7	+3	SW	5	o	62	75	8	2500	Strcu	10	-	10	*
Spurn Head	1013·1	-3	WSW	5	bc	62	85	6	4000	Cu	5	-	5	*
Nottingham	1014·4	*	W	5	bc-	66	65	7	4000	Cu	4	-	4	*
Cranwell	1014·3	-1	WS	5	bc	65	75	7	2500	Cu	4	-	4	*
Gorleston	1017·1	-2	WS	4	o/p	58	85	6	4000	Nb	10	-	10	*
Valencia (Cahirciveen)	1019·4	+5	SW	4	c+	59	85	7	1500	Strcu	6	ACu	8	*
Roches Point	1019·2	+4	WSW	5	bc	61	75	8	2500	Cu	4	Ci	5	*
Pembroke (St. Ann's H.)	1020·1	+3	WSW	5	b/f	53	92	6	-	-	0	Ci St	3	*
Ross-on-Wye	1017·7	+3	WSW	6	b-	61	65	7	4000	Cu	2	-	2	*
Benson	1018·7	-1	WSW	6	c-	65	65	8	-	Cu	4	-	7	*
S. Farnborough	1018·9	0	SW	5	c	68	65	8	2500	Strcu	8	-	8	*
London (Kew Obsy.)	1018·7	-1	SW	4	bc/r	64	75	8	5700	Cu	6	-	6	*
Croydon	1019·4	-1	SWW	4	c-	63	75	8	1500	Cu	8	-	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1019·2	-2	SW	3	o	59	85	7	2500	Strcu	10	-	10	*
Grain	1019·3	-2	SW	6	o/r	59	85	8	1500	Strcu	10	-	10	*
Lympne	1021·3	-1	SW	6	odd	~~59~~ 54	97	1	<150	Nb	10	-	10	*
Scilly (St. Mary's)	1023·7	+4	W	4	b	59	85	8	-	-	0	-	0	*
Falmouth (Pendennis)	1023·9	+4	WSW	5	c-	59	95	7	4000	Cu	7	-	7	*
Plymouth (Cattewater)	1022·6	+2	WSW	4	c	56	85	7	2500	Cu	8	-	8	*
Portland Bill	1020·5	+7	SW	6	mo-	53	85	5	450	St	10	-	10	*
Southampton (Calshot)	1021·2	+1	SW	6	o/r	55	97	6	800	St	10	-	10	*
Dungeness	1021·0	-1	SW	5	o/r	53	97	5	800	St	10	-	10	*
Guernsey	1025·6	+1	SWW	5	mo-	57	92	5	225	St	10	-	10	*

Observations at 1800 G.M.T. 19th	Barom. at M.S.L. m.b	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006·4	+3	W	3	op₀	47	97	7	4000	Nb	4	ACu	6	2
Stornoway	1010·0	+4	WNW	3	c/r	51	92	6	4000	Nb	8	-	8	2
Wick	1009·0	+4	WNW	4	o/p	51	75	8	2500	Nb	10	-	10	3
Kinloss	1013·9	+4	WNW	5	o/r	50	92	6	1500	St	9	-	9	4
Nairn	1011·1	*	W	4	bc-	54	65	8	4000	Cu	4	-	4	*
Aberdeen	1011·5	+5	WNW	4	bc	55	55	8	4000	Strcu	4	-	4	0
Malin Head														
Renfrew	1015·7	+4	W	4	bc-	53	60 ~~97~~	9	2500	Cu	4	-	4	*
Edinburgh (Inchkeith)	1012·6	+4	WSW	4	bc-	51	65	8	-	Cu	5	-	5	4
Eskdalemuir	1016·2	+4	WNW	4	bc	52	55	8	4000	Strcu	6	-	6	*
Tynemouth	1014·9	+3	W	3	bc/r	57	65	6	4000	Cu	6	-	6	0
Blacksod Point	1019·1	+2	WSW	3	bc-	54	75	9	<150	CuNb	6	-	6	0
Donaghadee	1018·0	+4	E	2	bc-	50	97	8	5700	Cu	5	-	5	0
Birr Castle	1019·2	*	W	2	c-	58	85	7	4000	Cu	8	-	8	*
Collinstown	1019·9	+3	W	3	c	58	85	8	2500	Strcu	8	-	8	*
Holyhead	1019·8	+4	SW	3	o	53	85	9	4000	Strcu	10	-	10	0
Liverpool (Bidston)	1018·6	+4	W	1	o	51	85	8	2500	Strcu	9	-	9	2
Chester (Shotwick)	1018·8	+7	WNW	3	o	55	85	8	2500	Strcu	10	-	10	*
Spurn Head	1016·4	+3	W	6	b	58	85	6	-	-	0	-	0	4
Nottingham	1019·0	*	WNW	4	c+	59	75	6	2500	Nb	2	ACu	7	*
Cranwell	1018·6	+6	W	5	b/r	61	85	7	4000	Cu	3	-	3	*
Gorleston	1017·0	0	WNW	5	bc-	67	55	6	5700	CuNb	4	-	4	4
Valencia (Cahirciveen)	1021·4	+2	SSW	3	o+	55	92	6	450	St	10	-	10	3
Roches Point	1022·3	+2	SW	4	o+	56	92	6	800	St	9	-	9	3
Pembroke (St. Ann's H.)	1022·8	+4	WSW	5	bc+	52	92	6	-	-	0	ACu	4	*
Ross-on-Wye	1021·2	+4	WSW	5	b-	60	65	7	4000	Cu	1	-	1	*
Benson	1021·8	+3	W	4	b-	62	75	7	-	-	0	-	0	*
S. Farnborough	1021·2	+4	W	5	bc	66	65	8	4000	Cu	4	-	4	*
London (Kew Obsy.)	1021·6	+4	WNW	4	b-	66	55	8	5700	Cu	1	-	1	*
Croydon	1021·2	+3	W	4	b+	65	55	8	2500	Cu	3	-	3	*
Clacton-on-Sea	1019·4	+3	W	6	b-	66	55	7	4000	Cu	3	-	3	4
Shoeburyness	1020·6	+3	WNW	1	b-	65	65	7	-	-	0	-	0	*
Grain	1020·7	+3	W	5	b-	66	55	8	4000	Cu	1	-	1	3
Lympne	1022·1	+1	SW	4	b-	56	92	7	450	St	3	-	3	*
Scilly (St. Mary's)	1026·7	+3	WS	3	o+	55	92	6	1500	St	10	-	10	2
Falmouth (Pendennis)	1025·5	+1	WSW	5	bc	57	92	7	2500	Cu	5	-	5	0
Plymouth (Cattewater)	1024·9	+2	WNW	3	bc	57	92	7	1500	Cu	6	-	6	3
Portland Bill	1020·9	+1	SW	6	b-	53	85	6	-	-	0	-	0	4
Southampton (Calshot)	1023·5	+3	SW	5	b-	57	85	8	2500	Cu	1	-	1	3
Dungeness	1022·2	+2	SW	6	o/r	53	97	7	800	St	10	-	10	5
Guernsey	1026·8	0	WSW	3	mmb	56	97	5	-	-	0	-	0	4

London Observations.	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. 20th								Yesterday.	To-day.	
Kew											
Croydon [24 hours ended 0700]	o·bc	bc y b-y	b·bw	*	*	43	0·3	-	7·1	*	*
Greenwich (Royal Obsy.)	oo	c·bc by	by·b·o·b	*	*	46	Tr	-	6·5	*	*
City (Bunhill Row)	o	bc	b	72	50	40	-	-	6·8	51	65
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	7·1	*	*
Regent's Pk. (Botanic Gdns.)	*	*	*	71	51	44	-	-	7·1	52	69
Camden Square	*	*	*	*	*	*	*	*	6·7	*	*
Kensington Palace	o·op	bc	*	70	51	46	-	-	*	*	64
Hampstead Observatory	b·bc	bc	*	70	52	44	-	-	*	55	70
	*	*	*	67	50	50	Tr	-	6·7	*	71

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·3	1800 (18th) 2100 (18th)	<0·3	2400 (18th) 0500 (19th)

Kew Observatory Max.	Time.	Min.	Time.
0·3	1900 (18th)	<0·3	2400
0·3	0700 (19th)		(18th)

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... Joules

Average Rate ..... Milliwatts

Maximum Rate ..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 19th 21 h. 00 m. to 20th 03 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6·0	6·0	100
δ Ursae Minoris	6·0	6·0	100

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per sec.	Stren.	Direc.
15h.	-	-	-	-
16h.	-	-	-	-
01h.	-	-	-	-
07h.	-	-	-	-

Tables showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 20th & 21st May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·51	11·49	7·46
	3·50	11·49	7·48
Greenwich	4·4	11·56	7·48
	4·2	11·56	7·50
Wick	3·38	12·8	8·39
	3·36	12·8	8·41
Valencia	4·43	12·37	8·30
	4·41	12·37	8·32

Beaufort Notation of Weather.

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

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

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

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

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

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

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 ..

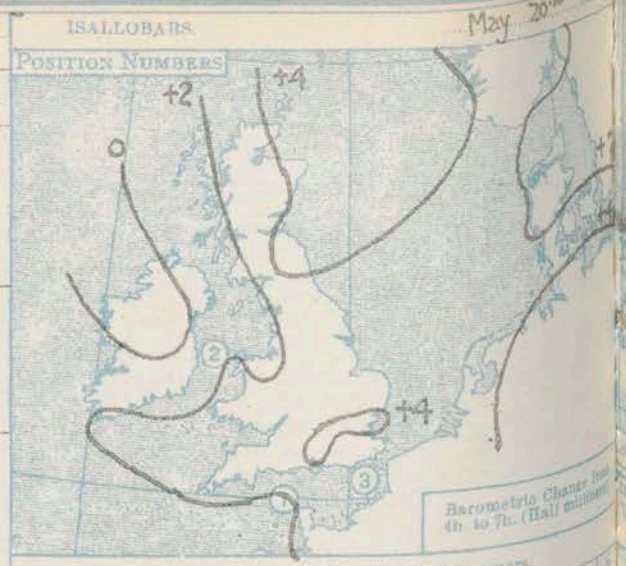
M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.–13h. 19th	Weather. 13h.–18h. 19th	Weather. 18h. 19th to 1h. 20th	Weather. 1h.–7h. 20th	Temperature. Max. Day. 7h.–18h.	Temperature. Min. Night. 18h.–7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.–18h. mm.	Rainfall.† Night. 18h.–7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun Hours.
Lerwick	rad	c	oo	b or bc	50	43	•	11·00	0·2		<2100	•
Stornoway	c	r	r	b	53	39	•	3	0·2	–	–	4·9
Wick	c	c	op₀	o.cp₀	57	44	•	–	0·4	–	<2100	•
Castlebay	c	cop₀o	o	o	50	47	•	Trace	–	–	–	5·6
Nairn	c	bcq	cp.bc	c.bc	58	46	•	–	1	–	2200	9·5
Aberdeen	obcc	bcp₀r₀	bc.b	bc.b	62	47	36	Trace	–	14·30	–	7·3
Malin Head[b]							•					
Renfrew	oeq	cp₀bc	bc.cm	oo	57	41	31	Trace	–	–	–	7·0
Edinburgh (Inchkeith)	c	c	b or bc	p	54	43	40	–	–	–	–	8·0
Eskdalemuir	op₀o	o.c.bc	b	b.bc.c	56	34	27	Trace	–	0900	–	5·4
Tynemouth	omp₀	cm₀p₀	bc.bm	cm	58	43	35	1	–	0900	–	•
Blacksod Point ...	c	c	r or d	r or d	58	50	•	0·2	3	–	–	•
Donaghadee	bcp	bc	o	omd	58	49	•	–	0·5	–	0330	•
Birr Castle	or₀co	c.o	c.opr	c.ojpr	?	54	51	0·5	1	<0800	<2100	1·6
Collinstown	p	c	c	oo	61	51	•	1	–	<0800	–	1·8
Holyhead	omdr₀	r₀oc	o.o.oir	o.offo	58	49	49	0·1	0·2	<0800	2400	2·2
Liverpool (Bidston) ...	p₀oc	oo	r or d		61	50	40	0·2	0·3	11·00	<2100	1·0
Chester (Shotwick) ...	oq	or₀q	o.bc	c.oom	63	49	36	Trace	–	<0800	–	•
Spurn Head	p	p	b or bc	c	62	50	•	0·4	–	<0800	–	5·5
Nottingham	rgp	p₀	c.o	oo	66	51	45	0·5	–	–	–	3·8
Cranwell	odcpr	cop₀cbc	c.bm	bc.co	68	49	43	0·3	–	<0800	–	6·1
Gorleston	oro	o.c.bq	c.bc.bw	bc.c	69	50	45	0·6	–	0900	–	4·0
Valencia (Cahirciveen)	ombcc	com	or₀m	od₀m	60	53	53	–	1	–	<2100	1·5
Roches Point	r₀obc	co	od₀	Fd₀	62	52	•	0·2	0·6	<0800	2200	•
Pembroke (St. Ann's H.)	offc	bm	oif	off	53	50	•	0·3	0·4	<0800	2400	8·2
Ross-on-Wye	obccqpq	bcqb	bq.bcc	c.bc.co	63	51	46	–	–	–	–	8·7
Benson...	o.c	bcb	bc	o	66	52	46	–	–	–	–	•
S. Farnborough ...	borbc	c.bco	b.bc.cob	b.bc	70	51	41	Trace	–	<0800	–	7·4
London (Kew Obsy.)	p.obc	bcy.by	b	b.bw	68	52	43	0·3	–	<0800	–	7·1
Croydon	oo	c.bcbq	by	b.o.b	69	51	46	Trace	–	<0800	–	6·5
Clacton-on-Sea ...	cpo	oc.bcy	bcyb	b.bcz	68	50	46	0·1	–	<0800	–	5·8
Shoeburyness	o	c.bc.b	b	bm	68	49	45	–	–	–	–	5·3
Grain	p₀rid	o.cbcb	b	bcom	67	49	39	Trace	–	0900	–	5·7
Lympne	opRRbc	odfcbc	for m	b.bcqcmf	57	48	44	0·3	0·1	1100	–	3·1
Scilly (St. Mary's) ...	c	bcc	ffe	ffe	59	51	•	–	–	–	–	7·8
Falmouth (Pendennis)	orcm	cow	om	omf	60	51	•	0·2	trace	<0800	<2100	7·8
Plymouth (Cattewater)	c	c	b	fe	60	51	51	0·2	0·2	–	–	8·5
Portland Bill ...	mo	obcb	bcf	for m	54	48	•	0·2	–	–	–	•
Southampton (Calshot)	dam	omcb	b or bc	b.bcodq	60	49	48	1	trace	<0800	0630	5·8
Dungeness ...	Rm	pmdm	m	FF	54	50	•	0·4	–	<0800	–	•
Guernsey ...	oo	oo	form	F	55	51	•	–	–	–	–	4·4

Isallobars.

May 20th



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	19th 1000	Hibernia	SW	4-5	c	49	49
3	20th 0300	–	W	4	ffo	50	51

General Inference.

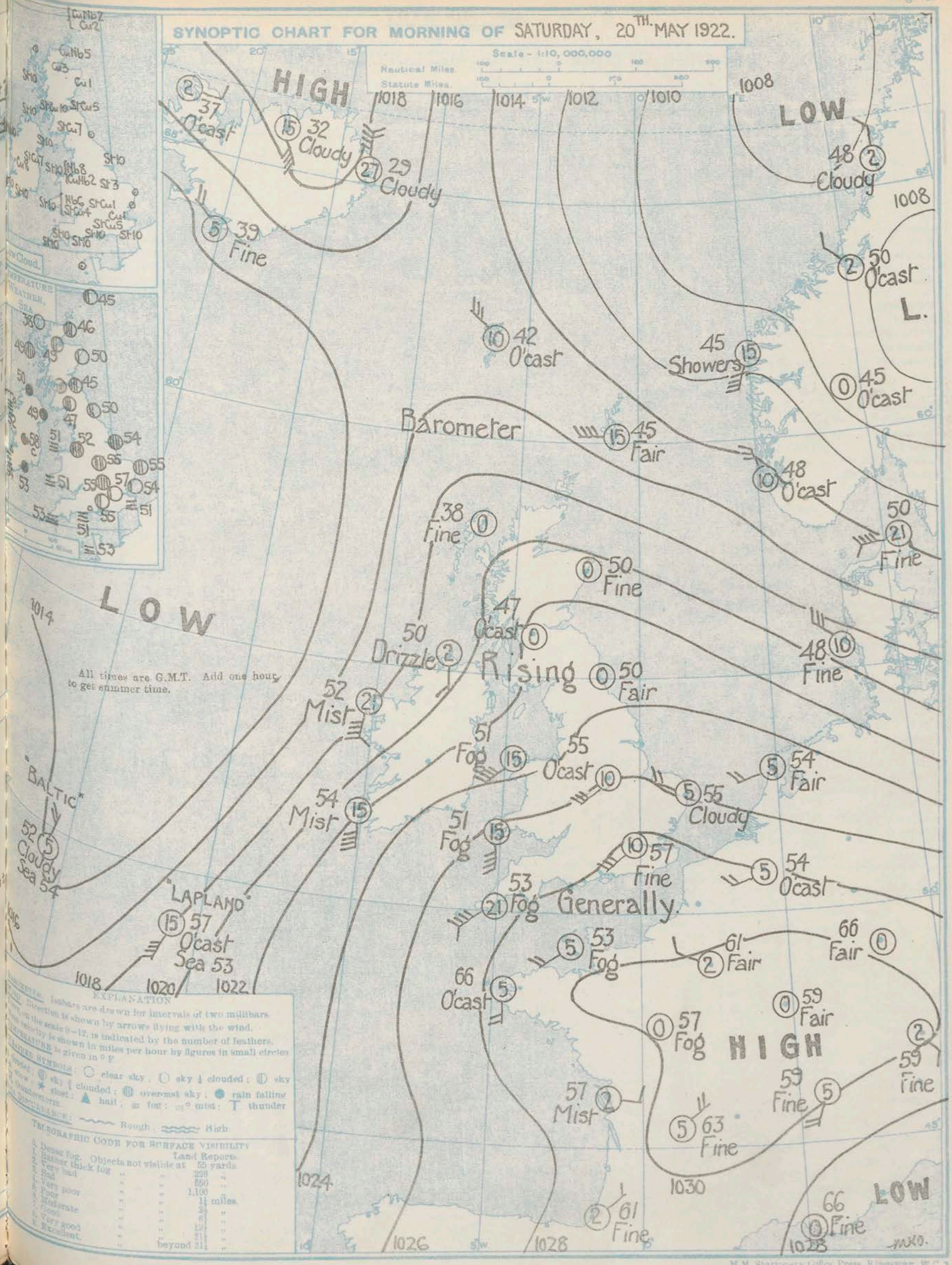
A V-shaped depression off the west of Ireland will cause low cloud and rain in the west and north but fair warm conditions are probable over England under the influence of an anticyclone spreading northwards from France.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 20th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind S. to S.W, light or moderate; fair, some coast mist; warm.	Mainly fair and warm in the southeast, unsettled in west and north.
7. North Wales 8. N.W. England	Wind southerly, light or moderate; mainly cloudy, rain or drizzle at times; some coast fog; rather warm.	
9. N. Midlands 10. N.E. England	Same as 1 to 6.	
11. E. Scotland	Same as 14 to 16.	
12. S.W. Scotland 13. Isle of Man	Same as 7 and 8.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind W. light or moderate, backing; fair to cloudy or dull, occasional rain later; some mist or fog; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, moderate, veering later; mainly cloudy, rain or drizzle at times, some coast fog; rather warm then colder.	

MK

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15 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. SATURDAY 20TH MAY 1922. No. 140

Observations at 0100 G.M.T. 20th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010·6	+3	W	4	o	44	85	7	4000	Cu	4	aSt	10	*
Stornoway	1018·6	+5	-	o	co	*	*	5	*	*	*	*	*	*
Wick	1015·1	+5	NW	1	o	46	92	8	2500	CuNb	7	aCu	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1018·9	+4	WSW	4	b-	47	85	8	-	St	1	-	1	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1021·1	+4	W	1	b	45	85	6	-	-	o	-	o	*
Blacksod Point	1018·7	o	WSW	4	opb	53	92	3	-	Nb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1023·9	+3	-	o	o	53	97	7	1500	St	10	-	10	*
Holyhead	1022·0	+2	SW'W	3	odk	*	*	7	800 450	St	10	-	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1022·5	+3	W	3	c	51	92	6	-	-	o	aSt	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1023·6	+3	SW'W	3	b	50	97	6	4000	StCu	1	-	1	*
Gorleston	1023·7	+3	WNW	2	b-	53	92	7	-	-	o	aCu	2	*
Valencia (Cahirciveen)	1021·4	+1	NW	5	Fot	52	97	2	-	St	10	-	10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1025·4	+1	WSW	4	iFo	50	97	1	<150	St	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	53	*	*	*	*	*	*	*	*
Croydon	1026·4	+2	W'S	2	b	52	85	7	-	-	o	aCu	3	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1025·6	+2	SW	4	Fb-	49	97	1	-	-	o	-	o	*
Scilly (St. Mary's)	1027·0	o	SW	2	ffo	54	97	1	225	St-	10	-	10	*
Falmouth (Pendennis)	1027·3	+2	-	o	o+	51	97	4	2500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1026·5	+3	W'S	5	Fo+	50	75	2	450	St	10	-	10	*
Southampton (Calshot)	1027·0	+3	SW	2	b	50	97	7	-	-	o	-	o	*
Dungeness	1026·4	+2	WSW	4	b/f	52	97	6	-	-	o	-	o	*
Guernsey	1029·2	+3	WSW	2	ffo	51	97	4	<150	St	10	-	10	*

Observations at 0700 G.M.T. 20th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·8	+5	W	4	bc	45	85	7	4000	CuNb	6	-	6	3
Stornoway	1019·0	+2	-	o	b-	48	85	7	-	-	o	-	o	o
Wick	1019·1	+4	WNW	2	c/r	46	92	8	2500	CuNb	5	aCu	7	2
Castlebay	1019·3	+1	SE	2	o	49	85	6	1500	St	10	-	10	*
Nairn	1020·3	*	-	o	bc	49	85	8	4000	Cu	3	Ci	5	*
Aberdeen	1020·9	+4	-	o	b	50	85	8	4000	Cu	1	Ci	2	*
Malin Head														
Renfrew	1022·2	+2	-	o	o	47	92	7	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1022·5	+5	WSW	3	c+	45	85	7	-	StCu	5	Ci	8	3
Eskdalemuir	1023·6	+2	SSW	2	c	47	75	8	2500	StCu	7	Ci St	8	*
Tynemouth	1023·2	+3	-	o	bc	50	85	6	-	-	o	aSt	4	0
Blacksod Point	1017·6	o	S'W	5	mmo	53	97	5	-	Nb	10	-	10	6
Donaghadee	1021·5	+1	SE	1	obb	49	92	8	2500	St	10	-	10	0
Birr Castle	1021·5	*	S	1	cjp	58	97	6	1500	Cu	8	-	8	*
Collinstown	1023·0	o	SW'W	3	o	57	92	7	1500	StCu	7	aSt	10	*
Holyhead	1023·5	+2	SW	4	ffo	51	97	2	<150	St	10	-	10	2
Liverpool (Bidston)	1023·7	+1	S	1	o	52	97	4	800	Nb	10	-	10	1
Chester (Shotwick)	1023·4	+2	SE	1	o	55	85	6	1500	StCu	10			*
Spurn Head	1025·2	+3	SW	3	o	54	92	6	2500	St	10	-	10	2
Nottingham	1025·9	*	SW	3	o	55	85	6	-	-	o	aSt	10	*
Cranwell	1025·6	+3	SW	4	o	54	92	6	4000	St	3	aSt	10	*
Gorleston	1025·2	+1	WNW	2	c+	55	85	6	-	-	o	aCu	7	0
Valencia (Cahirciveen)	1022·2	+2	S	4	mmo	54	97	6	225	St	10	-	10	3
Roches Point	1024·2	+2	W	1	odod	53	97	2	<150	St	10	-	10	1
Pembroke (St. Ann's H.)	1026·3	+2	S	4	iFo	51	97	1	<150	St	10	-	10	4
Ross-on-Wye	1026·5	+2	SW	2	o+	55	85	7	2500	Nb	10	-	10	*
Benson	1027·9	+2	WSW	2	o	55	85	7	-	StCu	fo	-	5	*
S. Farnborough	1028·0	+3	WSW	3	bc	55	85	7	2500	StCu	5	Ci	2	*
London (Kew Obsy.)	1028·2	+2	SW'W	3	b	57	75	7	1500	Cu	1	Ci	2	*
Croydon	1027·8	+2	WSW	3	b-	55	85	8	2500	Cu	1			
Clacton-on-Sea	1027·0	+3	W	3	b	54	85	6	-	-	o	Ci	3	0
Shoeburyness	1027·8	+4	W'S	1	mb-	56	75	6	-	-	o	Ci St	1	*
Grain	1027·7	+4	WSW	3	b	57	85	6	2500	St	1	Ci	2	0
Lympne	1028·3	+2	WSW	3	o	51	97	6	225	St	10	-	10	*
Scilly (St. Mary's)	1026·8	o	SSW	2	ffo	53	97	1	225	St-	10	-	10	2
Falmouth (Pendennis)	1027·7	+2	SW	5	ffo	53	97	2	1500	St	10	-	10	1
Plymouth (Cattewater)	1029·4	+3	-	o	ffo	53	97	3	<150	St	10	-	10	0
Portland Bill	1027·8	+2	W'S	4	mo-	51	75	4	450	St	10	-	10	3
Southampton (Calshot)	1029·1	+4	WSW	3	odot	51	97	5	800	St	10	-	10	0
Dungeness	1028·2	+3	SW	3	ffo	51	97	3	450	St	10	-	10	2
Guernsey	1029·5	+3	SW	2	ffo	53	97	2	-	St	10			3

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

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 18th	Temperature. Max. Day. 19th	Rainfall.† Night 17h.-9h. 18th - 19th	Rainfall.† Day 9h.-17h. 19th	Sunshine. Sunrise to 17h. 19th	Sunshine. Sunrise to Sunset. 19th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	o.c	p.bc	44	58	-	0·3	7·0	1·3
Montrose	o.c	bc	45	61	-	-	4·6	9·5
Llandudno	c.bc	o.c	46	60	-	-	3·8	4·9
Colwyn Bay	bc	bc.c	50	64	-	-	3·5	7·0
Rhyl	c.bc	bc.cbc	50	65	1	-	5·4	2·9
Southport	o.c.o	op c o	49	57	0·4	0·4	0·7	7·1
Blackpool	o cp	o	49	54	1	3	0·7	4·7
Harrogate	orp	op.cbc	46	58	1	2	1·9	6·1
Skegness	o.bc	bc.bqr	49	69	-	0·4	4·4	7·5
Aberystwyth	r.o.c	b.bc	50	55	1	-	5·0	3·0
Bath	o.c.bc	o.cbc.b	51	64	1	-	4·6	6·0
Leamington Spa								
Lowestoft	op	oc bc	49	68	0·2	1	3·8	4·5
Felixstowe	omd	b	49	68	-	-	3·4	5·2
Southend	o	c. bc	48	67	Trace	-	4·0	3·7
Paignton	aqp	bc	52	65	2	-	3·6	7·3
Ilfracombe							5·4	7·4
Bude	m.o.bc	b	52	59	0·2	-	5·5	3·6
Penzance	bc	bc	53	64	5	-	4·9	2·2
Falmouth Observatory	o.bc	bc.c	52	61	4	-	7·9	3·6
Torquay	bc	bc	53	65	1	-	5·4	1·5
Weymouth	omc	bc b	50	61	1	-		
Bournemouth	o	b	51	69	1	-	4·0	3·0
Portsmouth (S'thsea)	bc	b	51	63	1	-	3·5	3·3
Worthing	do	o	51	55	1	-	0·6	5·8
Brighton	d	o	51	54	1	0·2	0·0	5·7
Eastbourne	ro	o	50	55	1	1	0·0	6·6
Hastings	omd	omdo	50	54	0·3	1	0·0	4·5
Folkestone	d	o	47	57	0·2	0·1	0·4	8·5
Tunbridge Wells	odo	o.c.bc.b	48	63	-	Trace	1·4	4·0
Ramsgate	o	o	46	59	-	-	2·6	9·5
Margate	o	bc.b	48	64	-		3·1	8·8
Deal	odc	bc.b	48	61	-	Trace	2·4	10·0

* 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.22095 Sunday, 21st May, 1922.

Observations at 1300 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018.4	+4	W	4	bc	49	75	7	4000	Cu	1	ACu	4	•
Stornoway	1018.3	-1	S	2	o+	51	85	7	800	St	10	-	10	•
Wick	1020.0	+1	S	2	o/r	51	85	8	5700	StCu	9	-	9	•
Castlebay	1017.4	-1	SE	5	orr	49	97	3	450	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1021.4	-1	SSE	3	b	58	65	8	-	-	0	CiCu	2	•
Malin Head														•
Renfrew	1021.2	-2	~~SSW~~ E	1	or+	53	97	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	1021.5	-1	S	1	mo	53	75	6	-	Nb	10	-	10	•
Eskdalemuir	1022.8	-1	S'W	2	odd	51	97	5	450	Nb	10	-	10	•
Tynemouth	1022.9	0	S	2	o	59	85	6	-	-	0	ASt	10	•
Blacksod Point	1017.6	-1	SSW	6	imo	49	92	7	-	Nb	10	-	10	•
Donaghadee	1020.6	0	SSE	2	bc/r	57	85	6	2500	St	6	-	6	•
Rhyl Castle	1021.2	•	SSW	2	c	60	85	7	4000	Cu	6	ACu	8	•
Collinstown	1022.3	-2	SW'W	4	c-	69	75	8	4000	Cu	4	CiSt	7	•
Holyhead	1024.1	0	SSW	5	mo-	53	92	6	225	St	10	-	10	•
Liverpool (Bidston)	1023.7	+1	SW	4	bc-	65	65	8	4000	St	3	Ci	5	•
Chester (Shotwick)	1023.3	0	SW	5	o	67	65	9	4000	StCu	4	Ci	9	•
Spurn Head	1024.7	-1	E	2	c	58	85	6	4000	StCu	7	-	7	•
Nottingham	1025.1	•	WSW	4	c	67	65	7	2500	Cu	6	Ci	7	•
Cranwell	1025.3	-1	SW	4	c	68	75	6	4000	Cu	7	-	7	•
Coleston	1026.1	+1	SSW	5	c	60	75	6	5700	StCu	7	-	7	•
Valencia (Cahirciveen)	1021.3	-1	S'E	4	mo+	54	97	6	4150	St	10	-	10	•
Roches Point	1023.9	-1	SW	2	Fo+	53	97	2	4150	St	10	-	10	•
Pembroke (St. Ann's H.)	1027.2	0	SSW	3	iFo	52	97	1	4150	St	10	-	10	•
Ross-on-Wye	1026.4	0	SW	3	o	60	85	8	2500	StCu	8	ACu	9	•
Benson	1027.0	-1	SW	3	b+	68	75	7	-	Cu	3	•	3	•
S. Farnborough	1027.6	0	SW	2	b	69	55	6	•	•	0	Ci	1	•
London (Kew Obsy.)	1027.4	-2	SW	2	b	68	65	7	-	-	0	Ci	1	•
Croydon	1027.1	-2	WSW	2	bc	71	55	8	4000	Cu	1	Ci	4	•
Oxford	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Oxton-on-Sea	1027.2	0	W	1	mb-	70	55	6	-	•	0	Ci	1	•
Shoeburyness	1027.0	-1	SW	2	bc+	71	55	8	4000	Cu	1	CiSt	5	•
Grain	1028.3	-1	SSW	4	bc	61	85	8	1500	St	4	CiSt	5	•
Lympne	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Scilly (St. Mary's)	1026.5	-1	S'E	3	ffo	56	94	2	800	St	10	-	10	•
Falmouth (Pendennis)	1027.8	0	S	3	Ffo	54	97	1	1500	St	10	-	10	•
Plymouth (Cattewater)	1028.0	-1	SE	2	o-	55	97	8	1500	St	10	-	10	•
Portland Bill	1028.6	+2	W'S	2	Fo+	53	85	2	450	St	10	-	10	•
Southampton (Calshot)	1028.8	-1	SSW	3	D+	57	85	7	800	St	10	-	10	•
Dungeness	1028.4	0	SW	3	imo	54	85	4	450	St	10	-	10	•
Guernsey	1028.9	-3	SSE	2	mo-	58	92	4	4150	St	10	-	10	•

Observations at 1800 G.M.T. 20th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1019.5	+1	W	1	b	50	65	7	4000	Cu	2	CiCu	3	0
Stornoway	1014.7	-3	SE	2	orr	48	92	7	450	St	10	-	10	1
Wick	1017.4	-4	ESE	5	o	48	85	8	5700	StCu	10	-	10	3
Castlebay	1015.3	-1	SW	5	oro	52	97	4	450	Nb	10	-	10	5
Nairn	1016.6	•	-	0	c/r	56	85	8	1500	St	8	-	8	•
Aberdeen	1020.3	0	S'E	3	opro	49	85	7	2500	Nb	10	-	10	0
Malin Head														
Renfrew	1019.3	-2	-	0	od	57	92	5	2500	Nb	10	-	10	•
Edinburgh (Inchkeith)	1020.0	-2	NNE	1	mbc	48	97	4	-	StCu	6	-	6	1
Eskdalemuir	1022.1	-1	SSW	4	FFo	50	97	1	4150	St	10	-	10	•
Tynemouth	1021.8	-1	WSW	3	bc/r	64	75	6	-	-	0	CiCu	4	0
Blacksod Point	1014.9	-2	S'W	6	mo+	54	92	7	-	Nb	10	-	10	8
Donaghadee	1019.2	-1	-	0	c-	56	85	7	5700	StCu	2	ACu	7	0
Rhyl Castle	1019.5	•	S	2	o+	60	92	8	4000	StCu	9	•	9	•
Collinstown	1021.6	-1	SW	3	o	61	85	8	4000	StCu	7	ASt	10	•
Holyhead	1023.2	-2	SSW	5	oro	53	92	8	225	St	9	ACu	10	3
Liverpool (Bidston)	1023.0	-1	SW	3	o+	62	75	8	1500	CuNb	10	•	10	3
Chester (Shotwick)	1023.8	0	SW'W	4	o	64	65	9	4000	StCu	7	ASt	10	•
Spurn Head	1024.1	0	SW	3	c	66	97	7	-	-	0	ACu	7	2
Nottingham	1024.3	•	SW	3	c	67	75	7	-	-	0	Ci	7	•
Cranwell	1024.0	-2	SW	3	o	65	85	6	4000	St	2	CiSt	9	•
Coleston	1025.3	-1	SSW	5	c+	55	85	6	4000	CuNb	2	CiSt	8	1
Valencia (Cahirciveen)	1020.2	-1	S'E	5	orr	54	97	6	225	St	10	-	10	3
Roches Point	1022.0	-2	SSW	3	ffo	53	97	3	4150	St	10	-	10	3
Pembroke (St. Ann's H.)	1025.2	-3	SSE	3	iFo	52	97	1	4150	St	10	-	10	4
Ross-on-Wye	1024.5	-1	SW	1	o	64	75	7	4000	CuNb	5	ACu	10	•
Benson	1025.2	-1	SW	3	b	69	75	8	-	Cu	1	CiCu	3	•
S. Farnborough	1025.5	-1	SW'S	3	b+	71	55	8	-	-	0	CiCu	1	•
London (Kew Obsy.)	1025.5	-1	SW	2	b	75	55	8	-	-	0	CiSt	1	•
Croydon	1025.7	-1	SW'S	3	b	68	65	8	4000	Cu	1	CiSt	2	•
Oxford	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Oxton-on-Sea	1026.6	-1	SSE	3	c	59	85	6	-	-	0	ACu	7	1
Shoeburyness	1025.3	-2	W	1	b+	66	75	6	-	-	0	Ci	2	•
Grain	1025.8	-1	SSW	2	b-	69	65	8	-	-	0	CiSt	2	0
Lympne	1027.7	-1	S	4	o	52	97	4	4150	St	9	-	9	•
Scilly (St. Mary's)	1024.3	-2	SE'S	3	ffo	54	94	2	450	St	10	-	10	3
Falmouth (Pendennis)	1027.5	-2	SE	3	Fo+	54	97	1	1500	St	10	-	10	0
Plymouth (Cattewater)	1025.8	-4	-	0	o-	56	92	8	225	St	10	-	10	0
Portland Bill	1027.5	-2	W'S	1	fo+	52	85	2	450	St	10	-	10	2
Southampton (Calshot)	1027.2	-1	SW	3	mo	53	97	6	800	St	10	-	10	0
Dungeness	1027.5	-1	SW	3	mmo	50	97	4	800	St	10	-	10	2
Guernsey	1026.2	-5	ESE	2	mc-	61	45	6	450	St	5	ACu	8	2

LONDON OBSERVATIONS.

	Weather. Morning.	Weather. Afternoon.	Weather. Nights.	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. 21st								YESTERDAY.		TO-DAY.
Kew	bcb	b'by	bb	•	•	44	-	-	13.4	•	•
Croydon } 24 hours ended 0700	b'bey	beby	cbc	•	•	46	-	-	13.1	•	•
Greenwich (Royal Obsy.)	bbc	b	bbcbv	77	51	40	-	-	14.1	52	59
City (Bushill Row)	•	•	•	•	•	•	•	•		•	•
Westminster (St. James' Pk.)	•	•	•				•	•			
Regent's Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	13.0	•	•
Camden Square	b	b	•	77	55	49	-	-	•	•	64
Kensington Palace	b	bc	•	75	53	47	-	-	•	54(18h)	61
Hampstead Observatory	•	•	•						13.6	•	

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

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

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

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th ..... h. ..... m. to 21st ..... h. ..... m.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time	Type.	No. per sec.	Strength.	Direc.
13h.	•	•	•	•
15h.	•	•	•	•
17h.	•	•	•	•

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

21st + 22nd May, 1922.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.50	11.49	7.48
	3.49	11.49	7.49
Greenwich	4.2	11.56	7.56
	4.1	11.56	7.51
Wick	3.36	12.8	8.41
	3.34	12.8	8.43
Valencia	4.41	12.37	8.32
	4.40	12.37	8.34

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
x 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(c) = "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.
ro₁o₂ = continuous light rain.

SEA DISTURBANCE.

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

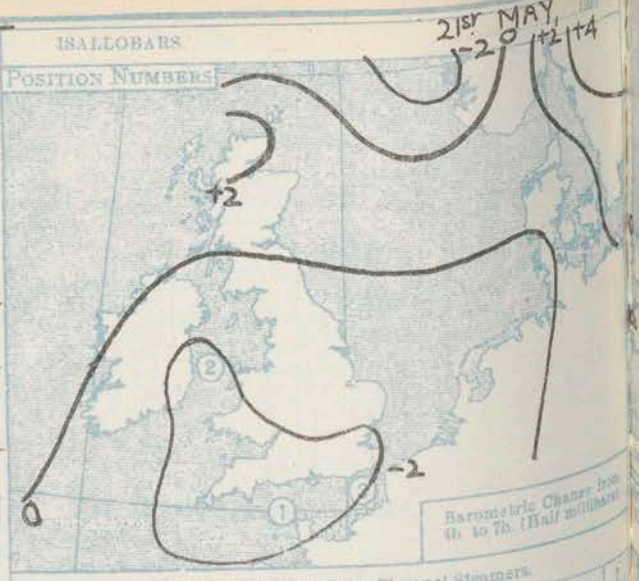
The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

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

† For 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. 20°	13h.-18h. 20°	18h. 20° to 1h. 21°	1h.-7h. 21°	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	bobc	bobc	c	rad	50	44	•	–	12	–	2200	•
Stornoway	bc	rad	rad	c	52	47	•	1	10	–	–	6.4
Wick	coir	oo	op	c	52	46	•	Trace	Trace	11.00	2400	•
Castlebay	orr	rrr	rop	rorc	52	48	•	4	2	0900		0.1
Nairn	beir	c	cg	ciRr	58	54	•	1	1	1430	–	4.0
Aberdeen	bobcb	bopr	opr	opr	58	49	47	Trace	Trace	1430	<2100	5.9
Malin Head	or	oDod	om	ompr	57	53	52	3	6	0900	<2100	0.2
Renfrew	oo	rr	c	bobc	54	47	49	1	2	1430	3.30	2.0
Edinburgh (Inchkeith)	ood	ofofd	ofodf	orr	58	48	48	0.4	11	1230	2200	1.2
Eskdalemuir	oom	orm	cmp	pm	65	56	51	0.3	Trace	13.30	<2100	•
Blacksod Point	rad	rad	c	c	54	41	•	Trace	8	–	–	•
Donaghadee	cmd	cm	omr	omr	63	53	•	2	9	<0800	2200	•
Birr Castle	co	cor	oiR	ciR	65	51	52	0.1	14	1630,	2400	1.5
Collinstown	c	opr	p	orrm	70	?	?	Trace	2	1530	<2100	6.6
Holyhead	ffoom	mo	ororm	ofdd	54	51	51	Trace	1	1630	<2100	0.1
Liverpool (Bidston)	pobc	bc	ocb		67	52	54	–	–	–	–	4.8
Chester (Shotwick)	oq	oq	opre	beco	68	56	53	–	Trace	–	<2100	•
Spurn Head	c	c	bobc	bobc	69	52	•	Trace	Trace	<0800	<2100	3.8
Nottingham	c	c	co	oo	68	54	47	–	–	–	–	4.7
Cranwell	omcm	c	cbm	bbcmw	70	49	41	–	–	–	–	7.9
Gorleston	ebecz	beca	bobc	bewc	66	52	46	–	–	–	–	3.4
Valencia (Cahirciveen)	qidm	odrm	or	opdm	56	53	53	1	17	<0800	<2100	0.0
Roches Point	bff	odffe	offd	drff	53	51	•	0.3	3	1430	<2100	•
Pembroke (St. Ann's H.)	off	off	off	oFfe	52	50	•	0.2	0.1	<0800	–	0.0
Ross-on-Wye	oco	ocbco	poco	go	67	55	51	–	–	–	–	2.0
Benson	bc	b	bc	Bc	73	53	?	–	–	–	–	"
S. Farnborough	c	bobc	b	b	75	50	43	–	–	–	–	10.1
London (Kew Obsy.)	bcb	bby	bb	bbmw	75	52	44	–	–	–	–	13.4
Croydon	bbcy	bcby	cbc	b	73	52	46	–	–	–	–	13.1
Clacton-on-Sea	bcz		bcz	bcz	69	54	47	–	–	–	–	12.4
Shoeburyness	bmbyz	bobc	b	b	75	49	44	–	–	–	–	13.9
Grain	bzbp	bcb	bw	bwm	74	52	42	–	–	–	–	13.8
Lympne	ocbcm	bccmm	omcbcb	bobc	63	46	38	–	–	•	•	10.4
Scilly (St. Mary's)	fc	fc	fc	fc	54	51	•	–	0.1	–	–	0.0
Falmouth (Pendennis)	bc	of	of	of	55	51	•	–	–	–	–	0.0
Plymouth (Cattewater)	form	c			58	54		Trace	–	<0800	–	1.0
Portland Bill	F	F	F	fcmc	54	48	•	–	0.4	–	–	•
Southampton (Calshot)	odmco	bobc	F	F	61	49	49	–	–	–	–	6.1
Lingeness	ffmF	Ff	bobcff	bobc	56	48	•	–	–	–	–	•
Guernsey	F	F	F	bobc	63	54	•	•	–	–	–	1.9



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	20th 1000	"Hibernia"	S'W	4	b	54	50
1	20th 0200	"Reindeer"	NNW	2	ffb	56	52
3	21st 0200	"Dieppe"	E	1	bcjp	54	52

GENERAL INFERENCE.

Low pressure systems to north and west of the British Isles will probably cause further rain in Scotland, Ireland and the northwest districts of England and Wales. In the southeast districts weather is likely to continue fine and warm under the influence of the continental anticyclone.

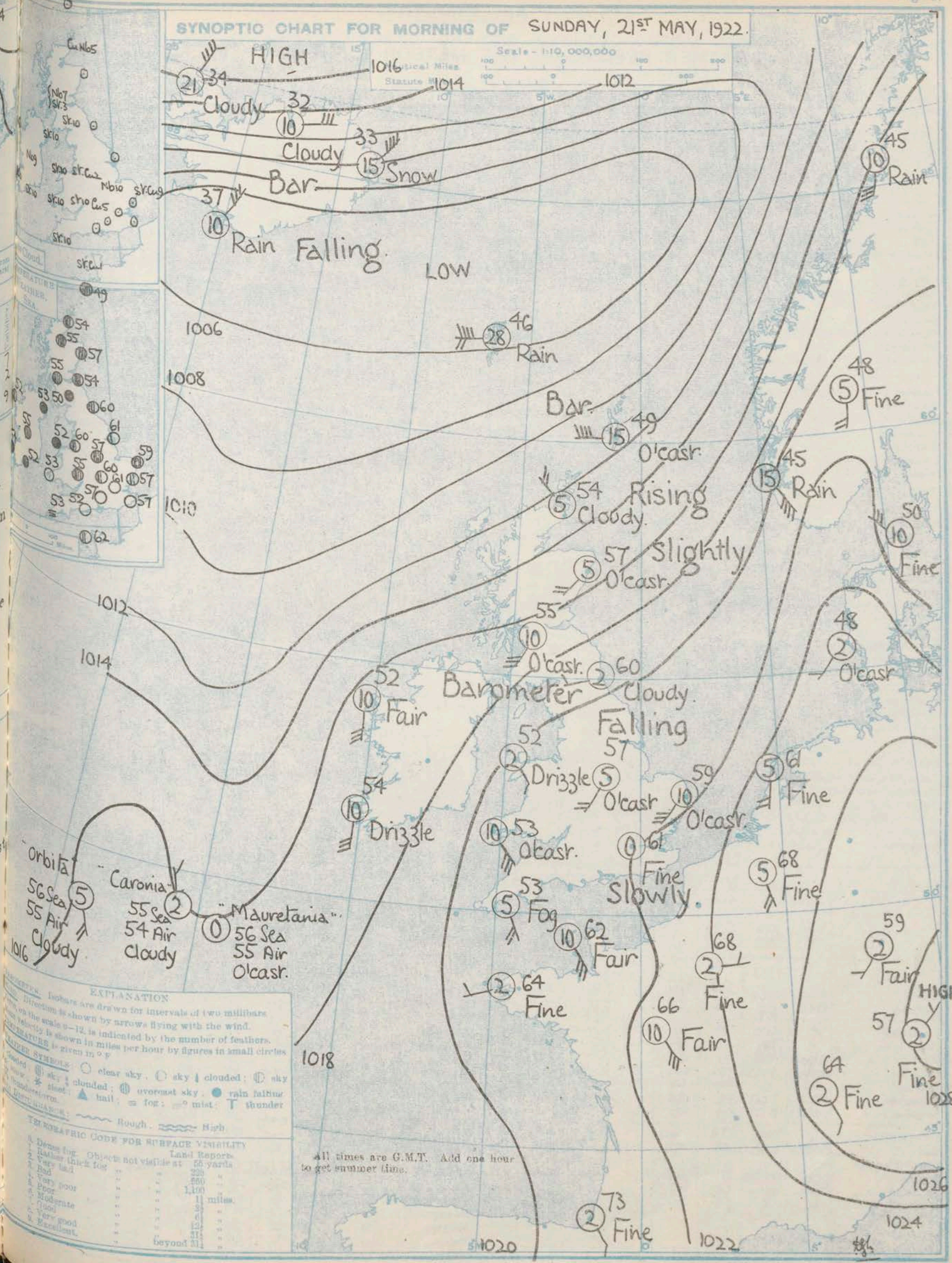
Sunday, 21st May, 1922.

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	Wind S.E. or S, light to moderate; fine; visibility mainly good; very warm.	Unsettled in west and north; mainly fair and warm in southeast districts.
5. S.W. England 6. South Wales	Wind light S.E; cloudy to fair; some coast mist; warm.	
7. North Wales 8. N.W. England	Light S.E. to S. wind; dull, some rain then fairer temporarily; some coast mist; warmer.	
9. N. Midlands 10. N.E. England	Light S. to S.W. wind; fair generally; visibility good; warmer.	
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; cloudy, rain in places; visibility moderate; rather warm.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southerly, becoming light indefinite; cloudy, rain in places; visibility moderate, some coast mist; rather warm.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 13.00 GMT.

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

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF SUNDAY, 21ST MAY, 1922.
Scale - 1:10,000,000
HIGH
1016
1014
1012
Cloudy
Cloudy
Snow
Bar
Rain
Falling
LOW
1006
1008
1010
1012
1014
1018
1020
1022
1024
1026
1028
Rain
Rain
Fine
Bar
O'cast
Rising
Cloudy
Slightly
O'cast
Rain
Fine
O'cast
Barometer
Falling
Cloudy
Fair
Drizzle
Drizzle
O'cast
O'cast
Fine
O'cast
Fine
Slowly
Fog
Fair
Fine
Fine
Fair
Fine
Fair
HIGH
Fine
Fine
Orbita
56 Sea
55 Air
Cloudy
Caronia
55 Sea
54 Air
Cloudy
Mauretania
56 Sea
55 Air
O'cast.
All times are G.M.T. Add one hour to get summer time.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Sunday, 21st May ... 1922. No. 142.

Observations at 0100 G.M.T. ... 21st

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.5	-5	S'E	3	or,r,	45	97	6	5700	Nb	10	-	10	.
Stornoway	1011.5	-3	SW	4	r	.	.	4	.	.	.	.	.	.
Wick	1012.1	0	SSW	3	opr,	50	97	8	2500	CuNb	10	-	10	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head														.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1017.3	-1	SW	3	orr	52	92	8	-	Nb	10	-	10	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1020.8	-2	W	1	opr,	58	85	6	4000	St	3	ASt	10	.
Blacksod Point ...	1015.9	+2	WSW	4	fc-	51	97	3	-	StCu	8	-	8	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1020.6	-2	SW	1	0	50	97	7	1500	St	10	-	10	.
Holyhead	1021.3	-3	SSW	4	mmo	.	.	5	225	St	10	-	10	.
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1022.9	-2	SSW	2	bc	55	92	6	1500	St	2	ASt	5	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1023.7	-1	S	2	b	53	97	6	2500	StCu	3	-	3	.
Gorleston	1024.2	-1	SW'S	3	bc	58	85	7	-	-	0	ACu	4	.
Valencia (Cahirciveen)	1018.0	-2	SW	5	ffo	53	97	3	450	St	10	-	10	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's He)	1023.3	-2	SSE	3	iFo	51	97	1	450	St	10	-	10	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.)...	.	.	.	.	.	54	.	.	.	.	.	.	.	.
Croydon	1025.1	-2	S'W	2	b-	54	92	7	-	-	0	Ci	3	.
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1026.0	-2	-	0	b	48	97	7	-	-	0	-	0	.
Scilly (St. Mary's) ...	1021.9	-3	SE	3	ffo	51	97	2	450	St	10	-	10	.
Falmouth (Pendennis)	1023.2	-2	SE	2	FFo	52	97	1	1500	St	10	-	10	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	1025.6	-1	ENE	2	fo-	49	85	3	450	St	10	-	10	.
Southampton (Calshot)	1025.2	-2	E'S	3	ffo	50	97	2	450	St	10	-	10	.
Dungeness	1025.6	-2	-	0	b+	50	97	8	-	-	0	ACu	3	.
Guernsey	1023.9	-1	SE	3	b/f	54	45	8	-	.	0	-	0	.

Observations at 0700 G.M.T. ... 21st

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011.7	0	W	4	o/r	49	97	6	-	-	0	ASt	10	3
Stornoway	1013.5	+2	SSE	3	4c	52	75	6	4000	Cu	8	-	8	3
Wick	1013.6	+3	NW	2	c-	54	85	8	2500	CuNb	5	ACu	7	0
Castlebay	1015.3	+1	SW	4	c	49	92	7	1500	St	7	-	7	4
Nairn	1014.4	.	-	0	c/r	55	85	8	1500	CuNb	7	.	7	.
Aberdeen	1015.7	+1	SW'S	2	o	57	85	7	-	-	0	ASt	10	0
Malin Head														.
Renfrew	1017.1	0	SW	3	o/r	55	97	6	1500	Nb	10	-	10	3
Edinburgh (Inchkeith)	1016.4	+1	WSW	4	o/r	54	85	8	-	St	3	ASt	10	.
Eskdalemuir	1019.1	-1	SSW	4	orr	50	97	6	450	St	10	-	10	.
Tynemouth	1019.1	-1	WSW	1	c	60	85	6	-	-	0	ASt	8	0
Blacksod Point ...	1016.1	0	SW	3	bc-	52	85	9	.	.	0	ACu	6	3
Donaghadee	1017.8	0	SSW	2	or,r,	53	97	6	1500	St	10	.	10	0
Birr Castle	1017.5	.	S	1	o	55	97	7	2500	Nb	9	.	9	.
Collinstown	1018.8	-2	S	3	odd	54	92	6	1500	StCu	10	.	10	.
Holyhead	1019.8	-1	SW'S	3	odd	52	97	3	450	St	10	.	4	0
Liverpool (Bidston) ...	1020.1	-1	SE	1	bc-	60	85	7	-	StCu	2	Ci,St	10	.
Chester (Shotwick) ...	1019.3	-1	SSE	1	o/m	62	85	8	4000	StCu	9	Ci	.	.
Spurn Head	1021.3	-1	SSE	2	b	61	85	6	-	.	0	Ci	1	0
Nottingham	1021.7	.	SW	2	o	57	97	6	1500	Nb	10	.	10	.
Cranwell	1021.9	-1	S	4	b+	60	92	6	-	-	0	Ci	1	.
Gorleston	1022.9	-1	SW	3	o+	59	85	6	5700	StCu	9	.	9	.
Valencia (Cahirciveen)	1017.1	0	S	3	odd	54	97	5	450	St	10	.	10	.
Roches Point	1017.8	-1	SSW	1	or,r,	52	97	2	450	St	10	.	10	4
Pembroke (St. Ann's He)	1020.3	-3	SE	3	o/f	53	97	7	1500	St	10	.	10	.
Ross-on-Wye	1021.1	-2	SE	1	o	55	85	7	1500	St	10	.	5	.
Benson...	1022.0	-1	-	0	bc	60	92	7	-	Cu	5	.	0	.
S. Farnborough ...	1022.3	-1	SE	1	b	57	85	7	-	.	0	.	0	.
London (Kew Obsy.)...	1023.0	-1	-	0	b	61	85	6	-	.	0	.	1	.
Croydon	1022.7	-2	S'E	3	b-	64	75	7	-	.	0	CiCu	.	.
Clacton-on-Sea ...	1023.7	-1	SSE	2	bc	57	85	7	-	.	0	ACu	4	0
Shoeburyness	1023.5	-2	E	1	b-	62	75	7	-	.	0	.	0	0
Grain	1023.4	-2	.	0	b	61	75	7	-	.	0	.	0	.
Lympne	1023.8	-2	SE	3	b	62	92	7	-	.	0	ASt	1	.
Scilly (St. Mary's) ...	1018.4	-4	SE	1	o	53	97	6	1500	St	10	-	10	2
Falmouth (Pendennis)	1020.7	-3	SE	2	FFo	53	97	1	1500	St	10	.	10	0
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	1021.7	-3	ENE	4	b-	52	85	7	-	-	0	CiCu	3	3
Southampton (Calshot)	1022.2	-3	ESE	4	mb-	55	92	6	-	-	0	.	0	0
Dungeness	1023.9	-1	-	0	b	57	85	7	-	-	0	.	0	2
Guernsey	1020.9	-2	SE	3	bc	62	85	8	7250	StCu	1	ASt	4	1

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 19th	Temperature. Max. Day 20th	Rainfall† Night 17h.-9h. 19th-20th	Rainfall† Day 9h.-17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset 19th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	cbc	cqr	47	59	-	0.1	8.6	8.6
Montrose	bcc	of	44	60	-	-	7.1	6.0
Llandudno	c	cbc	39	65	0.2	-	3.4	4.0
Colwyn Bay ...	c	bc	52	64	-	-	6.8	3.5
Rhyl	cbc	bc	51	64	-	-	3.3	5.7
Southport	dobc	bcc	50	64	2	-	4.0	0.7
Blackpool	od	c	49	63	1	0.3	3.4	0.7
Harrogate	obcb	bcb	48	68	-	-	5.2	3.6
Skegness	ocbc	b.bc	49	69	1	-	3.7	4.9
Aberystwyth ...	o	bco	52	60	-	-	1.3	5.0
Bath	ocbcb	bbc	54	72	-	-	5.8	6.1
Leamington Spa ...								
Lowestoft	pcbc	bccbc	51	65	-	-	4.4	5.1
Felixstowe	bcm	bcm	50	67	-	-	11.3	5.6
Southend	b	b	48	76	-	-	11.5	5.5

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 19th	Temperature. Max. Day 20th	Rainfall† Night 17h.-9h. 19th-20th	Rainfall† Day 9h.-17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset 19th
			°F.	°F.	mm.	mm.	hr.	hr.
Paignton	bc	bco	52	66	-	-	5.3	9.7
Ilfracombe	ofc	co	52	61	-	-	2.3	6.6
Bude	o	o	52	63	-	-	1.8	4.4
Penzance	of	of	53	56	-	-	0.0	6.7
Falmouth Observatory	of	efm	52	58	-	-	0.0	6.1
Torquay	f	f	53	64	-	-	6.5	10.3
Weymouth	omc	cmf	50	61	-	-	2.2	7.6
Bournemouth ...	mob	b	50	62	-	-	4.3	6.2
Portsmouth (S'thsea)	bc	b	50	65	1	-	4.7	5.6
Worthing	o	om	51	56	-	-	0.0	1.4
Brighton	m	m	51	54	-	-	0.0	0.0
Eastbourne	bcb	b	49	56	-	-	6.5	0.0
Hastings	ocbc	bccof	50	57	trace	-	3.9	0.0
Folkestone	o	ofo	48	58	-	-	0.0	1.9
Tunbridge Wells ...	b	b	47	70	-	-	10.9	3.0
Ramsgate	b	b	47	66	-	-	11.6	4.0
Margate	b	b	50	69	-	-	11.8	0.0
Deal	b	b	48	61	-	-	12.0	4.1

* 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. 22096 MONDAY, 22nd MAY 1922. Page 1.

Observations at 1300 G.M.T. 21st

Stations.	Barom. at M.S.L. (m.b)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. (°F.)	Humidity (%)	Visibility§ (0-9)	Height of Low Cloud (Feet)	Cloud Low Form.	Cloud Low Amt. (0-10)	Cloud Upper Form	Cloud Total Amt. (0-10)	Sea (0-9)
Lerwick	1015.0	+3	W	4	bc	51	85	7	4000	Cu	4	-	4	*
Stornoway	1014.3	+1	SSE	3	c	54	65	6	4000	Cu	8	-	8	*
Wick	1015.7	+2	ENE	1	o	50	85	8	4000	CuNb	7	CiSt	9	*
Castlebay	1016.5	0	SW	4	b	52	85	7	1500	St	2	ASt	3	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1015.7	0	S'E	4	bc ⊕	66	65	8	4000	Cu	1	CiSt	5	
Malin Head														
Renfrew	1016.8	-1	SW	2	o-	59	92	6	2500	StCu	10	-	10	*
Edinburgh (Inchkeith)	1016.4	-2	W	1	o	60	85	8	-	StCu	10	-	10	*
Eskdalemuir	1018.0	-1	SSW	3	o/r	55	92	6	450	St	10	-	10	*
Tynemouth	1018.0	-2	SSW	1	opr$_0$	63	75	6	4000	St	3	ASt	10	*
Blacksod Point	1014.8	-1	SW'S	2	c-	51	85	9	-	StCu	8	-	8	*
Donaghadee	1016.7	-2	SSW	1	c+	57	85	7	5750	Cu	3	ACu	8	*
Birr Castle	1015.5	*	S	1	c-	62	92	8	4000	Cu	8	-	8	*
Collinstown	1017.2	-2	SE	2	o	61	92	6	1500	St	10	-	10	*
Holyhead	1017.2	-4	-	0	mo-	58	97	4	225	St	10	-	10	*
Liverpool (Bidston)	1016.8	-3	SE	2	o	71	65	8	~~1500~~ 2500	Cu	3	ASt	6	*
Chester (Shotwick)	1016.3	-4	SE	3	o	73	65	8	~~1500~~ 4000	StCu	4	ACu	10	*
Spurn Head	1019.5	-2	E	2	bc	63	85	7	4000	Cu	5	-	5	*
Nottingham	1018.3	*	S	3	c	75	65	7	1500	Cu	7	-	7	*
Cranwell	1019.1	-3	SE'S	4	bc	75	75	8	4000	Cu	5	-	5	*
Gorleston	1021.2	-2	S'E	5	bc+	60	85	6	4000	Cu	3	CiCu	5	*
Valencia (Cahirciveen)	1015.7	-2	S	3	mo+	56	97	4	450	St	10	-	10	*
Roches Point	1016.3	-2	SW	1	ffo	55	97	2	<150	St	10	-	10	*
Pembroke (St. Ann's H.)	1017.5	-3	E	3	o/f	57	92	7	1500	St	10	-	10	*
Ross-on-Wye	1016.6	-5	S'W	3	bc	77	65	8	4000	Cu	3	CiCu	5	*
Benson	1018.5	-5	SSE	3	b	79	75	7	-	-	0	-	0	*
S. Farnborough	1018.9	-4	SE	3	b	82	55	7	-	-	0	-	0	*
London (Kew Obsy.)	1019.6	-4	SSW	3	b	79	45	8	2500	Cu	1	-	1	*
Croydon	1019.5	-3	S	3	b	80	45	8	4000	Cu	1	-	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1020.4	-2	SW	1	b	78	55	8	-	-	0	-	0	*
Grain	1020.2	-3	S	3	b	79	45	8	-	-	0	ACu	1	*
Lympne	1020.9	-6	S	4	b+	73	75	8	-	-	0	ACu	2	*
Scilly (St. Mary's)	1018.7	0	WSW	1	o	54	85	6	1500	St	10	-	10	*
Falmouth (Pendennis)	1017.2	-3	S	3	FFo	57	97	1	1500	St	10	-	10	*
Plymouth (Cattewater)	1018.2	-1	SSE	3	b-	64	85	8	4000	StCu	1	ACu	2	*
Portland Bill	1018.6	-3	ENE	4	b	57	85	7	-	-	0	-	0	*
Southampton (Calshot)	1019.2	-3	E	4	b+	64	75	7	-	-	0	ACu	1	*
Dungeness	1020.5	-1	SSE	2	b	68	75	7	-	-	0	CiCu	2	*
Guernsey	1018.2	-5	SSE	3	b	71	65	8	-	-	0	ACu	2	*

Observations at 1800 G.M.T. 21st

Stations.	Barom. at M.S.L. (m.b)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. (°F.)	Humidity (%)	Visibility§ (0-9)	Height of Low Cloud (Feet)	Cloud Low Form.	Cloud Low Amt. (0-10)	Cloud Upper Form.	Cloud Total Amt. (0-10)	Sea (0-9)
Lerwick	1016.7	+2	W	2	bc	52	75	7	4000	Cu	2	CiCu	5	1
Stornoway	1014.4	0	SSE	3	c	53	75	6	4000	Cu	8	-	8	-
Wick	1016.2	+1	E	2	o	49	92	8	5750	StCu	10	-	10	0
Castlebay	1014.1	-2	E	2	o	52	92	6	800	St	10	-	10	3
Nairn	1014.7	*	ENE	2	c+	52	92	8	1500	CuNb	8	-	8	*
Aberdeen	1015.4	0	S	2	b-	62	75	7	4000	Cu	1	CiCu	2	0
Malin Head														
Renfrew	1014.7	-3	-	0	od+	60	85	7	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1015.0	-3	E	2	o	54	92	7	-	StCu	10	-	10	1
Eskdalemuir	1015.5	-3	-	0	orr	57	97	6	450	St	10	-	10	*
Tynemouth	1016.1	-2	S	1	o	59	85	6	-	-	0	ASt	10	0
Blacksod Point	1012.5	-3	W'N	2	o+	57	92	9	-	-	0	ASt	9	0
Donaghadee	1014.8	-7	SE	1	mo-	52	97	5	1500	St	10	-	10	0
Birr Castle	1012.8	*	SSW	1	or+	61	97	6	800	Nb	9	-	9	*
Collinstown	1014.2	-4	ESE	1	o	57	97	6	2500	StCu	10	-	10	*
Holyhead	1014.2	-3	-	0	ffo	56	97	3	<150	St	10	-	10	0
Liverpool (Bidston)	1013.8	-3	SE'S	2	bc	61	85	6	2500	CuNb	3	ASt	6	3
Chester (Shotwick)	1012.4	-5	WNW	3	o	67	75	6	4000	CuNb	7	CiCu	9	*
Spurn Head	1015.6	-4	E	4	bc+	58	92	6	4000	CuNb	4	Ci	6	2
Nottingham	1014.2	*	S	2	bc-	78	55	7	2500	Cu	4	Ci	5	*
Cranwell	1015.7	-5	SSE	4	b	78	65	7	5750	Cu	2	ACu	3	*
Gorleston	1019.0	-2	S'E	2	b-	58	85	6	-	-	0	CiCu	2	1
Valencia (Cahirciveen)	1012.9	-2	S	4	or-	56	97	6	450	St	10	-	10	3
Roches Point	1013.9	-3	SE	1	o/f	54	97	5	225	St	10	-	10	1
Pembroke (St. Ann's H.)	1015.2	-2	S	3	iFo	54	97	1	-	St	10	-	10	4
Ross-on-Wye	1014.3	-3	SW	3	bc	77	55	9	-	-	0	CiCu	4	*
Benson	1016.0	-3	SSE	2	b	77	55	9	-	-	0	-	0	*
S. Farnborough	1015.7	-2	S	4	b	79	55	8	-	-	0	-	0	*
London (Kew Obsy.)	1016.6	-2	S	3	b	84	45	8	-	-	0	CiCu	1	*
Croydon	1016.9	-3	SSW	4	b	79	45	9	-	-	0	-	0	*
Clacton-on-Sea	1018.0	-4	ESE	2	bc	64	75	6	-	-	0	ACu	4	0
Shoeburyness	1017.2	-2	NW	2	b+	70	65	8	-	-	0	ACu	2	*
Grain	1017.5	-3	S	1	b	76	55	8	4000	CuNb	2	ACu	2	0
Lympne	~~1016.7~~ 1017.7	-2	ESE	2	bc	73	65	7	-	-	0	ACu	5	*
Scilly (St. Mary's)	1015.8	-2	WSW	1	ffo	55	92	4	450	St	10	-	10	2
Falmouth (Pendennis)	1016.2	-2	SW	2	o+	56	97	4	1500	St	10	-	10	0
Plymouth (Cattewater)	1016.3	-1	SW	1	bc	58	92	7	4000	Cu	3	ACu	4	0
Portland Bill	1017.0	-2	-	0	b	61	85	7	-	-	0	-	0	0
Southampton (Calshot)	1016.6	0	E	4	b	63	85	7	-	-	0	ACu	1	0
Dungeness	1017.8	-3	E	2	bc	64	75	8	-	-	0	CiCu	4	2
Guernsey	1016.7	-4	SSW	2	b	76	65	8	-	-	0	CiSt	2	3

London Observations — 24 Hours ended 0900 G.M.T. 22nd (Kew, Croydon: 24 hours ended 0700)

Station	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	b	b	bbwbwz	*	*	48	-	-	13.9	*	*
Croydon	b.by	b.bcby	byv.b	*	*	58	-	-	14.1	*	*
Greenwich (Royal Obsy.)	bv	bvjp	bv	86	59	49	-	-	14.4	27	51
City (Bunhill Row)	*	*	*	*	*	*			13.6	*	*
Westminster (St. James' Pk.)	*	*	*	85	?	53	-	-	14.3	40	?
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	13.3	*	*
Camden Square	b	b	*	87	61	55	-	-	*	*	54
Kensington Palace	b	b	*	84	59	52	-	-	*	43 (18h)	53
Hampstead Observatory	*	*	*	81	63	49	-	-	13.6	*	61

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.
—	—	—	—

Solar Radiation. Vertical component per square centimetre.

During yesterday. South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 21st 21 h. 00 m. to 22nd 03 h. 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6·0	6·0	100
δ Ursae Minoris	6·0	6·0	100

Radio Disturbances (Atmospherics) at Croydon.†

Time.	Type.	No. per sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
21h.	-	-	-	-
7h.	-	-	-	-

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

22nd & 23rd MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·49 / 3·48	11·49 / 11·49	7·49 / 7·50
Greenwich	4·1 / 4·0	11·56 / 11·56	7·51 / 7·52
Wick	3·34 / 3·32	12·8 / 12·8	8·43 / 8·45
Valencia	4·40 / 4·38	12·37 / 12·38	8·36 / 8·38

Beaufort Notation of Weather.

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

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

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

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

R = heavy rain.
rr = continuous moderate rain.
r$_o$r$_o$ = continuous light rain.

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

Sea Disturbance.

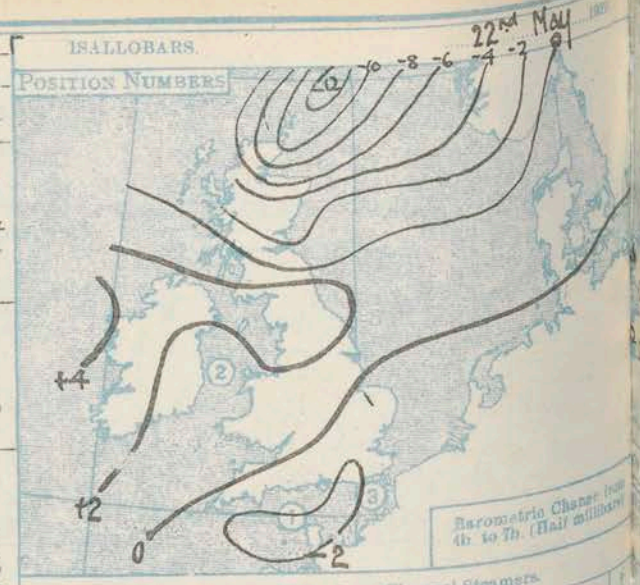
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

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

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

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. Hours.
Lerwick	b or bc	b or bc	c	r or d	53	45	*	0.2	5	<0800	0330	*
Stornoway	c	c	c	r or d	55	47	*	–	12	–	–	4.9
Wick	oo	oo	o F F r₀ r₀	o F F R R	59	41	*	–	8	–	2200	*
Castlebay	cbc	bco	o R R	R r r₀	52	48	*	–	11		2200	8.4
Nairn	c. bc. c		i r c	i r₀ bc	64	52	*	–	4	–	<2100	7.4
Aberdeen	o. c. bc	b or bc	bc i r₀	i r l c m	68	50	50	–	4	–	<2100	6.1
Malin Head	om	od₀ g₀	om	i r q	61	55	54	trace	7	–	<2100	1.1
Renfrew	oo	p	R R f f	oo	61	48	46	trace	10	1630	0430	1.1
Edinburgh (Inchkeith)	o r i r₀	o o r m	o d f	o r m	58	49	50	2	1	1730	<2100	0.0
Eskdalemuir	o p o m	o o m	o m p o r. a	b f f m	65	50	47	0.4	2	0900	<2100	*
Tynemouth												
Blacksod Point	c	oo	r or d	p	57	49	*	–	10	–	<2100	*
Donaghadee	b c r₀	f	F f i r₀	c i m r	61	51	*	1	2	<0800	<2100	*
Birr Castle	c. o.	c. o r r	c. o m	c. o r	66	50	49	0.6	1	0430	<2100	1.6
Collinstown	oo	f or m	b or bc	r or d	62	49	*	trace	0.1	<0800	0530	0.5
Holyhead	f d₀ d₀ o m	o r m f	f. o m	m o r r m.	62	50	51	0.5	1	<0800	0430	0.0
Liverpool (Bidston)	c. o	bc	p		74	55	49	–	6.4	–	0630	5.7
Chester (Shotwick)	c	F	o. bc. o	oo	77	52	42	–	–	–	–	*
Spurn Head	b or bc	b or bc	b or bc	b or bc	71	55	*	–	–	–	–	11.2
Nottingham	c	c	b	b or bc	80	61	55	–	–	–	–	8.0
Cranwell	b. bc	b or bc	c. bc. b	bc. b	79	60	51	–	–	–	–	12.4
Gorleston	c. bc q z	bc. b	b or bc	o	61	53	47	–	–	–	–	12.0
Valencia (Cahirciveen)	o d m	o d m r	o r	o r. c. b	57	50	48	4	16	<0800	<2100	0.0
Roches Point	o f. F	f f. o m	o f f e	f f e. bc	56	51	*	trace	0.3	–	–	*
Pembroke (St. Ann's H.)	f o r m	o m o f f	o F F e	o f g. o	59	50	*	–	1	–	0430	0.0
Ross-on-Wye	o. c. bc	bcy	bc. c w. b	b w	82	55	52	–	–	–	–	8.0
Benson	b	b	b	b	81	55	?	–	–	–	–	*
S. Farnborough	b or bc	b or bc	b y	b	88	56	47	–	–	–	–	14.2
London (Kew Obsy.)	b	b	b. b w	b w b w z	82	58	48	–	–	–	–	13.9
Croydon	b. by	b. bc b y	b y r. b	b bc. b	82	62	58	–	–	–	–	14.1
Clacton-on-Sea	bc bz		bc z	bc b z w	66	58	52	–	–	–	–	14.0
Shoeburyness	b or bc	b or bc	b	bc z	83	54	48	–	–	–	–	13.6
Grain	b or bc	b. bc. b	b w	b w m	81	59	49	–	–	–	–	13.6
Lympne	b or bc	b. bc. c	b or bc	b or bc	76	60	50	–	–	–	–	14.0
Scilly (St. Mary's)	f e o m	f	f e o	f e	58	52	*	–	0.2	–	–	0.0
Falmouth (Pendennis)	o F	o f. c o m	o f	o f	61	50	*	–	–	–	–	2.7
Plymouth (Cattewater)	b or bc	b or bc	f o r m		68	50	48	–	–	–	–	12.6
Portland Bill	bc. b.	b or bc	b or bc	b or bc	63	52	*	–	–	–	–	*
Southampton (Calshot)	b or bc	b or bc	b or bc	c	64	54	49	–	–	–	–	14.4
Dungeness	b or bc	b or bc	b or bc v	b or bc	72	57	*	–	–	–	–	
Guernsey	b or bc	b or bc	b or bc	b or bc m	81	58	*	–	–	–	–	14.3



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	21st 1010	Hibernia	S	2	om	52	49

GENERAL INFERENCE.

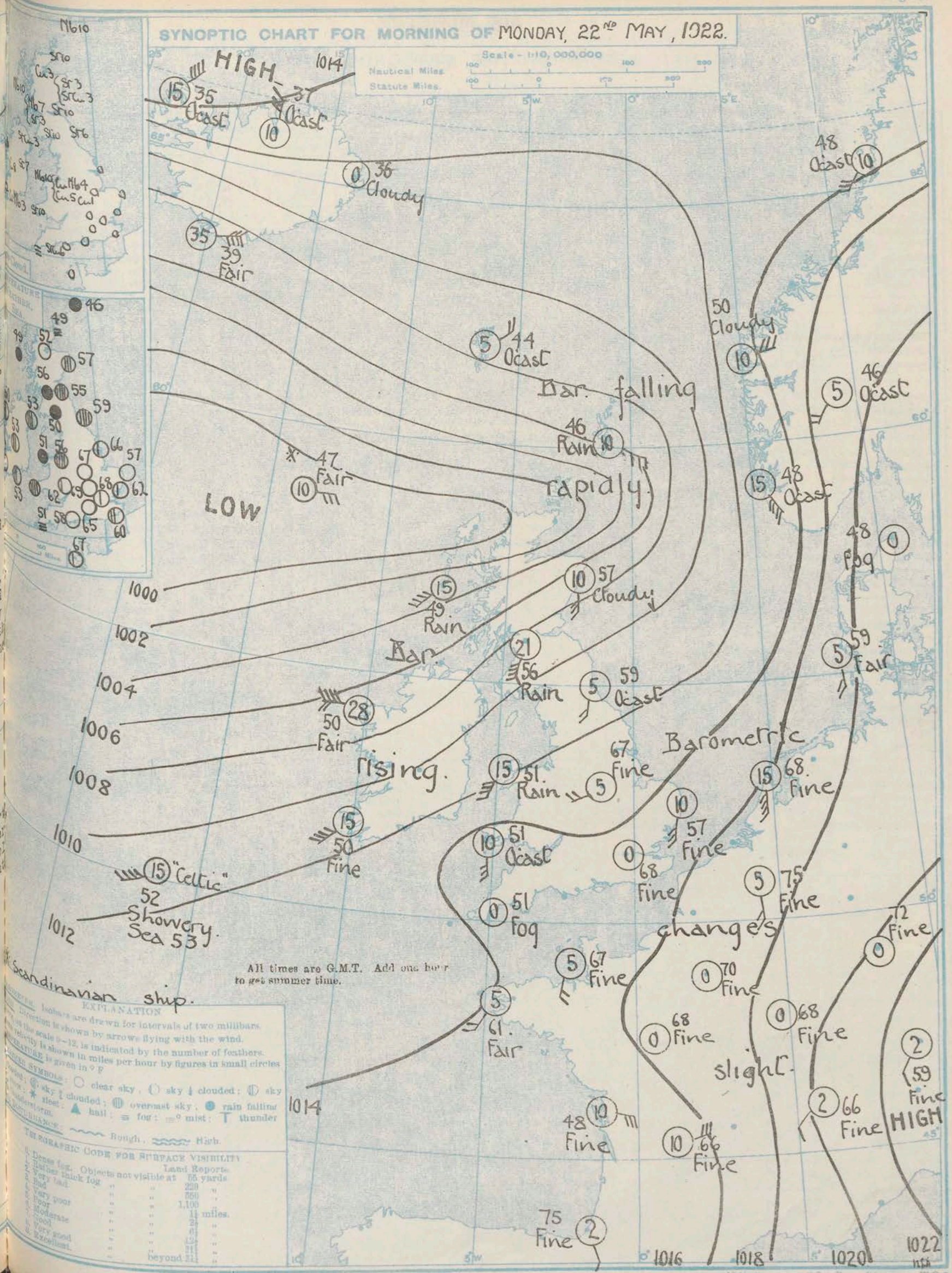
The Continental anticyclone has receded to Poland but the general fall of pressure over the British Isles is checked. Low pressure systems off the NW coasts will maintain unsettled conditions in the West and North. Over the Southern half of England very high temperatures are likely to continue with mainly fine weather though there is a tendency for the development of thunder.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 22nd May, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light variable or southerly winds; mainly fine but thundery tendency developing; visibility good; very warm.	Continuing unsettled in North and West; thunder conditions probable developing in South
5. S.W. England 6. South Wales	Light variable winds, fair; tendency for thunder; some coast fog; warm	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind Southwesterly, moderate; variable cloud, occasipnal rain or showers; visibility mainly good; moderate temperature	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides	Wind Southwesterly, moderate; mainly cloudy, some rain or showers; visibility moderate or good; moderate temperature.	
16. Orkneys and Shetlands	Wind mainly between S and E, moderate; dull some rain; some mist or fog; moderate temperature	
17. N.W. Ireland 18. N.E. Ireland	Same as 11 to 15	
19. S.E. Ireland 20. S.W. Ireland	Same as 7 to 10	

MAS.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 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 MAY 1922. No. 143.

Observations at 0100 G.M.T. 22nd

Stations	Barom. at M.S.L. (m.b)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather.	Temp. °F.	Humidity %	Visibility.§ (0-9)	Height of Low Cloud (Feet)	Cloud Low Form	Cloud Low Amt. (0-10)	Upper Form	Total Amt. (0-10)	Sea (0-9)
Lerwick	1015·3	-3	S	1	c	47	92	6	7250	St	5	a.Cu	8	*
Stornoway	1011·0	-3	-	0	co+	*	*	5	*	*	*	*	*	*
Wick	1010·0	-7	NNE	1	oTr	47	97	1	450	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1008·8	-4	ENE	2	ffo	51	97	2	-	St	10	-	10	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1010·4	-4	-	0	b/r	53	97	5	-	-	0	-	0	*
Blacksod Point	1008·2	-3	SSW	5	oPR	51	92	1	-	Nb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1011·0	-3	SSW	3	b-	55	97	7	2500	St	3	-	3	*
Holyhead	1012·2	-1	SSW	4	mmo	*	*	5	225	St	10	-	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1013·7	-1	SSW	3	c	58	92	6	2500	St	7	-	7	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1014·5	-4	S'W	3	bc	64	85	7	4000	StCu	5	-	5	*
Gorleston	1016·7	-2	S'W	2	b	56	85	7	-	-	0	-	0	*
Valencia (Cahirciveen)	1009·6	-1	SW	2	cT-	50	92	2	-	Nb	8	-	8	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1014·7	0	S	2	FFo	50	97	1	4150	St	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	61	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1015·9	-1	S	3	b	65	75	8	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1016·7	0	SE	1	b	63	92	8	-	-	0	-	0	*
Scilly (St. Mary's)	1014·3	-3	S	2	FFo	53	97	1	1500	St	10	-	10	*
Falmouth (Pendennis)	1014·7	-2	SW	3	FFo	52	97	1	1500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1016·5	0	E	1	b	54	85	7	-	-	0	-	0	*
Southampton (Calshot)	1015·7	-1	-	0	b	55	97	7	-	-	0	-	0	*
Dungeness	1016·6	-1	S	1	b	59	85	8	-	-	0	-	0	*
Guernsey	1016·8	+1	-	0	b	63	85	8	-	-	0	-	0	*

Observations at 0700 G.M.T. 22nd

Stations	Barom. at M.S.L. (m.b)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. °F.	Humidity %	Visibility.§ (0-9)	Height of Low Cloud (Feet)	Cloud Low Form	Cloud Low Amt. (0-10)	Upper Form	Total Amt. (0-10)	Sea (0-9)
Lerwick	1006·6	-1·2	ESE	3	oTr	46	97	6	2500	Nb	10	-	10	2
Stornoway	999·4	-8	NNW	1	oTr	48	97	6	400	St	10	-	10	0
Wick	1000·3	-10	SSE	2	FFo	49	97	1	800	St	10	-	10	0
Castlebay	1004·3	0	SW	4	oGg	49	97	6	800	Nb	10	-	10	4
Nairn	1001·0	*	-	0	b/r	52	85	8	4000	Cu	3	-	3	*
Aberdeen	1006·1	-2	S'W	3	bc/th	57	92	6	1500	St	6	-	6	0
Malin Head	1006·3	0	SSW	5	or	56	92	5	1500	Nb	10	-	10	4
Renfrew	1006·6	-2	WSW	4	o/f	55	85	8	-	St	10	-	10	*
Edinburgh (Inchkeith)	1009·4	+2	SW'S	6	od,do	50	97	1	4150	St	10	-	10	0
Eskdalemuir	1010·1	+3	SSW	2	o/f	59	85	6	4000	St	6	a.St	10	*
Tynemouth														
Blacksod Point	1006·8	+4	W	6	bc-	50	85	9	-	Cu	6	-	6	6
Donaghadee	1008·8	+2	-	0	c-	53	92	7	5750	StCu	3	a.Cu	8	*
Birr Castle	1010·1	*	SW	1	c-	53	92	7	2500	Cu	8	-	8	*
Collinstown	1011·5	+1	WSW	4	o/r	52	92	7	800	St	7	a.St	10	2
Holyhead	1011·7	+1	SSW	4	or-	51	97	6	450	Nb	10	-	10	2
Liverpool (Bidston)	1012·8	+1	S'W	3	o/r	56	92	8	2500	Cu	9	-	9	*
Chester (Shotwick)	1011·8	+2	SW	1	o	60	75	7	5750	StCu	5	a.Cu	9	*
Spurn Head	1013·0	0	S	2	b	66	85	6	-	-	0	Ci.Cu	2	2
Nottingham	1013·1	*	WSW	2	b	67	75	7	4000	Cu	1	Ci	2	*
Cranwell	1012·8	0	SSW	3	b+	68	75	8	-	-	0	Ci	3	*
Gorleston	1016·4	-1	S'W	3	b	57	85	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1011·4	+3	SW'W	4	b	58	85	9	2500	St	2	a.St	3	3
Roches Point	1012·5	+2	SW	3	bc	53	92	8	1500	CuNb	3	Ci.St	5	3
Pembroke (St. Ann's H.)	1014·3	+1	S	3	o/g	51	97	7	2500	St	10	*	10	4
Ross-on-Wye	1013·4	0	SW'S	2	b'	63	75	7	-	-	0	Ci	2	*
Benson	1013·4	+1	-	0	b	69	85	8	-	-	0	-	0	*
S. Farnborough	1013·9	-1	-	0	b	65	75	6	-	-	0	-	0	*
London (Kew Obsy.)	1014·4	-1	-	0	b	68	75	6	-	-	0	Ci	1	*
Croydon	1014·1	-2	S'W	3	b	72	65	8	-	-	0	-	0	*
Clacton-on-Sea	1014·9	0	ESE	2	b	62	75	6	-	-	0	a.Cu	2	0
Shoeburyness	1014·7	-1	S	1	bc+	69	75	6	-	-	0	Ci.St	6	*
Grain	1014·4	-1	-	0	b	71	65	8	-	-	0	Ci.St	3	0
Lympne	1015·2	0	S	3	b	66	75	7	-	-	0	Ci	3	*
Scilly (St. Mary's)	1014·6	-4	W'N	1	fo+	53	97	2	450	St	10	-	10	2
Falmouth (Pendennis)	1014·3	-2	-	0	fo-	51	97	3	1500	St	10	-	10	0
Plymouth (Cattewater)	1013·8	0	-	0	bc	54	92	5	1500	StCu	6	-	6	0
Portland Bill	1014·9	0	-	0	b	58	85	6	-	-	0	-	0	*
Southampton (Calshot)	1014·4	-1	SE'S	1	c+	60	85	6	-	-	0	Ci	8	0
Dungeness	1015·5	-1	SE	1	bc+	60	85	8	-	-	0	Ci.Cu	4	2
Guernsey	1014·3	-2	SSW	2	b	67	75	7	-	-	0	Ci.St	3	*

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 20th (°F)	Temperature Max. Day 21st (°F)	Rainfall† Night 17h-9h 20-21 (mm.)	Rainfall† Day 9h-17h 21st (mm.)	Sunshine Sunrise to 17h 21st (hr.)	Sunshine Sunrise to Sunset 20th (hr.)
Banff	bc	bc	53	58	1	-	7·3	8·6
Montrose	o.	c	47	63	1	-	1·4	7·1
Llandudno	o.	c.	47	61	0·4	-	0·9	3·4
Colwyn Bay	c.bc	bc.b	54	62	-	-	3·0	6·8
Rhyl	c.b.bc	bc.cp	50	64	-	2	1·6	3·4
Southport	o.	c.o	54	73	1	-	1·2	4·0
Blackpool	od.	c.o	53	67	1	0·2	1·2	3·8
Harrogate	o.c.	c.o	53	71	0·1	-	2·6	6·6
Skegness	b	b	53	73	-	-	12·0	4·1
Aberystwyth	o.c	bc.c	57	70	-	-	4·0	1·3
Bath	mb	b	53	81	-	-	7·5	5·8
Leamington Spa	o.	bc	50	82	-	-	5·2	6·3
Lowestoft	b.bc	bc.b	52	66	-	-	10·2	5·5
Felixstowe	bz	bz	53	68	-	-	12·4	12·4
Southend	b	bv	53	80	-	-	11·6	13·5
Paignton	ombcb	b	51	62	-	-	6·5	6·1
Ilfracombe	b.bc	bc	54	70	-	-	11·6	2·3
Bude	c.bc	bcf.o	55	74	-	-	9·3	8·1
Penzance	of	c.bc.o	53	61	-	-	1·7	0·0
Falmouth Observatory	of.c	bcm	52	64	-	-	0·0	0·0
Torquay	b	b	51	66	-	-	7·4	6·5
Weymouth	b	b	50	66	-	-	10·0	2·2
Bournemouth	b	b	48	69	-	-	11·0	5·5
Portsmouth (S'thsea)	b	b	48	72	-	-	11·9	6·5
Worthing	b	b	49	70	-	-	11·5	0·0
Brighton	b	b	49	74	-	-	11·4	0·0
Eastbourne	b	bc	53	72	-	-	12·5	1·8
Hastings	b	b	48	75	-	-	12·3 (11·3 struck out)	3·9
Folkestone	b	b	47	79	-	-	12·0	0·0
Tunbridge Wells	b	b	50	80	-	-	11·3	13·0
Ramsgate	b	b	52	74	-	-	11·8	13·7
Margate	b	b	55	80	-	-	11·7	13·9
Deal	b	bc	50	76	-	-	11·6	14·0

* 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.22097 Tuesday, 23rd May 1922.

Observations at 1300 G.M.T. 22nd

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	998.5	-3	SSW	8	b	52	85	6	4000	Cu	1	-	1	*
Stornoway	1003.0	+4	SSW	3	oPR-	52	85	6	4000	Nb	9	-	9	*
Wick	1004.1	+6	WSW	5	c	58	75	9	4000	Cu	6	Ci	7	*
Castlebay	1007.2	+4	WSW	5	bc/r	50	85	7	1500	St	6	-	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1006.8	+4	S.W	4	b-	66	45	9	4000	Cu	2	-	2	*
Malin Head	1009.1	+2	W	4	PR	53	97	7						*
Renfrew	1009.6	+1	SW	1	c-	61	65	8 (red: 7)	2500	StCu	6	Ci.St	8	*
Edinburgh (Inchkeith)	1009.5	+1	WSW	5	c-	55	75	8	-	Cu	3	Ci St	8	*
Eskdalemuir	1011.0	+3	S.W	5	o	56	75	8	2500	StCu	10	-	10	*
Tynemouth	1011.3	+1	SSW	3	c/r	62	75	6	-	-	0	A.St.	8	*
Blacksod Point	1011.5	+2	W	5	bc+	55	65	9	-	StCu	4	-	4	*
Donaghadee	1011.0	+1	W	2	c	62	65	8	4000	Cu	5	Ci	7	*
Birr Castle	1012.0	*	S.W	2	c	58	75	8	4000	Cu	7	-	7	*
Collinstown	1013.3	+1	W'S	3	o-	59	75	8	4000	StCu	6	A.St	9	*
Holyhead	1014.0	+2	SSW	4	ffo	52	97	3	<150	St	10	-	10	*
Liverpool (Bidston)	1013.5	+1	W	1	r+	57	85	6	800	Nb	10	-	10	*
Chester (Shotwick)	1012.2	+0	WSW	3	o/r	61	75	8	2500	St	10	-	10	*
Spurn Head	1012.1	-1	ESE	2	b	71	85	6	-	-	0	A.Cu	3	*
Nottingham	1011.3	*	WSW	2	o+	78	55	7	-	-	0	Ci	6	*
Cranwell	1012.0	-1	S'W (W in red)	4	b	81	55	8	4000	Cu.	1	-	1	*
Gorleston	1014.0	-1	S'W	3	b+	62	75	6	4000	Cu	2	-	2	*
Valencia (Cahirciveen)	1012.8	0	SSW	3	bc+	56	65	9	4000	StCu	5	-	5	*
Roches Point	1013.6	+1	S.W	3	b-	54	85	8	4000	Cu	3	-	3	*
Pembroke (St. Ann's H.)	1016.1	-1	S	2	ifo	52	97	1	<150	St	10	-	10	*
Ross-on-Wye	1013.6	+2	W'S	3	tlr₀	65 (red)	85	6	2500	CuNb	10	-	10	*
Benson	1011.3	-3	SW	2	b+	84	55	9	-	Cu	1	Ci.St	2	*
Farnborough	1012.1	-2	S'W	4	b	87	35	8	-	-	0	-	0	*
London (Kew Obsy.)	1011.8	-4	S	3	b	85	45	8	-	-	0	-	0	*
Croydon	1012.5	-3	SW'S	4	b	87	35	8	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1013.9	-1	SSE	1	b	85	55	7	-	-	0	-	0	*
...rain	1012.8	-2	SSW	2	b	88	35	8	-	-	0	Ci.St	2	*
Lympne	1014.2	-2	SSE	3	b-	73	75	8	4000	Cu	1	Ci St	2	*
Scilly (St. Mary's)	1014.8	0	SSE	1	o/r	54	97	6	1500	St	10	-	10	*
Falmouth (Pendennis)	1014.1	0	NNW	2	o/tlr	58	92	6	4000	CuNb	9	-	9	*
Plymouth (Cattewater)	1013.7	-0	C-	0	o-	60	85	8	1500	StCu	9	-	9	*
Portland Bill	1014.8	0	W'S	3	bc+	61	85	6	-	-	0	Ci Cu	4	*
Southampton (Calshot)	1012.2	-1	ESE	3	bc+	68	75	8	-	-	0	A.Cu	4	*
Dungeness	1014.5	-1	S.W	1	b-	68	65	8	-	-	0	Ci.St	2	*
Guernsey	1013.2	-3	NNW	2	c+	70	65	6	-	-	0	A.Cu	8	*

Observations at 1800 G.M.T. 22nd

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1004.9	+6	SW'S	8	bc	49	92	6	7250	Cu	2	A.Cu	5	7
Stornoway	1008.0	+5	SW	4	bc	49	75	6	4000	Nb	5	-	5	3
Wick	1008.7	+6	W	5	c	53	65	9	4000	Cu	2	Ci	6	3
Castlebay	1010.6	+2	WSW	5	bc	51	75	7	2500	St.	3	A.St	4	4
Nairn	1009.4	*	W	3	bc	55	55	8	4000	Cu	3	Ci	5	*
Aberdeen	1010.0	+4	WSW	3	b	62	45	8	4000	Cu	1	-	1	0
Malin Head														*
Renfrew	1012.0	+1	W	3	b-	57	55	9	5750	StCu	·1·	Ci	2-	*
Edinburgh (Inchkeith)	1011.1	+4	WSW	4	c-	55	65	8	-	St.Cu	7	·-	7	4
Eskdalemuir	1012.0	0	SSW	4	c+	54	75	8	2500	St.Cu	7	-	7	*
Tynemouth	1011.6	-3	W	1	bc/r	61	75	6	-	-	0	Ci.Cu	4	0
Blacksod Point	1011.2	0	SW	4	bc-	52	85	9	-	St.Cu	4	-	4	3
Donaghadee	1012.3	+1	W	1	bc	53	75	8	4000	Cu	4	Ci	5	1
Birr Castle	1011.2	*	SW	1	c+	61	75	7	4000	St.Cu	8	-	8	*
Collinstown	1012.7	-1	-	0	c	62	65	8	4000	St.Cu	8	-	8	*
Holyhead	1013.2	+1 (red)	SSW	3	b	54	85	9	4000	Cu	1	-	1	0
Liverpool (Bidston)	1012.7	-1	NNW	1	b/r	58	97	8	2500	St.Cu	2	-	2	1
Chester (Shotwick)	~~1011.2~~ 1012.5	~~+1~~ -1	~~WNW~~ WNW	~~2~~ 2	~~o/r~~ bc/r	~~57~~ 58	~~92~~ 85	~~6~~ 7	~~800~~ 1500	~~St.~~ St	~~10~~ 3	~~-~~ A.Cu	~~10~~ 5	
Spurn Head	1012.9	0	ENE	2	c/tlr	55	97	6	2500	CuNb	4	A.Cu	8	2
Nottingham	1012.3	*	W	1	o	68	75	7	2500	St.Cu	5	A.Cu	9	*
Cranwell	1012.8	0	NW'W	3	bc	67	85 (red)	6	4000	Cu'	1	A.Cu	5	*
Gorleston	1012.1	-1	N'E	4	bc+	61	75	7	4000	CuNb	3	Ci.St	5	0
Valencia (Cahirciveen)	1011.7	-2	S	4	c-	56	75	9	2500	St.Cu	4	A.Cu	7	3
Roches Point	1013.1	0	SSE	2	b	54	92	8	4000	Cu	1	Ci.St	3	3
Pembroke (St. Ann's H.)	1014.3	-1	W	1	c/f	53	92	7	4000	St.Cu	8	-	8	*
Ross-on-Wye	1012.5	-2	S	1	bcjp	69	65	8	4000	CuNb	2	A.Cu	6	*
Benson	1012.7	+1	NW	2	c	75	65	9	-	Cu	8	-	8	*
Farnborough	1012.3	0	SW	2	o+	78	35	6	-	-	0	Ci.St	10	*
London (Kew Obsy.)	1012.3	0	SW	2	b	84	45	8	-	-	0	A.Cu	3	*
Croydon	1012.5	0	S'W	3	b	81	45	8	5700	Cu	1	A.Cu	3	
Clacton-on-Sea	1012.0	-2	SSE	2	b	68	75	7	-	-	0	A.St	2	0
Shoeburyness	1012.2	-1	W	1	b+	79	55	7	-	-	0	Ci.Cu	2	*
...rain	1012.1	-0	SSW	2	b	81	45	8	-	-	0	Ci.Cu	1	0
Lympne	1012.7	-2	S	2	b	76	65	8	4000	Cu	1	-	1	**
Scilly (St. Mary's)	1012.8	-2	-	0	fo	54	97	3	1500	St	10	-	10	1
Falmouth (Pendennis)	1012.3	-2	NNE	3	c/r	60	97	7	4000	Cu	7	-	7	0
Plymouth (Cattewater)	1012.7	0 (red)	-	0	ojp	58	92	8	2500	St.	10	-	10	0
Portland Bill	1013.3	-1	-	0	o+	61	85	6	-	-	0	A.St	10	0
Southampton (Calshot)	1012.7	-1	W	2	cpr₀	72	75	7	2500	CuNb	2	A.Cu	8	0
Dungeness	1012.7	-1	-	0	b	65	85	8	-	-	0	-	0	2
Guernsey	1013.1	-1	NNE	2	bc+	65	75	7	-	-	0	A.St	6	2

London Observations

24 Hours ended 0900 G.M.T. 23rd (Sunshine: Yesterday; Humidity 9h.: To-day)

London Observations	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	bz by	by	bc.c.b.bc(bfw)/°		*	52	-	-	12.9	*	*
Croydon (24 hours ended 0700)	b.bcy	by	byoTlRcbm	*	*	56	-	5	13.4	*	*
Greenwich (Royal Obsy.)	b	b	c.b.r.l.r	90	58	51	-	0.3	13.4	36	49
City (Bunhill Row)	*	*	*	*	*	*	*	*	12.3	*	*
Westminster (St. James' Pk.)	*	*	*	88	63	57	2.3		12.9	37	53
Regent's Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	12.5	*	*
Camden Square	bz	b	*	91	62	57	-	0.3	*	*	56
Kensington Palace	b.bc	b	*	88	61	54	-	0.9	*	41 (18hrs)	54
Hampstead Observatory	*	*	*	87	61	52	-	-	12.8	*	54

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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

Kew Observatory Max.	Time.	Min.	Time.
0.5	7h. 22nd	<0.3	16h 21st
<0.3	12h 22nd		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate ....Milliwatts.

Maximum Rate ....Milliwatts.

Pole Star Record at Greenwich Obsy.

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

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

Radio Disturbances (Atmospherics) at Croydon.[1]

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

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

23rd and 24 May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.48 / 3.47	11.49 / 11.50	7.50 / 7.52
Greenwich	4.0 / 3.59	11.56 / 11.57	7.52 / 7.54
Wick	3.32 / 3.30	12.8 / 12.9	8.45 / 8.47
Valencia	4.39 / 4.38	12.37 / 12.38	8.36 / 8.38

Beaufort Notation of Weather.

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

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

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

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

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

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

Sea Disturbance.

0=no swell, 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 2.

M.O. Form 2370.

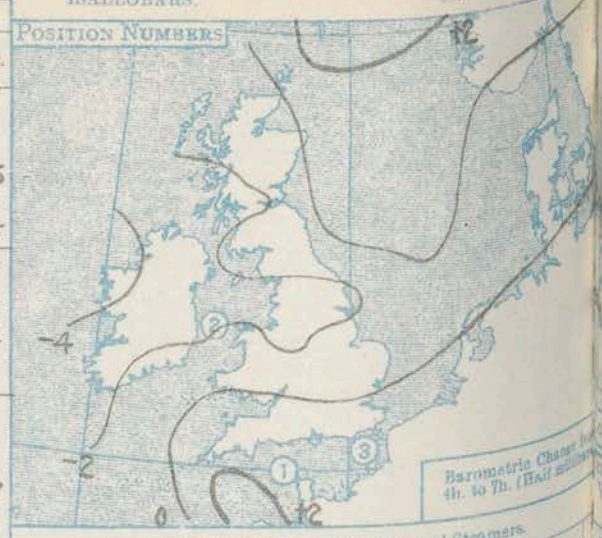
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.–13h. 22nd	13h.–18h. 22nd	18h. 22nd to 1h. 23rd	1h.–7h. 23rd	Temperature. Max. Day. 7h.–18h.	Min. Night. 18h.–7h.	Min. on Grass	Rainfall.† Day. 7h.–18h. mm.	Night. 18h.–7h. mm.	Precipitation began.	Precipitation began.	Sun. Hours.
Lerwick	f.m	bor bc	b or bc	bor bc	53	45	•	2	–	L0800	–	•
Stornoway	p	p	b or bc	bc	54	43	•	3	–	L0800	–	8·6
Wick	c	c	b or bc	c	61	39	•	–	–	–	–	•
Castlebay	r.d	cbc	bc b	b.op	51	47	•	0·3	0·2	–	–	9·5
Nairn	beq		bcx.c	cq	61	38	•	–	–	–	–	11·3
Aberdeen	cmbq	bqcb	b.bm	bmb	67	43	30	–	–	–	–	10·4
Malin Head	p						•					
Renfrew	orm	c.bcv.by	b.bc	c.omzw	61	41	32	0·6	trace	L0800	–	7·2
Edinburgh (Inchkeith)	c	c	b or bc	b or bc	59	45	37	–	–	–	–	6·5
Eskdalemuir	omco	ocbccz	bc.o		59	41	37	0·2	–	L0800	–	4·5
Tynemouth	omp	RRm	d.cm	RRm	64	48	39	5	2	1100	0430	•
Blacksod Point ...	b.bc	b or bc	oo	oo	56	48	•	–	trace	–	–	•
Donaghadee	cv	bc	bcm	bcmw	63	47	•	–	trace	–	–	•
Birr Castle	co	co	c.o	c.o	62	47	38	–	–	–	–	7·8
Collinstown	oo	c	o.b	bo	65	45	*	trace	–	L0800	–	7·5
Holyhead	ormff	focbcb	bv.c.o	oo	56	49	49	0·3	–	L0800	–	4·9
Liverpool (Bidston) ...	poc	f.ord	f	orm	61	54	49	7	–	1230	–	1·8
Chester (Shotwick) ...	oprq	orr mbc	o.bc.om	oobcf	69	55	49	4	–	1630	–	•
Spurn Head	b.bc	tlr	c	c	75	50	•	6	0·1	1530	L2100	10·1
Nottingham	b.bc	TLR	c	b or bc	79	57	55	11	–	1330	–	9·2
Cranwell	b.bc	blqclrhbc	bc cm	b or bc pr	82	53	51	7	0·5	1430	0430	11·5
Gorleston	bz	b.bc	c.bo lv	cl.bc	67	52	48	–	–	–	–	12·2
Valencia (Cahirciveen)	bcc	bccoc	o	o·oid	56	52	49	–	0·2	–	0330	8·3
Roches Point	bc b	b.bcb	bw	bw.c	58	49	•	–	0·6	–	–	•
Pembroke (St. Ann's H.)	off pr	f or m	c.cv	c	55	51	•	3	–	0900	–	0·8
Ross-on-Wye	bccbcq	ocolpr.c	c.bcop	p.oFFe	75	56	53	2	0·1	1230	0230	8·3
Benson...	b	bco	cz.b	bc	85	59	52	–	0·1	–	L2100	•
S. Farnborough ...	b.bc	bbccoy	o.b	zrbwbc	88	59	56	–	0·6	–	2400	12·3
London (Kew Obsy.)..	bz by	by	bc.c.bc	bbczbfwbc	86	62	52	–	–	–	–	12·9
Croydon	b bcy	by	b.oTZRHCTZ.bcbm		87	61	56	–	5	–	2400	13·4
Clacton-on-Sea ..	bc b3	bez	bez	bez	70	57	53	–	–	–	–	13·8
Shoeburyness	b	by	by	bm	86	54	49	–	–	–	–	13·5
Grain	b bc by	b	b.bc.c	c.bc.b	88	56	51	–	–	–	–	13·6
Lympne	b bc	b	b or bc	b.bcz	80	61	52	–	–	–	–	14·3
Scilly (St. Mary's)	lifir	omf	feobcm	ffe	54	50	•	4	0·2	–	–	0·0
Falmouth (Pendennis)	oc op	opcm	c.bc.bm	bc.c.op	65	53	•	3	2	L0800	L2100	3·5
Plymouth (Cattewater)	p	po	bcp.o	b or bc	69	55	47	trace	trace	1100	L2100	4·1
Portland Bill	b.bc	o	o.b	b or bc	66	54	•	–	–	–	–	•
Southampton (Calshot)	b.bc	b or bc	cpczzbb	b	76	56	53	trace	trace	1730	L2100	11·5
Dungeness	b bc	b.bc	b or bc L	b or bc	72	57	*	–	–	–	–	•
Guernsey ..	b.bc	b.bc	b or bc il	c	72	59	*	–	–	–	–	10·2

23rd May

ISALLOBARS.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	22nd 1000	Hibernia	S	4	F	51	49
3	23rd 0200	Dieppe	–	0	bc	61	57

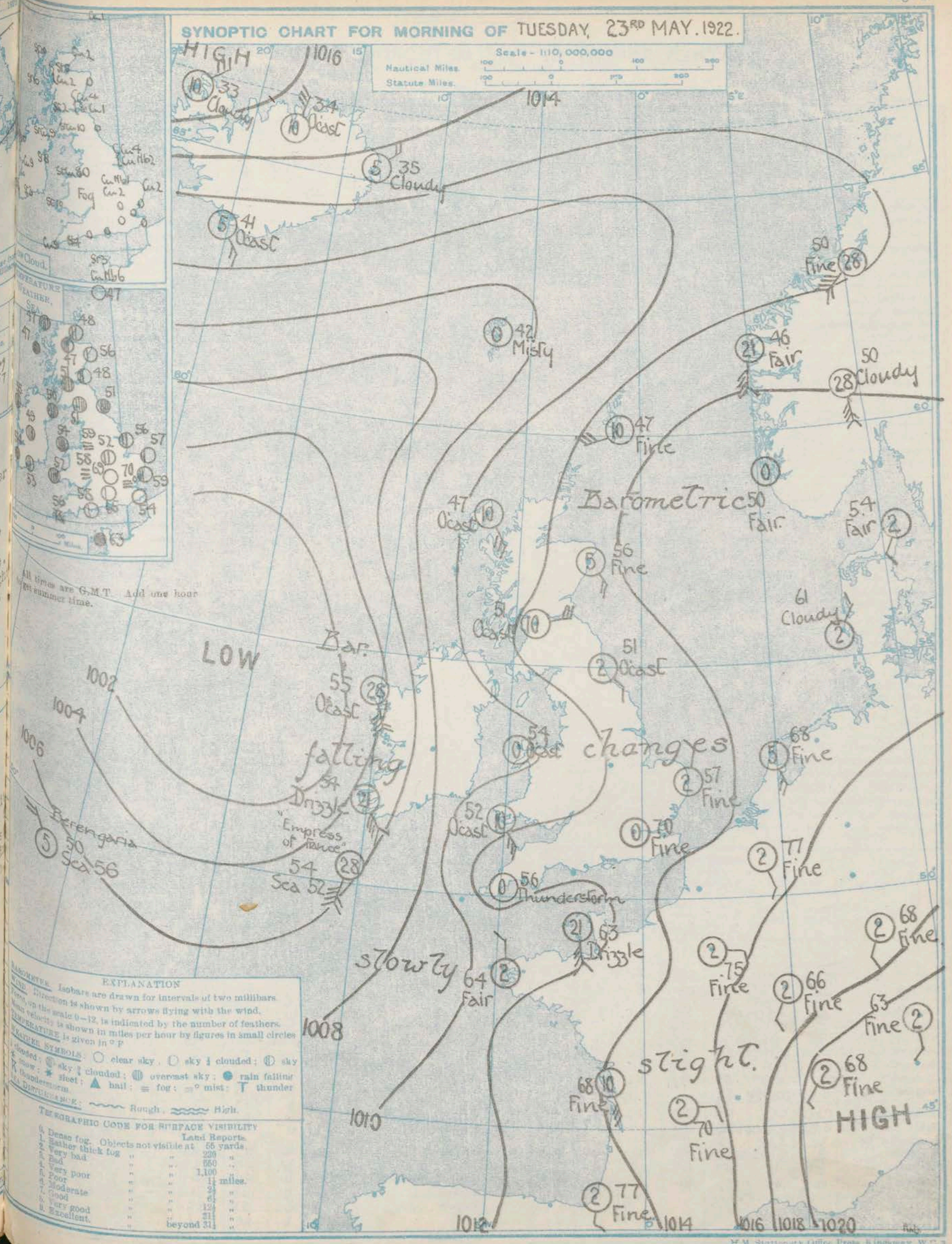
GENERAL INFERENCE.

With pressure highest over the Continent and low off the western coasts winds will be mainly from a southerly point, fresh in the west and north where further rain is probable. Over England winds will be light with warm thundery conditions.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 23rd May, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light indefinite or southerly winds; variable cloud, thunderstorms in places; visibility mainly good; very warm.	Thundery conditions continuing in south-east districts; further rain in West and North.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind mainly southerly, light or moderate; cloudy, rain or showers at times, tendency for thunder; visibility mainly good; but some coastal fog; moderate temperature.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Winds between E and S, light to moderate; variable cloud, rain or showers in places; visibility mainly good; moderate temperature.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind southerly, moderate, fresh at times; cloudy to dull; some rain or showers; local mist or fog; moderate temperature	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Southerly, moderate to strong; cloudy to dull, occasional rain; visibility moderate or good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.20 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, ... 23rd May ... 1922. No. 144.

Observations at 0100 G.M.T. ... 23rd

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011.3	+7	WSW	6	b-	45	85	7	-	-	0	-	0	*
Stornoway	1012.2	+2	WSW	2	bc-	*	*	6	*	*	*	*	*	*
Wick	1012.9	+1	W	1	b	43	85	9	-	-	0	CiSt	3	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1014.0	+2	-	0	b	47	85	7	-	StCu	2	-	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1014.5	0	-	0	b	53	85	6	-	-	0	-	0	*
Blacksod Point ...	1008.9	-5	SW	1	c+	52	85	7	-	NB	8	-	8	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1012.7	-1	SW	1	b	49	92	6	2500	St	2	-	2	*
Holyhead	1012.7	-2	SE	1	o	*	*	8	2500	StCu	9	-	9	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1014.6	0	NE	2	bc	52	97	6	1500	StCu	6	-	6	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1014.8	+1	N'E	2	bc	57	97	6	2500	StCu	6	-	6	*
Gorleston	1014.1	0	NNE	1	bc+	53	92	7	4000	Cu	6	-	6	*
Valencia (Cahirciveen)	1010.6	-3	SW	2	o/r	53	92	5	-	St	5	aSt	10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1012.1	-2	NE	3	c	54	92	9	5750	StCu	7	-	7	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	68	*	*	*	*	*	*	*	*
Croydon	1013.3	0	S	2	cbc	63	97	8	2500	CuNb	4	aCu	8	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1013.2	0	ESE	2	b	63	85	8	-	-	0	aSt	1	*
Scilly (St. Mary's) ...	1011.4	+2	ESE	2	b/f	52	97	6	2500	St	3	-	3	*
Falmouth (Pendennis)	1011.7	0	-	0	b	54	97	6	-	-	0	-	0	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1012.8	0	E'N	2	b	57	85	6	-	-	0	-	0	*
Southampton (Calshot)	1013.0	0	SE	3	b/r	58	97	7	-	-	0	-	0	*
Dungeness	1013.4	0	-	0	b	60	97	8	4000	Cu	3	-	3	*
Guernsey	1012.2	0	SSW	2	b	62	85	8	-	-	0	-	0	*

Observations at 0700 G.M.T. ... 23rd

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013.2	+3	WSW	3	b	47	85	7	4000	Cu	1	Ci	2	2
Stornoway	1010.7	-1	SE	3	o+	47	85	6	800	St	10	-	10	2
Wick	1012.6	0	SSE	1	bc	48	92	8	4000	Cu	2	CiSt	6	0
Castlebay	1008.5	-2	E	4	opr	47	92	6	800	St	10	-	10	4
Nairn	1011.7	*	-	0	c	47	75	8	1500	St	7	-	7	*
Aberdeen	1013.9	0	SE	2	b	56	75	8	-	-	0	CiSt	1	0
Malin Head														
Renfrew	1011.5	-2	E	3	o+	51	75	5	5750	St	2	aSt	9	*
Edinburgh (Inchkeith)	1012.4	-2	ENE	2	bc+	48	92	8	-	Cu	5	-	5	2
Eskdalemuir	1011.6	-1	ENE	3	o	51	85	7	4000	StCu	10	-	10	*
Tynemouth	1013.6	0	SE	1	o/r	51	97	5	-	-	0	aSt	10	0
Blacksod Point ...	1002.7	-5	SSE	6	o	55	65	9	-	CuNb	10	-	10	7
Donaghadee	1011.1	-2	-	0	o+	50	92	8	5750	StCu	9	-	9	0
Birr Castle	1008.6	*	S	1	o+	49	92	7	4000	Cu	9	-	9	*
Collinstown	1010.3	-3	SE	2	o+	52	92	7	1500	St	8	aSt	10	0
Holyhead	1009.9	-2	-	0	o	54	92	7	2500	StCu	8	aSt	10	0
Liverpool (Bidston) ...	1010.1	-2	E'S	2	fb-	59	85	2	-	-	0	-	0	1
Chester (Shotwick) ...	1009.8	-3	SE	2	bc-	59	92	3	2500	StCu	4	-	4	*
Spurn Head	1012.7	-2	NE	2	bc	56	75	6	1500	Cu	6	-	6	2
Nottingham	1012.3	*	SSE	1	bc+	62	85	7	2500	Cu	2	Ci	4	*
Cranwell	1013.0	-1	E	3	b	58	92	6	4000	CuNb	1	-	1	*
Gorleston	1013.8	0	NNE	1	b-	57	85	6	4000	Cu	2	-	2	0
Valencia (Cahirciveen)	1006.0	-3	S'E	5	od	54	92	7	800	St	10	-	10	3
Roches Point	1009.1	-1	SE	2	c+	53	97	8	225	St	3	Ci	8	1
Pembroke (St. Ann's H.)	1011.2	0	SE	3	o+	52	92	8	2500	St	10	-	10	2
Ross-on-Wye	1011.5	-1	-	0	ffo	58	97	1	2150	St	10	-	10	*
Benson...	1011.6	0	-	0	b-	69	85	8	-	-	0	Ci	2	*
S. Farnborough ...	1013.4	0	SSW	2	b+	65	85	7	-	-	0	Ci	3	*
London (Kew Obsy.)...	1012.1	0	-	0	mb-	70	75	6	-	-	0	Ci	2	*
Croydon	1012.3	-1	S	2	b	71	75	6	-	-	0	Ci	2	*
Clacton-on-Sea ...	1012.7	0	ENE	3	bc	59	85	6	-	-	0	aCu	5	0
Shoeburyness	1012.8	0	-	0	mb-	63	75	6	-	-	0	-	0	*
Grain	1012.3	0	-	0	b	62	85	7	-	-	0	Ci	1	*
Lympne	1013.3	+1	SE	3	b	67	85	7	-	-	0	aCu	1	*
Scilly (St. Mary's) ...	1010.9	0	W'N	1	ffo	52	97	2	450	St	10	-	10	2
Falmouth (Pendennis)	1012.5	+2	-	0	o2r	56	97	5	4000	Cu	9	-	9	0
Plymouth (Cattewater)	1011.2	+1	-	0	bc	58	92	8	2500	St	4	-	4	0
Portland Bill	1014.8	0	ENE	2	b+	58	85	6	-	-	0	CiCu	2	1
Southampton (Calshot)	1012.7	+1	SE'S	3	b+	57	92	7	-	-	0	CiCu	2	0
Dungeness	1013.4	0	SE	2	b-	59	85	7	-	-	0	CiCu	1	2
Guernsey	1011.3	+2	S	5	od	63	85	7	5150	CuNb	9	-	9	1

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 21st	Temperature. Max. Day. 22nd	Rainfall.† Night 17h.-9h. 21st-22nd	Rainfall.† Day 9h.-17h. 22nd	Sunshine. Sunrise to 17h. 22nd	Sunshine. Sunrise to Sunset. 21st
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	cbcq	bbcq	50	66	3	-	9.6	7.9
Montrose	obc	bc	48	63	8	0.2	6.1	1.7
Llandudno	or	r.o.cb	48	59	0.3	1	1.8	2.2
Colwyn Bay ...	c.o	rc.bc	55	59	-	5	0.7	5.5
Rhyl...	cp	pc	54	59	1	6	0.7	3.0
Southport	ocorr	obcb	53	61	3	6	0.5	1.4
Blackpool	Hr	oc	53	58	20	6	1.0	1.5
Harrogate	b	bcor	53	67	0.1	5	7.5	3.2
Skegness	b	boutrhb	57	77	-	4	11.4	13.8
Aberystwyth ...	r.oc	cro	53	59	0.3	6	1.5	5.0
Bath	b.bc	bbcco	56	74	-	-	6.9	9.5
Leamington Spa ...	bc	ber	58	79	-	-	7.9	7.7
Lowestoft	b	b.bc	56	72	-	-	12.3	12.6
Felixstowe	b3	b	57	69	-	-	12.3	14.3
Southend	b	bv	52	84	-	-	11.5	13.6

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 21st	Temperature. Max. Day. 22nd	Rainfall.† Night 17h.-9h. 21st-22nd	Rainfall.† Day 9h.-17h. 22nd	Sunshine. Sunrise to 17h. 22nd	Sunshine. Sunrise to Sunset. 21st
			°F	°F	mm.	mm.	hr.	hr.
Paignton	bccp	bcc	52	68	-	1	7.8	8.6
Ilfracombe	orth	oc	51	55	-	3	0.4	11.7
Bude	ocpc	co	52	61	0.1	2	2.4	9.3
Penzance	fcptl	bc	51	64	-	2	3.0	1.9
Falmouth Observatory	pthrc	cbcc	51	66	-	2	2.8	3.3
Torquay	bcpc	bccb	55	69	-	0.1	7.6	9.6
Weymouth	b.bc	bc	54	76	-	-	7.9	12.5
Bournemouth ...	b	b	52	78	-	-	10.0	13.1
Portsmouth (S'thsea)	b	b	58	77	-	-	11.5	14.4
Worthing	b	b	58	71	-	-	11.5	14.1
Brighton	b	b	58	70	-	-	11.5	13.9
Eastbourne	b	b	57	74	-	-	12.2	14.4
Hastings	b	b	62	78	-	-	12.9	14.3
Folkestone	b	b	47	83	-	-	12.0	13.9
Tunbridge Wells ...	b	b	60	86	-	-	11.7	13.5
Ramsgate	b	b	63	83	-	-	12.1	13.9
Margate	b	b	65	88	-	-	11.8	11.8
Deal	b	b	60	87	-	-	12.5	12.6

* 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.22098 Wednesday, 24th May 1922.

Observations at 1800 G.M.T. 23rd

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·5	+1	S	3	c+	49	65	8	–	–	0	CiSt	8	*
Stornoway	1006·8	−4	SW	2	bc+	53	75	6	–	–	0	ASt	5	*
Wick	1010·3	−3	ENE	4	c	49	92	8	–	–	0	ACu	7	*
Kinloss	1008·2	−3	E	4	mmo	52	85	6	1500	St	10	–	10	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011·8	−2	SE'S	2	o+	53	75	6	–	–	0	ASt	10	*
Malin Head														*
Renfrew	1008·1	+3	S	2	o	62	75	6	4000	St	6	ASt	10	*
Edinburgh (Inchkeith)	1009·4	−3	ENE	1	o	52	85	7	–	St	10	–	10	*
Eskdalemuir	1010·2	−2	N	1	orr	54	97	5	800	Nb	10	–	10	*
Tynemouth	1010·2	−3	SSE	1	ffo	52	97	1	<150	St	10	–	10	*
Blackpool Point	1006·0	+5	SW	7	c	54	75	9	<150	CuNb	7	–	7	*
Douglas Head	1009·5	−1	S	1	bc+	60	85	7	–	–	0	CiCu	6	*
Barr Castle	1007·7	*	S	2	c−	59	85	8	4000	StCu	8	–	8	*
Calliagstown	1009·2	0	SW	3	o−	63	85	7	4000	StCu	6	ASt	8	*
Holyhead	1010·0	+1	SW'S	4	mmo	55	92	5	<150	St	10	–	10	*
Liverpool (Bidston)	1009·0	−1	S'E	2	o+	73	65	5	1500	Nb	10	–	10	*
Chester (Shotwick)	1008·4	−1	S'E	3	o	74	65	6	4000	StCu	5	ACu	10	*
Spurn Head														
Nottingham	1012·2	−0	E	2	c	61	85	6	4000	Cu	2	CiSt	8	*
Cromwell	1011·4	*	SW	3	o+	77	45	7	800	Nb	9	–	9	*
Norfolk	1011·8	+0	WSW	5	o+	79	65	7	2500	Cu	5	ASt	9	*
	1013·0	−1	S	4	c+	61	85	6	4000	StCu	8	–	8	*
Valencia (Cahirciveen)	1010·2	+5	WSW	5	bc−	53	75	8	2500	StCu	3	ACu	5	*
Roches Point	1010·6	+2	WSW	3	o	65	92	8	800	StCu	10	–	10	*
Pembroke (St. Ann's H.)	1012·4	+1	SW	2	ifo	53	97	1	<150	St	10	–	10	*
Ross-on-Wye	1010·4	−2	SW	3	bc⊕	77	55	9	–	–	0	ACu	5	*
Benson	1011·5	+0	–	0	b	81	66	9	–	Cu	4	–	1	*
S. Farnborough	1012·1	−0	WSW	2	bc+	82	55	8	4000	Cu	4	Ci	5	*
London (Kew Obsy.)	1012·0	+0	SW	1	b.	80	45	8	–	–	0	ACu	1	*
Croydon	1012·6	+0	SWS	2	bc/r	81	55	8	5700	StCu	3	CiSt	5	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1012·8	0	SW	1	mbc−	81	45	6	5700	StCu	2	ASt	4	*
Grain	1012·4	−1	SW	2	c+	84	45	8	5700	StCu	7	–	7	*
Lympne	1013·6	−1	S	3	bc+	76	66	8	5700	Cu	1	ACu	4	*
Deal (St. Mary's)	1013·0	+2	WN	1	ifo	55	92	5	450	St	10	–	10	*
Falmouth (Pendennis)	1012·8	0	–	0	ifo	53	97	1	800	St	10	–	10	*
Plymouth (Cattewater)	1012·4	+3	–	0	o−	61	85	8	2500	StCu	9	–	9	*
Portland Hill	1011·7	−1	–	0	b	62	75	6	–	–	0	CiCu	1	*
Southampton (Calshot)	1013·0	−0	SSE	3	b−	66	75	7	5700	StCu	1	ACu	3	*
Dungeness	1014·1	+1	SSW	2	bc+	68	75	8	–	–	0	ACu	5	*
Guernsey	1012·3	−1	SE	2	bc−	75	45	8	–	–	0	CiSt	5	*

Observations at 1800 G.M.T. 23rd

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012·4	−4	SE	3	o	47	85	7	–	–	0	CiSt	9	2
Stornoway	1003·7	−3	SSW	3	orr	53	92	6	450	St	10	–	10	2
Wick	1006·7	−4	SE	4	o/r	48	97	7	450	St	10	–	10	3
Kinloss	1005·0	0	SSW	5	bc/f	52	85	6	1500	St	4	–	4	5
Aberdeen	1005·3	*	–	0	c	61	75	8	4000	Cu	8	–	8	*
Aberdeen	1008·5	−5	SSE	2	fo+	50	97	3	–	St	10	–	10	0
Malin Head														
Renfrew	1007·8	−1	SSW	3	c−	63	65	8	5700	StCu	4	Ci	8	*
Edinburgh (Inchkeith)	1008·0	−3	W	1	ifo	57	85	7	–	Cu	9	–	9	1
Eskdalemuir	1009·6	+1	SSW	4	c	57	85	6	1500	StCu	5	Ci	7	*
Tynemouth	1009·2	−2	W	1	c/r	62	85	5	2500	CuNb	8	–	8	0
Blackpool Point	1009·4	+5	SW	7	bc−	53	92	9	<150	CuNb	6	–	6	
Douglas Head	1009·5	−4	SE	3	o	47	85	7	–	–	0	CiSt	9	2
Barr Castle	1011·2	*	SW	2	c−	57	75	7	4000	Cu	5	CiCu	7	*
Calliagstown	1011·8	+4	W'S	4	o	57	92	8						*
Holyhead	1011·9	+2	SWS	3	c/r	54	85	7	450	St	7	Ci	8	3
Liverpool (Bidston)	1011·2	+2	W	3	c/r	65	75	7	2500	CuNb	5	CiCu	7	3
Chester (Shotwick)	1010·6	+3	WSW	2	c	66	75	8	2500	St	8	[illegible]	8	*
Spurn Head														
Nottingham	1010·9	−2	SE	2	bc	62	85	6	–	–	0	Ci	4	2
Cromwell	1010·4	*	W	1	bc	77	55	7	–	–	0	ACu	6	*
Norfolk	1011·2	−0	SE	4	c	79	65	7	–	–	0	CiSt	8	*
	1012·9	0	SSW	1	b−	60	85	6	–	–	0	CiCu	2	0
Valencia (Cahirciveen)	1012·9	+3	WSW	4	bc−	54	65	8	2500	StCu	3	CiCu	4	3
Roches Point	1012·0	+2	SW	2	bc−	56	75	8	4000	StCu	1	CiSt	5	3
Pembroke (St. Ann's H.)	1013·8	+1	–	0	bc/f	53	92	7	4000	StCu	4	–	4	*
Ross-on-Wye	1010·8	0	SW'S	2	bc	74	65	8	–	–	0	Ci	6	*
Benson	1011·9	−1	SW	2	b	77	65	8	–	–	0	Ci	1	*
S. Farnborough	1011·9	0	SW	2	b−	81	45	8	–	–	0	Ci	2	*
London (Kew Obsy.)	1012·1	0	SSW	2	b	84	35	8	–	–	0	–	0	*
Croydon	1012·6	+0	SSW	2	b+	79	55	8	–	–	0	Ci	3	
Clacton-on-Sea	1012·6	0	ESE	1	b	71	65	6	2500	Cu	1	ASt	3	0
Shoeburyness	1012·6	0	–	0	b−	79	65	8	–	–	0	CiCu	5	*
Grain	1012·4	0	–	0	b−	80	45	8	–	–	0	ACu	1	0
Lympne	1013·1	−1	S	1	b−	74	65	8	–	–	0	ACu	1	*
Deal (St. Mary's)	1014·0	+3	WNW	1	b−	58	85	7	–	–	0	CiSt	3	1
Falmouth (Pendennis)	1013·2	+1	N	4	bc−	57	85	8	2500	Cu	2	CiCu	5	0
Plymouth (Cattewater)	1012·7	+1	NW	3	bc−	61	85	8	2500	StCu	5	–	5	0
Portland Hill	1011·7	0	–	0	b	60	75	6	–	–	0	CiCu	2	0
Southampton (Calshot)	1012·4	−0	SSE	3	bc	65	75	7	–	–	0	Ci	5	0
Dungeness	1013·4	−1	–	0	b−	70	65	7	–	–	0	CiCu	2	2
Guernsey	1012·1	−3	WNW	2	bc−	71	55	7	5700	St	5	–	5	0

London Observations.	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. 3h. G.M.T. %
	24 Hours ended 0900 G.M.T. 24th								Yesterday.		To-day.
Kew (Croydon) 24 hours ended 0700	bcpby	by	bb	*	*	50	–	–	10·6	*	*
Greenwich (Royal Obsy.)	bopy	bcby	by	*	*	54	0·2	–	11·6	*	*
City (Bunhill Row)	bco	bro	cjpbz	89	59	48	–	–	11·5	35	63
Westminster (St. James' Pk.)	*	*	*	*	*	*	–	–	10·9	*	*
Regent's Pk. (Botanic Gdns).	b	bm	bm	86	62	55	–	–	11·0	40	63
Camden Square	*	*	*	*	*	*	*	*	10·1	*	*
Kensington Palace	bc	b	*	89	63	56	–	–	*	*	59
Hampstead Observatory	b	b	*	88	61	53	–	–	*	43 (18th)	58
	*	*	*	85	62	49	–	–	11·4	*	61

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 23rd

South Kensington

Max.	Time.	Min.	Time.
0·3	23h. 22½	<0·3	11-16h. 23rd
0·6	7h. 23rd		

Kew Observatory

Max.	Time.	Min.	Time.
0·3	21h. 22½	?	?
0·6	6h. 23rd		

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .....?..... joules

Average Rate

..... ?.....Milliwatts.

Maximum Rate

.....?.....Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 23rd 21 h. 0 m. to 24th 3 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·0	6·0	100
δ Ursae Minoris	6·0	6·0	100

Radio Disturbances (Atmospherics) at Croydon.†

Time.	Type.	No. per sec.	Stren.	Direc.
10h.	–	–	–	–
12h.	–	–		
14h.	–	–	–	–
16h.	–	–	–	–
	–	–	–	–

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

24th + 25th May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.47	11.50	7.52
	3.46	11.50	7.54
Greenwich	3.59	11.57	7.54
	3.58	11.57	7.56
Wick	3.30	12.9	8.47
	3.29	12.9	8.49
Valencia	3.38	12.38	8.38
	3.37	12.39	8.39

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. EQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

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

A "solidus" divides actual existing weather from preceding conditions, thus :—bcyr = 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.
rpfo = continuous light rain.

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

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

Sea Disturbance.

0=no swell
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.

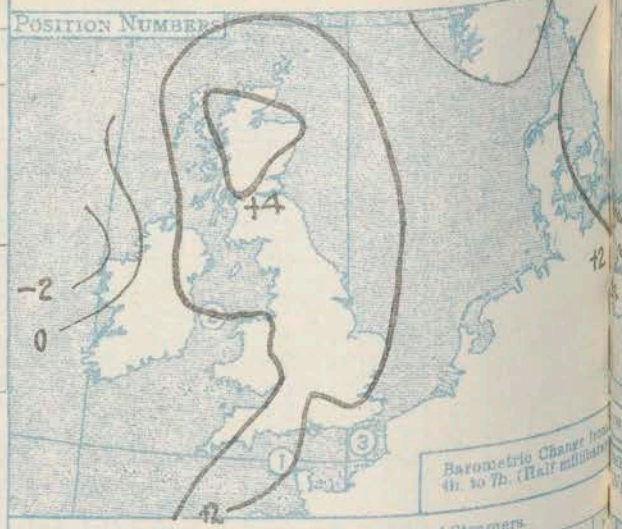
* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.–13h. 23rd	13h.–18h. 23rd	18h. 23rd to 1h. 24th	1h.–7h. 24th	TEMPERATURE. MAX. Day. 7h.–18h.	MIN. Night. 18h.–7h.	MIN. on GRASS	RAINFALL.† Day. 7h.–18h. mm.	Night. 18h.–7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b bc	c	fr nd	b n bc	50	44	*	–	4	–	<2100	* *
Stornoway	oo	p	c	c	56	48	*	1	0·1	–	–	1·9
Wick	c	o r r	o f e b	b n bc	50	45	*	0·4	–	15.30	–	*
Castlebay	o p o m	o m p b c	b c o	o c o	53	49	*	0·3	–	–	–	2·2
Nairn	c g		c i r g	c g b c	62	47	*	–	0·4	–	<2100	2·2
Aberdeen	b c c o	o m m f	o f b m	b n b c c	60	45	34	–	–	–	–	5·4
Malin Head[th]							*					
Renfrew	f m	o l r g	o z		64	43	33	0·2	trace	14.30	–	3·7
Edinburgh (Inchkeith)	oo	i m	oo	c	60	45	41	–	–	–	–	4·3
Eskdalemuir	o d i r	o r o c m	o f c o c	b b c c	61	36	32	1	trace	<0800	–	1·3
Tynemouth	O F F	o F F p t	c t c m t	b c m	62	51	41	0·3	–	12.30	–	*
Blacksod Point ...	c	c	b n b c	c	56	41	*	–	0·2	–	–	*
Donaghadee	b c m	c m	b c	b c m	64	41	*	–	–	–	–	*
Birr Castle	c o	c p r	c o i d	c o i d	61	40	35	0·2	trace	14.30	6.30	3·6
Collinstown	o o	b o	c	o p r	65	44	*	–	trace	–	6.30	3·4
Holyhead	o i m b c o m	m o c m b	c o i f d	o o	61	49	49	–	trace	~~18.30~~	22.00	3·2
Liverpool (Bidston) ...	b c p c o	c b c	b c		73	51	46	1	–	<0800	–	4·7
Chester (Shotwick) ...	b c f o p r m o m	o o	o c b	b o b c	79	45	35	–	–	–	–	*
Spurn Head	c	b. b c	b n b c		62	53	*	–	–	–	–	11·6
Nottingham	m p	p	b c	b n b c	82	55	52	trace	–	11.00	–	9·4
Cranwell	m c	c	c b c	m	81	53	46	–	–	–	–	12·9
Gorleston	b b c c	b c b z	b l	b n b c	69	57	53	–	–	–	–	12·0
Valencia (Cahirciveen)	b n r b c	b c	c o	o d o	55	47	41	0·5	0·4	<0600	2.30	6·7
Roches Point	o p d	o c b c	b c b	b o r	58	49	*	0·2	0·4	11.00	5.30	*
Pembroke (St. Ann's H.)	o f f	o f f b c	o o	F	54	48	*	–	–	–	–	1·3
Ross-on-Wye	m b b c o F T	b c c y	c b	b w	79	52	47	1	–	11.00	–	8·5
Benson...	b c	b c	b b c	b c	84	51	44	–	–	–	–	*
S. Farnborough ..	b c c r b c	b c b y	b m	b m	86	53	47	trace	–	12.30	–	10·5
London (Kew Obsy.) ...	b c p b y	b y	b b	b b w m	86	59	50	–	–	–	–	10·6
Croydon	b o P y.	b c b y	b y	b n b c	84	58	54	0·2	–	12.30	–	11·6
Clacton-on-Sea ..	b c z		b c z	b c z j p	73	61	56	–	–	–	–	12·2
Shoeburyness	b c y z	b c y b	b	b m	88	56	50	–	–	–	–	12·3
Grain	b b c c	c y b y	b b c b c	b c b c b	89	56	48	–	–	–	–	11·3
Lympne	b b c	b b c	b n b c	b n b c	76	61	50	–	–	–	–	13·0
Scilly (St. Mary's)	f f e	f b	o o	f	59	52	*	1	1	–	–	4·6
Falmouth (Pendennis)	o p c o f	o f c b c	b c o m	o m f	61	51	*	1	–	<0800	–	7·4
Plymouth (Cattewater)	o o	b b c	b	b n b c	70	50	49	2	–	<0800	–	11·4
Portland Bill	b. b c	b b c	b n b c	b n b c	64	52	*	–	–	–	–	*
Southampton (Calshot)	c	b. b c	b	b n b c	69	55	52	trace	–	11.00	–	11·0
Dungeness .	b c	b. b c	b n b c	b n b c	72	58	*	–	–	–	–	*
Guernsey	b. b c	c	f m i f	F	79	50	*	–	–	–	–	9·6

ISALLOBARS.

24th MAY 1922



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
1	23rd 1200	"Reindeer"	ESE	1	o/c	61	53
3	24th 0300	"Brighton"	W	1	b	60	54
2	25th 1010	"Hibernia"	.	0	c	53	51

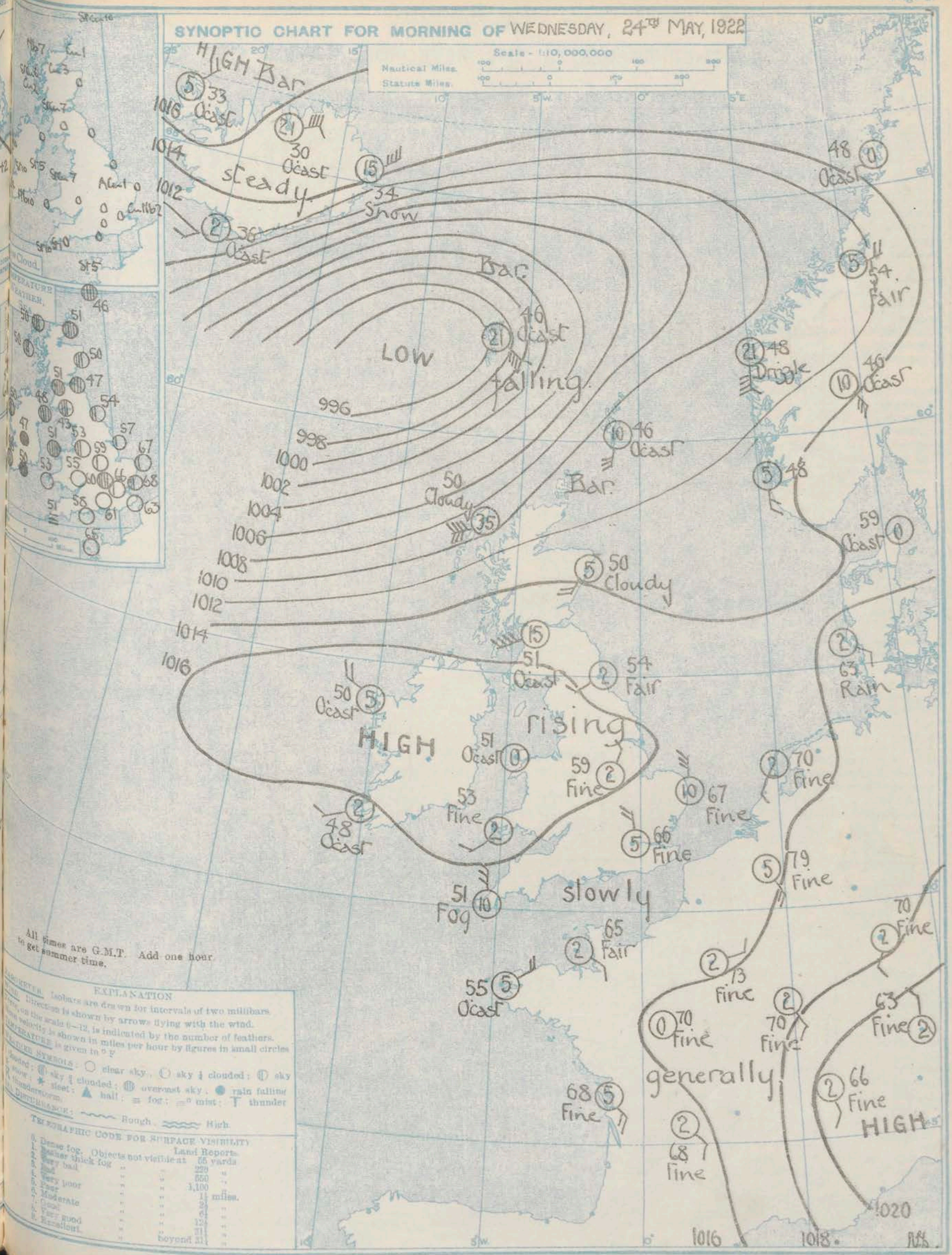
GENERAL INFERENCE.

Depressions skirting the N.W. coasts will maintain unsettled weather with a moderate temperature over Ireland and Scotland. Over England quiet warm weather is likely for some days with very high temperatures in the S.E.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 24th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light indefinite breezes; fine; visibility mainly good; very warm.	Fine and warm over England for some days.
5. S.W. England 6. South Wales	Light indefinite breezes; fair; visibility good inland, some coastal fog; warm.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light variable to westerly winds; variable cloud, local showers; visibility mainly good; warm.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light or moderate westerly winds; mainly cloudy, local showers; visibility mainly good; moderate temperature.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind westerly, fresh at times; cloudy, occasional rain or showers; visibility moderate to good; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	Light indefinite to westerly winds; mainly cloudy, occasional rain or showers; coast mist or fog in places; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 24th May 1922. No. 145

Observations at 0100 G.M.T. 24th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008.3	-2	S	3	od	47	97	1	2500	Nb	10	·	10	·
Stornoway	1005.9	+2	SW	7	o	·	·	5	·	·	·	·	·	·
Wick	1007.4	+3	SW	3	b/f	46	92	8	·	·	0	ACu	1	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head														·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	1012.5	+5	NSW	3	b.	50	85	8	·	St	1	·	1	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1012.9	+3	W	1	b.	55	85	6	·	·	0	ACu	1	·
Blacksod Point	1013.5	+2	NSW	2	bc	48	75	5	·	·	0	CiCu	4	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Collinstown	1016.2	+3	W'S	2	bc-	46	97	·	·	·	0	ASt	4	·
Holyhead	1014.9	+2	SW	3	o/~~f~~	·	·	·	800	St	9	·	9	·
Liverpool (Bidston)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	1013.7	+1	NNW	3	b ~~bc~~	~~56~~	~~92~~	6	-	-	0	ACu	2	-
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1013.6	+3	NNW	3	b	59	97	·	·	·	0	-	0	·
Gorleston	1013.1	0	SW	2	b	60	65	·	4000	CuNb	2	·	2	·
Valencia (Cahirciveen)	1014.9	+2	-	0	b+	49	75	3	!	!	!	!	!	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1015.8	+2	SW	2	c-	51	97	7	4000	StCu	7	·	7	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	·	·	·	·	·	64	·	·	·	·	·	·	·	·
Croydon	1013.9	+1	-	0	b-	62	85	8	·	·	0	·	0	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1013.9	+1	-	0	b	67	~~92~~ 80	8	4000	StCu	2	·	2	·
Scilly (St. Mary's)	1015.7	+1	-	0	0	53	97	7	1500	8C	10	-	10	*
Falmouth (Pendennis)	1015.3	+1	N	2	o+	52	97	5	2500	St	10	·	10	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1012.8	+2	NNE	2	b-	58	92	7	·	·	0	·	0	·
Southampton (Calshot)	1014.3	+1	NNW	1	b.	57	92	8	·	·	0	·	0	·
Dungeness	1013.8	0	-	0	b	60	85	8	4000	Cu	3	·	3	·
Guernsey	1014.9	+4	-	0	mmb	59	92	5	-	·	0	Ci	2	·

Observations at 0700 G.M.T. 24th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010.3	+2	S'W	3	o	46	92	6	-	StCu	10	·	10	2
Stornoway	1008.8	+4	WSW	7	c	50	75	6	2500	Nb	7	·	7	6
Wick	1011.0	+4	SW	3	o+	51	85	8	4000	Cu	1	CiSt	9	0
Castlebay	1013.2	+3	WSW	4	Ci	50	85	6	2500	StCu	8	·	8	4
Nairn	1012.2	·	W	2	bc/r	53	65	8	4000	Cu	3	CiCu	6	·
Aberdeen	1013.9	+4	SW	2	Ci	50	65	6	-	·	0	ACu	8	0
Malin Head														
Renfrew	1015.8	+4	WSW	4	o	51	75	6	4000	StCu	7	CiSt	9	3
Edinburgh (Inchkeith)	1014.9	+3	WSW	4	o+	47	85	7	-	·	0	ACu	8	·
Eskdalemuir	1016.7	+3	-	0	c	43	85	7	-	·	0	ASt	8	0
Tynemouth	1015.8	+3	SW	1	bc	54	85	6	·	·	0	ASt	6	
Blacksod Point	1017.3	-2	NW	2	o	50	85	9	-	St	10	·	10	1
Donaghadee	1017.1	+3	NNW	1	o-	48	85	7	-	·	0	ASt	9	0
Birr Castle	1016.6	·	SW	1	od	47	97	6	450	St	10	·	10	·
Collinstown	1017.8	+2	·	0	o/r	47	97	7	2500	St	5	ASt	10	·
Holyhead	1016.8	+2	-	0	o-	51	85	7	1500	StCu	7	ACu	9	0
Liverpool (Bidston)	1016.8	+2	W'N	2	bc	53	85	7	·	·	0	CiSt	4	3
Chester (Shotwick)	1015.7	+3	NNW	1	bc-	57	75	9	2500	StCu	4	ACu	6	·
Spurn Head	1016.2	+3	NNW	3	b	57	92	7	·	·	0	CiCu	2	2
Nottingham	1016.2	·	NE	1	b	59	85	6	·	·	0	Ci	3	·
Cranwell	1016.4	+3	NNW	3	mmb	57	85	6	·	·	0	ACu	2	·
Gorleston	1014.2	+1	N	3	b-	67	65	6	·	·	0	CiCu	2	0
Valencia (Cahirciveen)	1015.9	+1	W'S	1	o	48	92	8	5700	St	4	ASt	10	0
Roches Point	1016.5	+1	-	0	o/f	50	92	8	4000	Nb	10	·	10	0
Pembroke (St. Ann's H.)	1016.7	+1	SW	1	b/f	53	92	7	-	·	0	ACu	3	·
Ross-on-Wye	1016.2	+2	NNW	1	b	55	85	9	-	·	0	·	0	·
Benson	1015.8	+2	-	0	o+	60	92	6	·	·	0	ASt	10	·
S. Farnborough	1015.2	+2	SW	2	b	61	92	7	·	·	0	·	0	·
London (Kew Obsy.)	1015.7	+3	N	2	b	66	75	6	·	·	0	ACu	1	0
Croydon	1015.5	+2	·	0	b	66	85	6	·	·	0	Ci	2	·
Clacton-on-Sea	1014.8	+2	NNE	1	bc	68	75	6	1500	CuNb	2	CiCu	4	0
Shoeburyness	1015.4	+1	·	0	mb-	69	75	6	·	·	0	ACu	1	·
Grain	1015.4	+3	·	0	b	69	75	6	·	·	0	ACu	3	0
Lympne	1014.7	+1	-	0	b	71	75	6	·	·	0	-	0	·
Scilly (St. Mary's)	1015.7	0	SSE	1	om	54	97	6	4000	StCu	10	-	10	10
Falmouth (Pendennis)	1015.8	+1	N	3	ffo	51	97	1	1500	St	10	·	10	1
Plymouth (Cattewater)	1016.0	+2	-	0	b-	54	85	8	450	St	1	·	1	0
Portland Bill	1014.6	+2	·	0	b	58	85	7	-	·	0	·	0	0
Southampton (Calshot)	1015.6	+2	N	2	b	60	85	6	-	·	0	·	0	0
Dungeness	1015.0	+1	-	0	b-	63	85	7	-	·	0	·	0	2
Guernsey	1015.5	+2	ESE	1	mmbc	65	45	5	450	St	6	·	6	2

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

Stations	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 22nd	Temperature. Max. Day. 23rd	Rainfall.† Night 17h.-9h. 22nd-23rd	Rainfall.† Day 9h.-17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset 22nd
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	o	o	40	58	-	-	1.2	12.4
Montrose	bco	of	36	51	-	-	4.1	9.1
Llandudno	cc	cb	49	68	-	-	6.1	4.1
Colwyn Bay	cbc	bcb	53	73	-	-	8.4	2.4
Rhyl	bcc	bcb	54	72	-	-	6.8	1.9
Southport	ocopc	cbc	52	71	-	0.2	3.7	3.4
Blackpool	co	c	49	71	-	-	6.0	3.2
Harrogate	b	b	52	75	0.2	-	5.1	8.2
Skegness	b	b	53	83	-	-	11.5	12.4
Aberystwyth	ooc	bco	53	66	-	-	2.0	1.5
Bath	bbcc	bbc	57	63	-	-	10.0	7.1
Leamington Spa	b	bc	58	84	-	-	9.5	8.6
Lowestoft	bbc	bcb	52	72	-	-	10.8	13.3
Felixstowe	bc	bz	55	59	-	-	10.3	13.9
Southend	bcb	bcby	59	67	-	-	13.1	13.1
Paignton	bccm	bc	54	75	-	-	11.2	8.9
Ilfracombe	oc	coc	52	70	1	1	3.2	1.7
Bude	op	o	53	69	1	0.2	3.2	3.6
Penzance	cbc	bc	52	63	2	-	4.5	3.5
Falmouth Observatory	cb	bc	52	68	5	-	5.9	2.9
Torquay	b	b	56	73	-	-	10.7	6.6
Weymouth	cbc	bc	56	74	-	-	10.8	9.0
Bournemouth	b	b	54	74	-	-	11.0	10.0
Portsmouth (S'thsea)	bc	b	60	76	-	-	8.4	11.5
Worthing	bc	b	60	78	-	-	10.0	12.5
Brighton	b	b	61	77	-	-	10.5	12.9
Eastbourne	b	b	61	76	-	-	11.5	13.7
Hastings	b	bbcb	64	76	-	-	11.1	14.8
Folkestone	b	b	60	80	-	-	11.5	14.3
Tunbridge Wells	bcb	bb	53	87	-	-	10.2	13.3
Ramsgate	b	b	?	84	-	-	10.2	14.0
Margate	b	cb	57	87	-	-	10.7	13.8
Deal	b	b	58	85	-	-	11.3	14.6

* 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.22,099 THURSDAY, 25th MAY 1922.

Observations at 1300 G.M.T. 24th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1012.3	+3	SW'S	6	c	51	85	7	–	/–	0	A.St	8	*
Stornoway	1013.7	+6	WSW	5	o+	52	75	6	450	St	10	–	10	*
Wick	1013.3	+3	W	3	o	55	66	8	–	–	0	Ci	9	*
Castlebay	1016.5	+2	W	4	mmbc	52	75	6	2500	StCu	6	–	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1016.0	+1	SE'S	2	o+	59	65	7	–	–	0	ACu	10	*
Malin Head														*
Renfrew	1017.6	+2	SW	2	or₀	65	65	7	4000	St	10	–	10	*
Edinburgh (Inchkeith)	1016.9	+1	W.SW	3	or₀	52	75	7	–	St	10	–	10	*
Eskdalemuir	1017.2	+1	WSW	2	o	56	55	8	7250	StCu	3	ACu	7	*
Tynemouth	1017.3	+1	SE	2	b	55	85	7	2500	St	2	CiCu	3	*
Blacksod Point	1016.4	+1	SW'S	2	o-	55	65	9	<150	StCu	9	-	9	*
Donaghadee	1016.0	+1	S	2	opr₀	50	85	7	2500	St	10	-	10	*
Birr Castle	1016.4	*	SW	1	od₀d₀	52	92	7	450	St	10	–	10	*
Collinstown	1018.7	+0	ENE	2	o	53	85	7	4000	St	6	A.St	10	*
Holyhead	1017.1	-1	N.E'N	3	o-	57	75	8	4000	StCu	7	ASt	9	*
Liverpool (Bidston)	1016.4	-1	NW	1	b~	59	65	8	4000	St	2	CiCu	3	*
Chester (Shotwick)	1015.7	-1	WNW	2	o+	65	65	6	4000	Cu	7	CiSt	9	*
Spurn Head	1017.3	+1	NE	3	b	61	65	6	–	–	0	–	0	*
Nottingham	1015.4	*	E	2	b	75	65	7	4000	Cu	1	Ci	2	*
Cranwell	1016.5	-0	ESE	4	bc+	72	75	7	4000	Cu	4	–	4	*
Gorleston	1016.1	+1	NNE	4	mmb	62	75	6	–	–	0	–	0	*
Valencia (Cahirciveen)	1015.6	-1	E'S	2	o/r	54	75	8	1500	St	6	ASt	10	*
Roches Point	1016.8	0	ESE	3	or₀r₀	51	92	7	2500	Nb	10	–	10	*
Pembroke (St. Ann's H.)	1017.3	+1	W	2	bc+	54	85	7	–	–	0	ACu	6	*
Ross-on-Wye	1014.7	-2	SW	3	b-	74	55	7	6700	Cu	1	CiCu	2	*
Benson	1015.0	-1	SW	2	b-	81	55	7	–	Cu	1	–	1	*
S. Farnborough	1015.0	-0	SW	2	b+	65	45	8	5700	Cu	1	Ci	2	*
London (Kew Obsy.)	1015.1	-1	S	1	b	83	45	7	–	–	0	–	0	*
Croydon	1014.9	-2	S	2	b	84	45	7	–	–	0	–	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1016.2	+1	ESE	2	mmb	67	75	6	–	–	0	–	0	*
Grain	1016.1	+0	ENE	2	b	66	75	7	–	–	0	–	0	*
Lympne	1015.8	-0	S'E	2	b-	75	65	8	–	–	0	–	0	*
Scilly (St. Mary's)	1016.0	+1	–	0	o	58	87	7	4000	StCu	10	–	10	*
Falmouth (Pendennis)	1017.1	0	SSE	2	ffbc	57	92	3	1500	St	6	–	6	*
Plymouth (Cattewater)	1016.5	0	SSW	1	bc	59	85	7	–	–	0	ASt	6	*
Portland Bill	1015.8	+1	E	2	b+	61	65	6	–	–	0	CiCu	3	*
Southampton (Calshot)	1016.6	-1	SSW	2	c+	71	55	7	–	–	0	ACu	7	*
Dungeness	1016.0	+1	S	2	b-	68	75	7	–	–	0	CiCu	1	*
Guernsey	1016.4	-3	–	0	mmb	65	75	5	–	–	0	CiSt	3	

Observations at 1800 G.M.T. 24th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1013.6	-1	WSW	6	o	49	85	7	4000	Cu	2	A.St	10	6
Stornoway	1016.2	+3	W	4	o	52	65	6	800	St	10	–	10	3
Wick	1016.4	+3	W	2	o	54	65	8	4000	Cu	5	A.St	9	0
Castlebay	1017.6	+1	SW	3	b	52	75	7	4000	StCu	1	–	1	3
Nairn	1016.7	*	W	1	c+	56	55	8	1500	Cu	8	–	8	*
Aberdeen	1017.1	+1	–	0	o	53	85	6	–	–	0	A.St	10	0
Malin Head														
Renfrew	1018.6	+1	WSW	1	or₀r₀	50	85	6	4000	Nb	10	–	10	*
Edinburgh (Inchkeith)	1017.1	+1	W	3	or₀	51	85	6	–	St	10	–	10	2
Eskdalemuir	1017.1	0	–	0	o	56	65	8	–	–	0	ACu	10	*
Tynemouth	1017.6	0	SE	1	o	62	85	7	–	–	0	ASt	10	0
Blacksod Point	1016.4	0	NW	3	c	54	85	8	<150	StCu	8	–	8	1
Donaghadee	1018.1	+1	ENE	1	o+	49	92	6	–	–	0	A.St	10	0
Birr Castle	1016.8	*	S	1	o-	56	92	8	4000	Nb	9	–	9	*
Collinstown	1016.8	+0	E	3	o/r	51	92	7	2500	StCu	6	ASt	9	*
Holyhead	1017.5	+1	NE	3	or₀	52	75	8	–	–	0	A.St	10	0
Liverpool (Bidston)	1017.0	+1	NNW	2	c+	55	75	8	1500	StCu	8	–	8	3
Chester (Shotwick)	1016.1	+2	WNW	3	c	57	75	7	4000	St	5	ACu	8	*
Spurn Head	1016.6	-1	ENE	4	c+	58	85	6	2500	CuNb	3	ASt	7	3
Nottingham	1015.0	*	E	2	bc-	69	75	7	2500	Nb	2	A.Cu	6	*
Cranwell	1016.1	-0	NE	3	bc/tl	65	85	7	4000	CuNb	2	Ci	4	*
Gorleston	1016.1	0	N'E	2	bcjp	55	85	6	4000	Nb	3	CiSt	5	0
Valencia (Cahirciveen)	1015.5	0	SE'S	3	o	56	85	8	1500	St	7	ASt	10	0
Roches Point	1016.9	0	SE	2	odd	51	97	5	800	Nb	10	–	10	0
Pembroke (St. Ann's H.)	1017.9	+1	S	3	cjp	53	85	7	4000	Nb	7	–	7	*
Ross-on-Wye	1015.1	-1	SW	1	c+	72	65	7	4000	CuNb	2	CiCu	8	*
Benson	1014.8	0	WSW	1	bc	79	65	8	–	–	0	Ci	5	*
S. Farnborough	1015.2	0	SW	2	b	81	55	8	–	–	0	Ci	3	*
London (Kew Obsy.)	1015.0	+1	SW	2	b	83	45	8	4000	Cu	1	–	1	*
Croydon	1014.7	+0	SSW	3	b+	81	55	8	4000	CuNb	1	Ci	2	
Clacton-on-Sea	1015.9	0	ENE	3	b	62	75	6	1500	Cu	1	CiSt	3	0
Shoeburyness	1015.5	-1	N.E	1	mb+	63	85	5	–	–	0	CiSt	1	*
Grain	1015.3	-1	N.E	1	b	62	85	6	4000	Cu	1	Ci	2	0
Lympne	1015.6	0	SSW	3	b	72	75	8	–	–	0	CiSt	1	*
Scilly (St. Mary's)	1017.2	+1	–	0	o	56	85	7	4000	StCu	10	–	10	0
Falmouth (Pendennis)	1016.5	0	N	2	c/f	58	85	5	2500	St	5	ACu	7	0
Plymouth (Cattewater)	1016.4	0	–	0	o	57	92	7	2500	StCu	8	CiCu	9	0
Portland Bill	1015.8	0	–	0	b	60	65	6	–	–	0	CiCu	3	0
Southampton (Calshot)	1016.0	0	WSW	2	bc-	72	55	8	–	–	0	Ci	4	0
Dungeness	1015.8	0	WSW	2	b	61	85	7	–	–	0	–	0	2
Guernsey	1016.7	-2	W	4	mc	63	75	6	4000	CuNb	8	–	8	1

London Observations — 24 Hours ended 0900 G.M.T. 25th

London Observations	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)
Kew	Dmmbz	by	bb	*	*	51	-	10	13.1	*	*
Croydon (24 hours ended 0700)	bzy	by	bycl	*	*	53	-	5	13.3	*	*
Greenwich (Royal Obsy.)	bz	bbc	bo/r	91	58	47	-	3	12.8	39	79
City (Bunhill Row)	*	*	*	*	*	*	*	*	12.6	*	*
Westminster (St. James' Pk.)	d	b	bo	87	63	56	2		13.3	43	78
Regent's Pk. (Botanic Gdns).	*	*	*	*	*	*	*	*	12.6	*	*
Camden Square	bz	b	*	90	63	58	-	5	*	*	61
Kensington Palace	b	b	*	88	63	55	-	6	*	48(15h)	73
Hampstead Observatory	bc	b	*	85	61	49	-	2	13.2	*	73

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

South Kensington			
Max.	Time.	Min.	Time.
0.3 / 0.6	21-23h 23rd / 11-12h 24th	<0.3	15-16h 24th
Kew Observatory			
Max.	Time.	Min.	Time.
0.5	10h 24th	<0.3	16-24h 23rd

Solar Radiation. Vertical component per square centimetre. During yesterday. South Kensington.

Total .... joules
Average Rate .... Milliwatts.
Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy. Exposure from 24th 21 h. 0 m. to 25th 3 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	6.0	6.0	100
δ Ursae Minoris	6.0	5.56	99

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. 25th & 26th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.46 / 3.45	11.50 / 11.50	7.54 / 7.56
Greenwich	3.58 / 3.57	11.57 / 11.57	7.56 / 7.57
Wick	3.29 / 3.28	12.9 / 12.9	8.49 / 8.51
Valencia	4.37 / 4.36	12.38 / 12.38	8.39 / 8.40

Beaufort Notation of Weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

Sea Disturbance.
0=no swell, 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 5.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24th	13h.-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. Hours.
Lerwick	b.bc	c	r.d	c	51	44	•	–	trace	–	<2100	•
Stornoway	c	oo	b.b.bc	bc	53	36	•	–	–	–	–	2.8
Wick	oo	oo	b.b.bc	b.b.bc	57	38	•	–	–	–	–	•
Castlebay	m	cmb	b	bo	52	49	•	–	–	–	–	12.2
Nairn	bc	cg	bex	bc	57	39	•	–	–	–	–	2.2
Aberdeen	co	oo	oir.m	ir.om	59	49	47	–	0.3	–	<2100	0.9
Malin Head[b]	p						•					
Renfrew	oir	oir.o	bemc	6offw	56	36	30	tr.	0.1	12.30	–	3.8
Edinburgh (Inchkeith)	oo	oo	c	F	53	43	36	trace	0.1	17.30	6.30	8.5
Eskdalemuir	coy	oo	orob	b	53	39	34	–	0.2	–	2200	1.7
Tynemouth	b.bc	c	mop.	cm	59	49	48	–	0.2	–	<2100	
Blacksod Point ...	c	c	oo	oo	57	52	•	1	0.3	<0800	–	•
Donaghadee	cmp	cir	om	cm	55	41	•	0.2	–	11.00	–	•
Birr Castle	odr	cdr	co	cd	57	52	51	1	–	<0800	–	0.0
Collinstown	b.bc	r.d	c	oo	55	45	•	0.2	–	09.00	–	0.3
Holyhead	oco	oco r.	ocb	bbe	57	47	44	trace	–	17.30	–	3.0
Liverpool (Bidston) ...	b.bc	g o	cb		61	49	43	–	–	–	–	8.9
Chester (Shotwick) ...	c	c	cboo	ocb	69	47	36	–	–	–	–	•
Spurn Head	b.bc	b.bc	c	p	64	50	•	–	trace	–	3.30	11.6
Nottingham	b.bc	tl p	cp.	oo	78	53	52	trace	trace	14.30	<2100	7.7
Cranwell	mb	bt bc	cbcrc	oroum	73	52	51	–	0.1	–	–	13.0
Gorleston	bz	b.bcz	b.b.bc	bczr	68	52	47	–	–	–	–	12.5
Valencia (Cahirciveen)	oiro	oido	o	omd	56	53	53	0.3	1	<0800	1.30	0.0
Roches Point	orr	rdm	d.	d.off	53	51	•	2	0.6	<0800	<2100	•
Pembroke (St. Ann's H.)	b.bc	c	c	b.b.bc	57	49	•	–	–	–	–	7.8
Ross-on-Wye	b.bc.bz	bcy.bzc	oco	oc	77	55	52	–	–	–	–	11.2
Benson...	bcb	bc	bc	rlr	83	61	55	0.2	5	–	1.30	•
S. Farnborough ...	bz bz	bcby	byco	rlroir.	88	59	52	–	5	–	3.30	13.3
London (Kew Obsy.)...	bwmbz	by	bb	bofRom.	86	62	51	–	10	–	4.30	13.1
Croydon	bzy	by	bycl	bcm bcoTLR	86	60	53	–	5	–	4.30	13.3
Clacton-on-Sea ...	bcz		bcz	bccz	71	52	49	–	–	–	–	13.8
Shoeburyness... ...	bm	bm	bm	bcorl	75	52	48	–	–	–	–	13.5
Grain	b.bc	bzm	b.bcb	berlr	73	48	44	–	0.4	–	6.30	13.5
Lympne	b.bc	b.bc	b.b.bc	bobccc	77	53	50	–	–	–	–	14.2
Scilly (St. Mary's)	oo	oo	oo	f	59	53	•	–	0.4	–	–	0.3
Falmouth (Pendennis)	cmbcm	cfcm	cmo	om	59	52	•	–	–	–	–	5.0
Plymouth (Cattewater)	b.bc	c	bcc	b.b.bc	62	54	48	–	–	–	–	10.5
Portland Bill ...	b.bc	b.bc	cbr	rF	64	54	•	–	0.4	–	3.30	•
Southampton (Calshot)	b.bc	c	bbcch	rlr	79	57	57	–	1	–	1.30	13.9
Dungeness	b.bc	b.bc	b.b.bc	b.b.bc	69	55	•	–	–	–	–	•
Guernsey	f.m	f.m	r.d	f.am	73	53	•	–	–	–	–	11.5

ISALLOBARS.

25th MAY

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	24th ?	"Hibernia	NNE	2	ov	52	50
3	25th 0100	"Dieppe	SW	1	b	55	56

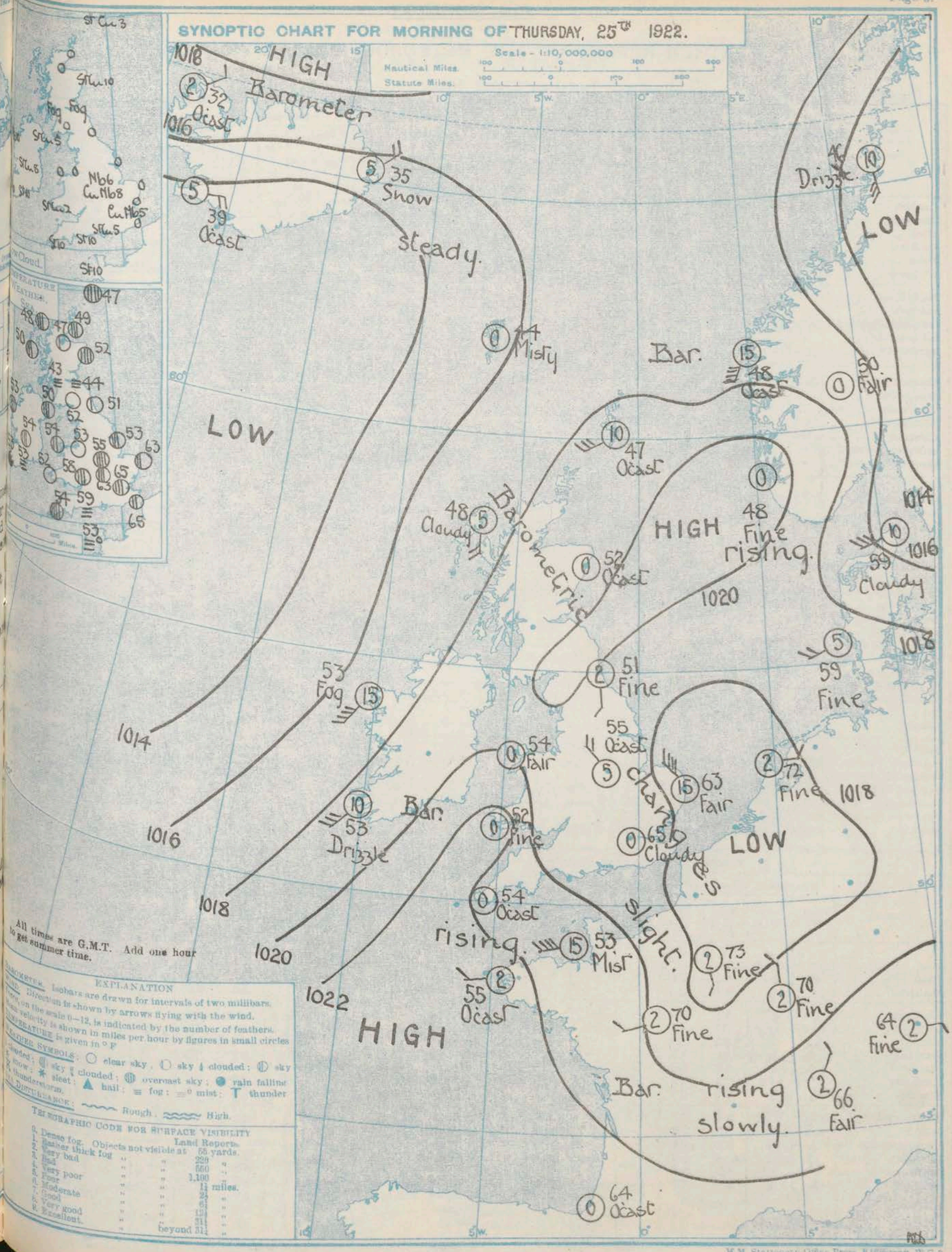
GENERAL INFERENCE.

A warm southwesterly wind current indicated over the Atlantic will probably cause some rise of temperature with further rain or showers over Ireland and Scotland. Conditions over England will remain favourable for the development of thunderstorms but in most places weather will be fine and warm and high temperatures will continue in the Midlands and Southeast.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 25th May, 1922.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light and indefinite; mainly fine, thunder in places; visibility moderate or good inland, some mist or fog on coasts; temperature continuing high inland.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind indefinite or southwesterly, light or moderate; variable cloud; visibility moderate or good inland, some coastal mist or fog; rather warm.
9. N. Midlands 10. N.E. England	Same as 1 to 4.
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 south to southwest, light or moderate; mainly cloudy, rain or showers in places; visibility moderate to good inland; coastal mist or fog; temperature rising somewhat.

Further Outlook.

Mainly fine and warm over England for the next few days.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...THURSDAY, 25th MAY.....1922. No. 145.

Observations at 0100 G.M.T. 25th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1015.8	+3	WSW	5	0	46	85	6	5700	StCu	5	ASt	10	*
Stornoway	1019.2	+2	-	0	b-	*	*	6	*	*	*	*	*	*
Wick	1018.3	+1	W	1	b-	41	97	8	-	-	0	ACu	1	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1019.0	0	NW	1	mb-	48	92	6	-	St	3	-	3	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1019.1	+1	SSW	1	o/r	50	92	6	4000	Nb	10	-	10	*
Blacksod Point	1016.3	+1	SSW	3	ifo	54	85	3	-	Nb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1019.8	0	-	0	c+	48	97	7	4000	StCu	5	ASt	8	*
Holyhead	1018.4	+1	-	0	b	*	*	8	-	-	0	ASt	3	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1018.6	+1	NNW	3	0	50	92	6	1500	St	10	-	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1018.3	+3	N'E	2	o/r	53	97	6	2500	StCu	9	-	9	*
Gorleston	1016.5	0	-	0	b-	53	92	6	-	-	0	-	0	*
Valencia (Cahirciveen)	1017.1	+1	E	3	o+	54	85	4	?	?	?	?	?	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1019.1	0	NW	1	bc	50	92	8	5700	StCu	4	-	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	64	*	*	*	*	*	*	*	*
Croydon	1017.2	+1	WSW	1	bc-	64	85	8	2500	CuNb	1	Ci	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1016.7	+2	-	0	b	61	85	8	-	-	0	-	0	*
Scilly (St. Mary's)	1018.8	0	-	0	om	53	97	6	800	St	10	-	10	*
Falmouth (Pendennis)	1019.4	+2	NNW	3	o/f	53	97	8	2500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1016.7	+1	-	0	bcr	58	85	7	1500	StCu	5	-	5	*
Southampton (Calshot)	1017.2	-1	-	0	o+	60	85	8	4000	CuNb	9	-	9	*
Dungeness	1016.7	0	-	0	b	56	97	7	-	-	0	-	0	*
Guernsey	1019.1	+6	W	3	mwo	59	92	5	450	St	10	-	10	*

Observations at 0700 G.M.T. 25th

Stations.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1018.4	+4	WSW	3	0	47	85	7	5700	StCu	3	ASt	9	2
Stornoway	1017.1	-1	S	2	c+	48	85	6	4000	Nb	8	-	8	0
Wick	1018.8	+1	E	1	c+	49	92	8	-	-	0	Ci	7	0
Castlebay	1017.3	0	SE	4	c-	50	85	6	1500	St	8	-	8	4
Nairn	1018.8	*	-	0	b-	47	75	8	-	-	0	Ci	9	*
Aberdeen	1019.8	+1	-	0	o/r	52	85	6	4000	StCu	10	-	10	0
Malin Head														*
Renfrew	1020.2	+1	-	0	ffo	43	97	2	450	St	10	-	10	1
Edinburgh (Inchkeith)	1019.8	+2	W	1	Ffb	44	97	1	-	--	0	-	10	0
Eskdalemuir	1020.2	+1	-	0	b	52	75	6	-	-	0	-	0	0
Tynemouth	1019.9	+1	S	1	b-	51	85	7	-	-	0	ASt	3	*
Blacksod Point	1016.3	-1	SSW	4	mo+	53	97	7	-	Nb	10	-	10	3
Donaghadee	1019.8	+2	SW	1	c-	50	85	8	4000	StCu	5	ACu	8	0
Birr Castle	1018.5	*	S	1	c-	54	97	7	4000	StCu	8	-	8	*
Collinstown	1020.7	+1	ESE	2	o	51	92	8	2500	StCu	10	-	10	*
Holyhead	1020.0	+2	-	0	bc	54	75	8	-	-	0	ASt	4	0
Liverpool (Bidston)	1019.7	+1	W	1	b-	53	85	8	-	-	0	-	0	1
Chester (Shotwick)	1018.7	+3	NW	1	b-	58	65	9	-	-	0	ACu	1	*
Spurn Head	1019.6	+1	N	3	c	53	92	7	-	-	0	ASt	8	3
Nottingham	1019.9	*	NNW	2	o	55	85	6	2500	Nb	6	ASt	10	*
Cranwell	1019.2	0	WNW	3	o/r	55	92	6	4000	StCu	6	CiSt	9	*
Gorleston	1017.6	0	NNW	4	bc+	63	85	6	-	-	0	CiCu	6	0
Valencia (Cahirciveen)	1019.0	+4	SW	3	odg	53	97	5	225	St	10	-	10	0
Roches Point	1019.9	+3	SE	1	ffo	53	97	2	450	St	10	-	10	0
Pembroke (St. Ann's H.)	1022.1	+3	-	0	b	52	85	8	4000	StCu	2	-	2	*
Ross-on-Wye	1019.2	+2	NW	2	bc-	58	75	6	5700	StCu	1	ACu	6	*
Benson	1018.4	+3	-	0	c/rlr	63	97	6	-	CuNb	8	-	8	*
S. Farnborough	1018.7	+3	W	2	oPR	65	92	7	2500	Nb	9	-	9	*
London (Kew Obsy.)	1018.8	+2	-	0	c/rlr	65	85	6	2500	CuNb	5	CiSt	7	*
Croydon	1018.7	+2	-	0	o/rlr	65	85	5	4000	CuNb	7	ACu	9	*
Clacton-on-Sea	1017.0	+1	N	3	c+	66	75	6	-	-	0	ACu	7	0
Shoeburyness	1018.0	+1	-	0	orlr	65	75	6	800	CuNb	7	ACu	9	*
Grain	1018.1	+2	ENE	3	crlr	63	85	7	2500	CuNb	8	-	8	0
Lympne	1019.2	+3	NNW	3	orl	66	85	6	4000	CuNb	8	ACu	9	*
Scilly (St. Mary's)	1020.1	+1	SSW	1	fgo	58	97	2	1500	St	10	-	10	0
Falmouth (Pendennis)	1020.9	+4	-	0	o	54	97	7	2500	St	10	-	10	0
Plymouth (Cattewater)	1020.8	+4	-	0	b	56	75	8	-	-	0	-	0	1
Portland Bill	1019.9	+2	W	2	Fo+	59	85	1	450	St	10	-	10	0
Southampton (Calshot)	1019.4	+3	W	3	mo	57	97	4	5700	StCu	5	CiCu	8	0
Dungeness	1018.9	+2	NNW	2	bc	65	85	6	-	-	0	CiCu	6	2
Guernsey	1021.2	+4	W	4	mo+	53	92	5	450	St	10	-	10	4

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 23rd °F.	Temperature. Max. Day. 24th °F.	Rainfall.† Night 17h.-9h. 23rd-24th mm.	Rainfall.† Day 9h.-17h. 24th mm.	Sunshine. Sunrise to 17h. 24th hr.	Sunshine. Sunrise to Sunset 23rd hr.
Banff	0	c0	46	60	-	-	3.5	1.2
Montrose	0	0	44	61	-	-	1.3	4.1
Llandudno	c	c	48	57	-	-	3.4	8.4
Colwyn Bay	cbc	bcc	52	57	-	-	5.3	10.9
Rhyl	bc	c	50	59	-	-	6.8	9.0
Southport	bcc	cbcoc	51	58	-	-	7.8	5.6
Blackpool	cbc	c	51	60	-	-	5.8	6.5
Harrogate	b	bco	49	59	-	-	9.2	7.4
Skegness	b	b	55	63	-	-	12.0	13.4
Aberystwyth	occ	bbc	52	59	0.3	-	7.0	2.7
Bath	mb	bbcco	52	59	-	-	6.9	10.7
Leamington Spa	b	b	53	82	-	-	11.4	11.1
Lowestoft	b	b	54	65	-	-	11.4	12.5
Felixstowe	bz	bz	60	68	-	-	12.1	12.4
Southend	b	b	64	75	-	-	11.5	11.6
Paignton	b	bcc	52	63	-	-	10.4	12.5
Ilfracombe	of	of	50	55	1	-	0.0	3.2
Bude	obc	bcof	51	59	-	-	2.9	7.3
Penzance	bc	bcc	53	62	-	-	3.5	7.5
Falmouth Observatory	ber	bcc	51	61	-	-	4.7	12.6
Torquay	b	bcb	52	68	-	-	10.3	13.0
Weymouth	b	bc	52	73	-	-	7.7	
Bournemouth	b	b	52	77	-	-	10.0	12.7
Portsmouth (S'thsea)	b	b	58	79	-	-	11.8	10.2
Worthing	b	b	57	75	-	-	12.0	11.8
Brighton	b	b	59	72	-	-	11.6	12.3
Eastbourne	b	b	59	78	0.1	-	12.2	13.3
Hastings	b	b	61	77	0.3	-	12.	13.1
Folkestone	b	b	59	80	-	-	11.8	13.0
Tunbridge Wells	b	b	58	86	-	-	11.8	11.8
Ramsgate	b	b	64	75	-	-	12.1	11.5
Margate	b	b	61	69	-	-	11.8	12.0
Deal	b	b	60	83	-	-	12.3	12.8

* 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.22,100 FRIDAY, 26th MAY 1922. Page 1

Observations at 1300 G.M.T. 25th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1019.0	+1	S	3	c	50	85	7	4000	Cu	1	A.St	7	·
Stornoway	1016.0	-1	S	4	o+	54	95	6	450	St	10	—	10	·
Wick	1017.4	-2	SSE	1	o	51	92	7	—	—	0	A.St	10	·
Castlebay	1016.8	0	SSE	4	mmo	50	97	6	800	St	10	—	10	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1019.1	+0	S	3	c ⊕	57	75	6	—	—	0	Ci.St	7	·
Malin Head														·
Renfrew	1019.8	-1	SSW	3	o	64	65	7	3500	St	10	—	10	·
Edinburgh (Inchkeith)	1019.3	-3	W	1	c/f	60	95	8	—	StCu	3	Ci	7	·
Eskdalemuir	1019.6	0	SW	3	c	64	55	7	5700	StCu	7	Ci	8	·
Tynemouth	1020.3	+1	S	2	b	56	85	7	—	—	0	CiCu	2	·
Blacksod Point	1017.9	+1	S'W	6	mo-	55	85	7	<150	—	0	ASt	10	·
Donaghadee	1020.1	0	SSE	2	bc	58	75	8	—	—	0	CiCu	5	·
Birr Castle	1019.6	·	S.W	2	c-	65	85	8	4000	StCu	5	Ci	7	·
Collinstown	1021.3	0	SE'S	3	o	60	85	7	4000	StCu	9	—	9	·
Holyhead	1021.5	+1	SW	3	bc	61	65	8	4000	Cu	1	Ci	5	·
Liverpool (Bidston)	1021.2	+1	NW'N	1	bc+	59	65	7	1500	StCu	2	CiSt	4	·
Chester (Shotwick)	1019.9	+1	WNW	4	bc+	68	55	8	5700	StCu	1	Ci	5	·
Spurn Head	1021.3	+2	NNE	3	o	59	75	7	4000	StCu	10	—	10	·
Nottingham	1019.8	·	E	2	b-	71	75	7	—	—	0	Ci	3	·
Cranwell	1020.2	+1	N'W	3	b	68	85	6	4000	Cu	1	A.Cu	2	·
Gorleston	1020.4	+3	SE	3	ctl	59	85	6	4000	CuNb	8	—	8	·
Valencia (Cahirciveen)	1021.1	+1	S	4	c-	59	85	7	1500	StCu	8	—	8	·
Roches Point	1021.9	+2	SE	3	ifo	56	97	1	<150	St	10	—	10	·
Pembroke (St. Ann's H.)	1025.1	+2	SW	2	b	57	85	8	4000	StCu	2	Ci	6	·
Ross-on-Wye	1019.5	+1	W'N	2	bc+	74	55	7	5700	StCu	3	Ci	4	·
Benson	1019.8	+1	NW	1	c	74	75	7	—	Cu	7	—	7	·
S. Farnborough	1019.4	+1	WSW	3	bc-	79	65	7	2500	Cu	6	Cu	6	·
London (Kew Obsy.)	1019.9	0	WSW	1	c/r	77	55	7	5700	Cu	7	—	7	·
Croydon	1019.6	0	—	0	o+	74	75	6	4000	StCu	9	—	9	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1020.9	+3	—	0	ctlr₀	66	85	7	800	CuNb	5	A.Cu	8	·
Grain	1021.2	+3	—	0	ctl	65	85	7	2500	Cu	8	—	8	·
Lympne	1020.6	+1	ESE	3	c-	70	75	6	4000	CuNb	7	—	7	·
Scilly (St. Mary's)	1023.5	+4	W	1	o	59	85	8	2500	St	10	—	10	·
Falmouth (Pendennis)	1022.8	+4	W	3	o/f	61	85	8	4000	StCu	10	—	10	·
Plymouth (Cattewater)	1022.6	+2	SSW	1	b	59	92	7	4000	StCu	1	Ci	3	·
Portland Bill	1020.6	+1	W	2	b-	59	85	7	—	—	0	—	0	·
Southampton (Calshot)	1021.0	+2	WSW	4	b/t	67	75	7	800	Cu	1	—	1	·
Dungeness	1020.8	+2	S	1	b	63	85	7	—	—	—	CiCu	3	·
Guernsey	1022.9	+2	W	4	o	59	95	7	5700	St	5	A.St	10	

Observations at 1800 G.M.T. 25th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1017.3	-3	SSW	3	o+	49	85	7	—	—	0	ASt	10	2
Stornoway	1013.5	-3	SSW	5	o	54	92	6	450	St	10	—	10	4
Wick	1015.4	-2	S	1	o	52	92	7	—	—	0	ASt	10	0
Castlebay	1014.6	-2	SSW	4	mo	51	97	6	1500	St	10	—	10	4
Nairn	1016.0	·	W	2	c+	63	65	8	4000	Cu	8	—	8	·
Aberdeen	1017.8	-2	S'W	4	c	56	75	6	—	—	0	ASt	7	0
Malin Head														·
Renfrew	1019.1	0	WSW	2	o·	60	75	7	7200	StCu	7	ACu	9	·
Edinburgh (Inchkeith)	1018.5	-1	SSE	1	o	60	65	7	—	Cu	8	ACu	10	1
Eskdalemuir	1019.7	+1	SSW	4	c	60	65	8	4000	StCu	2	Ci	8	·
Tynemouth	1020.3	0	S	2	c-	57	75	6	4000	CuNb	8	—	8	0
Blacksod Point	1016.4	-2	S'W	7	mo+	54	85	7	<150	Nb	10	—	10	8
Donaghadee	1019.0	-1	SE	1	c-	54	85	8	—	—	0	ASt	8	0
Birr Castle	1019.1	·	SW	2	bc-	67	75	8	4000	Cu	6	—	6	·
Collinstown	1020.3	-1	SSW	2	bc-	67	75	8	4000	Cu	3	CiSt	6	·
Holyhead	1021.4	-1	SSW	4	b-	55	85	8	—	—	0	Ci	3	3
Liverpool (Bidston)	1021.7	+1	NW	2	b	61	65	8	—	—	0	Ci	2	1
Chester (Shotwick)	1020.2	0	WNW	3	bc-	63	65	8	—	—	0	ACu	5	·
Spurn Head	1020.7	-1	NE	1	c	54	92	8	1500	St	5	ASt	8	1
Nottingham	1020.0	·	ENE	1	b	68	75	6	—	—	0	Ci	3	·
Cranwell	1020.3	0	ENE	2	o	69	85	6	2500	StCu	9	—	9	·
Gorleston	1019.9	0	S'W	3	btl	63	85	9	4000	CuNb	2	—	2	1
Valencia (Cahirciveen)	1021.2	0	S	4	o+	56	85	7	800	St	7	ASt	10	4
Roches Point	1022.1	0	SW	4	o+	56	85	6	1500	StCu	9	—	9	3
Pembroke (St. Ann's H.)	1023.5	0	W.NW	2	fo	54	92	1	<150	St	10	—	10	·
Ross-on-Wye	1020.0	0	WNW	2	c+	72	65	9	4000	StCu	1	Ci	7	·
Benson	1019.9	-1	W	1	b	74	55	7	—	Cu	2	—	2	·
S. Farnborough	1019.9	0	WNW	2	mmd	76	65	6	4000	Cu	9	—	9	·
London (Kew Obsy.)	1020.2	-1	S.E	1	b	75	55	8	—	—	0	—	0	·
Croydon	1020.2	-1	S'W	3	b-	71	75	7	—	—	0	—	0	·
Clacton-on-Sea	1021.1	0	S	1	btl	63	85	6	2500	CuNb	3	—	3	0
Shoeburyness	1020.9	0	SW	1	b/tlr	71	75	7	—	—	0	—	0	·
Grain	1020.9	-1	SSW	2	btl	68	75	7	—	—	0	—	0	0
Lympne	1021.5	0	S.SE	2	b-	60	92	6	—	—	0	A.Cu	1	·
Scilly (St. Mary's)	1024.1	+2	WNW	3	ifo	54	92	7	1500	St	10	—	10	0
Falmouth (Pendennis)	1024.4	+2	NW	3	o	58	92	8	4000	StCu	10	—	10	0
Plymouth (Cattewater)	1023.1	+2	WSW	1	o	59	85	7	1500	StCu	9	—	9	0
Portland Bill	1020.8	0	W	3	b	58	85	7	—	—	0	—	0	3
Southampton (Calshot)	1021.3	+1	WSW	6	b	59	85	7	—	—	0	Ci	3	0
Dungeness	1021.6	0	SW	3	b/f	56	92	7	—	—	0	—	0	3
Guernsey	1024.9	0	WNW	3	o	55	85	8	—	—	0	ASt	10	1

London Observations

24 Hours ended 0900 G.M.T. 26th (Humidity: Yesterday / To-day)

London Observations	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	ompbzcp	cybcb	bb	·	·	49	-	-	8.9	·	·
Croydon (24 hours ended 0700)	o/rlcbez	o/rlcRob	bcb	·	·	51	3	-	6.8	·	·
Greenwich (Royal Obsy.)	cr	o/r/rh cbz	bo	77	54	47	8	-	6.2	73	89
City (Bunhill Row)	·	·	·	·	·	·	·	·	4.9	·	·
Westminster (St. James' Pk.)	bc	bc	m	75	54	50	12		5.8	73	87
Regent's Pk. (Botanic Gdns).	·	·	·	·	·	·	·	·	6.4	·	·
Camden Square	rl	o.b	·	82	54	52	-	-	·	·	95
Kensington Palace	c.b	b	·	75	54	55	5	-	·	69	87
Hampstead Observatory	bc	b	·	76	52	46	-	-	7.8	·	93

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
0.3 / <0.3	20-23h.24th / 9-21h.25th	0.6	3h.25th
Kew Observatory			
Max.	Time.	Min.	Time.
0.3 / 0.5	22h.24th / 6h.25th	<0.3	24h.24th

Solar Radiation.
Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... - ..... Joules

Average Rate ..... - ..... Milliwatts.

Maximum Rate ..... - ..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 25th 21 h. 0 m. to 26th 3 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	6.0	6.0	100
δ Ursae Minoris	6.0	6.0	100

Radio Disturbances (Atmospherics) at Croydon.¹

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.

26th & 27th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.45 / 3.44	11.50 / 11.50	7.56 / 7.57
Greenwich	3.57 / 3.56	11.57 / 11.57	7.57 / 7.58
Wick	3.28 / 3.26	12.9 / 12.9	8.51 / 8.53
Valencia	4.36 / 4.35	12.38 / 12.38	8.40 / 8.41

Beaufort Notation of Weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

Sea Disturbance.

0 = no swell, 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

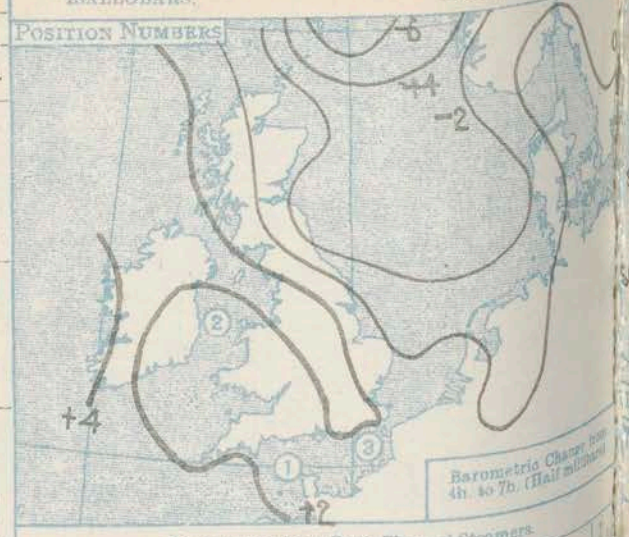
¹ For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 25th	13h.-18h. 25th	18h. 25th to 1h. 26th	1h.-7h. 26	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b.bc	c	r or d	r or d	52	46	•	–	3	–	<2100	•
Stornoway	c	oo	r or d	p	56	49	•	–	1	–	•	3.3
Wick	oo	oo	oo	oo	53	49	•	–	–	–	•	•
Castlebay	opff	opfom	omopo	ocb	52	49	•	0.2	0.2	–	•	2.8
Nairn	b bc	c	cg	cgc	68	56	•	–	•	–	•	9.3
Aberdeen	obm	bccm	om	om	59	53	51	–	–	–	•	8.4
Malin Head[b]	offo	oco	cor		65	54	49	trace	1	–	4.30	2.2
Renfrew					64	52	50	–	trace	–	•	5.9
Edinburgh (Inchkeith)	c	oo	oo	oo	64	52	50	–	0.3	–	<2100	11.4
Eskdalemuir	bzcy	cyoyc	coc	codfe	65	48	41	–	–	–	•	•
Tynemouth	bbc	m	cm	bbcm	58	52	45	–	–	–		
Blacksod Point ...	f.m	oo	oo	oo	58	50	•	0.2	0.1	?	5.30	•
Donaghadee	bc	bc	bcm	cm	62	52	•	–	–	–	•	•
Birr Castle	co	cp r	coir	co	70	55	53	trace	1	1430	•	6.3
Collinstown	c	c	c	c	69	53	•	•	•	•	•	0.3
Holyhead	bc	bcv	bcofo	comof	61	49	48	–	–	–	•	12.0
Liverpool (Bidston) ...	b.bc	b	b or bc		63	52	45	–	–	–	•	13.0
Chester (Shotwick) ...	bbc	bccbc	bcb	bbc	69	49	38	•	•	•	•	•
Spurn Head ...	c	c	f or m		61	51	•	–	–	–	•	5.1
Nottingham	c	b.bc	bc	c	72	57	43	–	–	–	•	6.1
Cranwell	omc	bcb	bcmbF	bmbo	72	52	47	–	–	–	•	8.7
Gorleston	otlrc	ctlrb	bcc	bm	73	54	47	2	–	0900	•	6.4
Valencia (Cahirciveen)	oc	c	omo	orbco	60	53	51	–	2	–	2400	1.1
Roches Point	iF	fbco	oo	ofo	61	53	•	0.2	trace	15.30	•	•
Pembroke (St. Ann's H.)	bbc	c	ofc	oo	57	50	•	–	–	–	•	10.4
Ross-on-Wye	bz	bcyzc	cv bc.b	bwbcoc	76	51	48	–	•	–	•	11.3
Benson...	c	bc	bc	bo	78	52	44	trace	•	?	•	•
S. Farnborough ...	p	bcycoz	ombom	om	81	51	45	0.3	•	<0800	•	9.0
London (Kew Obsy.)...	ompbzcpy	cybcb	bb	omw	79	54	49	–	•	–	•	8.9
Croydon	otlcbcz	otloRob	bcb	baF	76	52	51	3	•	13.30	•	6.8
Clacton-on-Sea ...	cb	pbc	bcz	bcbzw	69	56	50	0.4	•	<0800	•	8.5
Sheeburyness	cirtl	cthRbcb	bm	bcm	73	54	49	2	•	?	•	7.1
Grain	TLRH	ctbcb	bbc	bbc	72	54	47	3	•	<0800	•	8.0
Lympne	bcompr	cbcbtm	b or bc	mF	70	~~45~~ 51	44	0.4	•	0900	•	9.0
Scilly (St. Mary's) ...	c	oo	oo	oo	61	53	•	trace	–	–	–	2.4
Falmouth (Pendennis)	omo	o	od	o	61	52	•	–	•	–	•	0.0
Plymouth (Cattewater)	bbc	bbc	bbc	oo	62	53	52	–	•	–	•	11.9
Portland Bill	fb	b.bc	b or bc	b.o	60	51	•	–	•	–	•	•
Southampton (Calshot)	f.m	bbc	b or bc	c	68	51	49	–	•	–	•	11.5
Dungeness	c	f.m.	b or bc	F	71	51	•	–	•	–	•	•
Guernsey ...	oo	oo	c	form	63	52	•	–	•	–	•	0.2

ISALLOBARS.

26th MAY 1922



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	25th 1010	"Hibernia"	SE	1	oc	52	51
1	25th 1200	"Reindeer"	WSW	4	o/f	55	53
3	26th 0300	"Brighton"	W	3	ffb	52	52

GENERAL INFERENCE.

A definite westerly wind current over the whole of the British Isles, associated with a deep depression approaching the Faroes, will cause much cooler weather than of late over England with a temporary freedom from thunder. Further rain or showers are likely in the North and North-West but conditions will be mainly fair over the southern half of England.

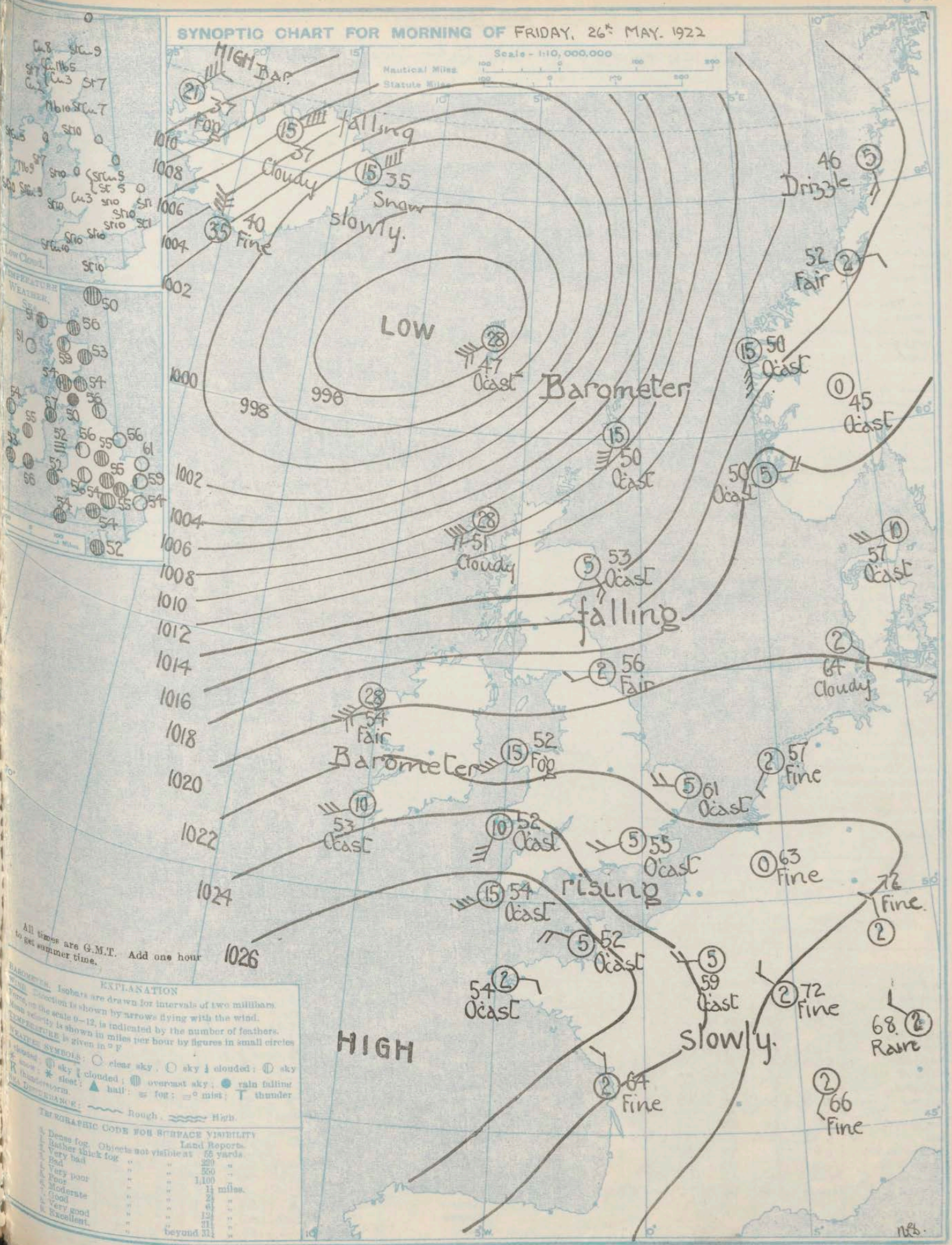
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday 26th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate westerly winds; fair or cloudy; visibility good inland, coastal mist in places; cooler.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind westerly, moderate, fresh at times; variable cloud, some showers; visibility good inland, coastal mist in places; cooler.	Cooler generally for a day or two.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind westerly, fresh; mainly cloudy, occasional drizzle or showers; visibility mainly good; lower temperature.	
14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Strong south-westerly winds, veering west or north-west; cloudy or dull, some rain; visibility mainly good; lower temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light or moderate westerly winds; variable cloud, occasional showers; visibility mainly good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.10 GMT

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

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF FRIDAY, 26th MAY. 1922



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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. 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 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

		Land Reports.
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	" "	31½ "
9. Excellent.	" "	beyond 31½ "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... FRIDAY, 26th MAY ... 1922. No. 146

Observations at 0100 G.M.T. 26th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012.8	-5	SSW	3	odd	47	97	6	4000	Nb	10	·	10	·
Stornoway	1008.9	-4	SW	7	or.r.	·	·	5	·	·	·	·	·	·
Wick	1010.5	-5	SW	1	0	51	97	8	5700	StCu	10	·	10	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head														·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	1016.1	-3	SW	2	0	56	75	8	·	StCu	9	·	9	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	1019.5	-1	W	1	b	55	85	6	·	·	0	ACu	2	·
Blacksod Point ...	1015.8	-1	SW'S	5	fo-	53	97	2	·	·	0	ASt	10	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Collinstown	1020.8	+1	SSW	2	bc-	53	92	8	4000	St	2	ASt	6	·
Holyhead	1021.3	-1	SSW	4	c	·	·	6	800	St	8	·	8	·
Liverpool (Bidston) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	1021.0	+1	S	1	b	52	92	6	-	—	0	—	0	·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	1021.7	+1	SSE	2	mb-	53	97	4	-	·	0	·	0	·
Gorleston	1021.2	+1	-	0	b-	54	92	7	-	·	0	·	0	·
Valencia (Cahirciveen)														·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	1024.5	+2	SW	3	b	53	92	8	·	·	0	·	0	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)...	·	·	·	·	·	61	·	·	·	·	·	·	·	·
Croydon	1022.1	0	WSW	2	b-	60	85	8	-	·	0	·	0	·
Clacton-on-Sea ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	1021.9	+1	-	0	b	52	97	6	-	·	0	·	0	·
Scilly (St. Mary's) ...	1025.0	+1	WSW	1	0	52	97	8	4000	Stcu	10	—	10	*
Falmouth (Pendennis)	1025.4	+1	NW	3	0	52	97	8	4000	StCu	10	·	10	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	1023.2	+2	NW	2	b	57	85	7	·	·	0	·	0	·
Southampton (Calshot)	1023.4	+1	WNW	3	b	55	85	8	·	·	0	·	0	·
Dungeness	1022.1	+1	SW	2	b	53	97	8	·	·	0	·	0	·
Guernsey	1024.9	+2	W	4	c	54	85	7	·	·	0	ASt	8	·

Observations at 0700 G.M.T. 26th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008.0	-7	SSW	4	o/r	50	97	6	-	-	0	ASt	10	3
Stornoway	1009.8	+2	WSW	6	c/r	51	75	6	4000	Cu	8	·	8	4
Wick	1009.1	-1	SW	3	o-	56	85	8	5700	StCu	9	·	9	1
Castlebay	1013.3	+2	WSW	5	b	51	85	7	2500	St	2	·	2	4
Nairn	1010.5	·	W	4	c	59	65	8	4000	CuNb	8	·	8	·
Aberdeen	1012.7	-1	SSE	2	o	53	92	6	2500	St	7	ASt	10	0
Malin Head														·
Renfrew	1016.2	+1	WSW	4	o/r	54	92	6	1500	Nb	10	·	10	·
Edinburgh (Inchkeith)	1014.0	-2	WSW	4	o+	54	85	8	-	StCu	7	ACu	10	4
Eskdalemuir	1017.6	-2	SSW	4	odd	50	97	4	4150	St	10	·	10	·
Tynemouth	1018.1	-2	WSW	1	bc	56	85	6	-	·	0	ACu	4	0
Blacksod Point ...	1019.7	+4	SW	6	bc-	54	85	8	-	StCu	5	·	5	7
Donaghadee	1017.6	+2	W	3	o+	57	85	7	·	·	0	AST	10	2
Birr Castle	1021.3	·	W	3	o+	55	97	6	4000	Nb	9	·	9	·
Collinstown	1020.9	+1	SW	4	o+	57	97	8	2500	St	7	AST	9	·
Holyhead	1021.2	0	SW'S	4	ffo	52	?	3	4150	St	10	·	10	·
Liverpool (Bidston) ...	1021.5	0	SW	3	b	56	85	9	-	·	0	Ci	2	3
Chester (Shotwick) ...	1020.6	0	SW	4	bc+	57	75	9	1500	St	3	ACu	5	·
Spurn Head	1021.0	0	-	0	mb-	56	92	5	-	-	0	-	0	0
Nottingham	1022.1	·	W	4	c	57	85	6	1500	CuNb	3	ACu	7	·
Cranwell	1021.8	+2	WSW	4	o	53	92	7	800	St	9	·	9	·
Gorleston	1020.7	0	W'N	2	b	61	85	6	-	·	0	·	0	0
Valencia (Cahirciveen)	1023.8	+5	W'S	3	o+	53	92	7	800	St	10	·	10	3
Roches Point	1022.9	+1	WNW	2	o-	56	92	8	800	StCu	9	·	9	0
Pembroke (St. Ann's H.)	1024.5	+1	SSW	3	o	52	97	7	2500	St	10	·	10	3
Ross-on-Wye	1023.4	+1	W	1	bc-	56	75	8	4000	Cu	3	Ci	6	·
Benson...	1023.3	+2	W	1	o	55	92	6	-	St	10	·	10	·
S. Farnborough ...	1023.5	+2	W	2	mo	54	75	6	800	St	10	·	10	·
London (Kew Obsy.)...	1023.5	+2	WSW	2	o	55	85	6	4000	St	10	·	10	·
Croydon	1023.4	+2	W'N	2	fo+	53	97	2	4150	St	10	·	10	·
Clacton-on-Sea ...	1021.8	+1	W	3	b	59	65	2	1500	St	1	·	1	0
Shoeburyness	1022.5	+1	NW	1	mmbc	61	75	5	-	·	0	CiSt	4	·
Grain	1022.4	+2	WSW	2	bc	61	85	6	-	·	0	Ci	5	0
Lympne	1023.0	+2	SW	1	b-	56	97	6	225	St	1	CiSt	2	·
Scilly (St. Mary's) ...	1026.1	+1	SW'W	3	150	56	97	6	2500	Stcu	10	-	10	2
Falmouth (Pendennis)	1026.1	+1	W'S	4	o	54	92	7	4000	StCu	10	·	10	0
Plymouth (Cattewater)	1026.0	+2	NW	3	o-	55	85	8	1500	St	10	·	10	3
Portland Bill	1024.0	+1	NW	3	o+	54	85	7	450	St	10	·	10	0
Southampton (Calshot)	1024.5	+2	NNW	4	o+	54	85	8	800	StCu	10	·	10	3
Dungeness	1023.0	+1	SW	3	b/f	54	97	7	-	-	0	Ci	3	3
Guernsey	1026.6	+1	WNW	2	mo-	52	92	6	800	St	10	·	10	2

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 24th	Temperature. Max. Day. 25th	Rainfall.† Night 17h.-9h. 24th-25th	Rainfall.† Day 9h.-17h. 25th	Sunshine. Sunrise to 17h. 25th	Sunshine. Sunrise to Sunset. 24th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	b bc	cbc	43	65	-	-	9.5	3.5
Montrose	c bc	bc	48	57	0.1	-	8.5	1.3
Llandudno	bc	bc	41	63	-	-	9.3	3.4
Colwyn Bay ...	bc	b	46	59	-	-	10.1	5.6
Rhyl...	bcb	b	47	63	-	-	11.8	6.8
Southport	b bc	b bc	48	62	0.2	-	10.2	6.2
Blackpool	c	bc	46	62	0.2	-	7.8	6.2
Harrogate	b	b	46	71	-	-	7.6	9.2
Skegness	bcb	bbcc	52	62	5	-	8.3	12.7
Aberystwyth ...	b	bc	48	60	-	-	10.5	8.0
Bath	b bc	b	55	73	0.3	-	9.3	6.9
Leamington Spa ...	cb	b	56	77	-	-	6.5	11.4
Lowestoft	otlr	c	53	69	2	1	5.1	11.4
Felixstowe	bctlr	bcb	52	67	0.4	1	4.8	12.6
Southend	ptmb	ptbc	56	72	0.2	2	4.6	12.8

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 24th	Temperature. Max. Day. 25th	Rainfall.† Night 17h.-9h. 24th-25th	Rainfall.† Day 9h.-17h. 25th	Sunshine. Sunrise to 17h. 25th	Sunshine. Sunrise to Sunset. 24th
			°F	°F	mm.	mm	hr.	hr.
Paignton ...	b	bc	54	73	-	-	12.3	10.6
Ilfracombe	b	b	50	58	-	-	12.1	0.5
Bude	o	o	49	63	-	-	1.6	2.9
Penzance	ofc	bcc	52	63	0.3	-	0.2	3.9
Falmouth Observatory	o	o	53	63	-	-	0.1	5.1
Torquay	b	b	54	72	-	-	12.0	11.0
Weymouth	b	d	54	68	6	-	11.2	8.0
Bournemouth	b	b	56	75	1	-	11.0	11.5
Portsmouth (S'thsea)	b	b	59	73	1	-	10.2	13.8
Worthing	bcc	b	59	67	-	-	10.2	13.6
Brighton	bmb	bcb	56	61	0.2	-	6.4	13.6
Eastbourne	cbc	b	58	72	0.2	-	9.5	14.1
Hastings	ctobc	bctob	61	74	0.2	-	8.5	14.2
Folkestone	bcc	bcb	54	70	-	-	9.1	13.0
Tunbridge Wells ...	oc	ortlh	59	75	9	25	4.4	13.5
Ramsgate	bc	b	54	67	-	-	7.1	14.1
Margate	tlc	cbcb	55	69	-	-	5.1	13.7
Deal	cm	bcb	56	69	-	-	6.2	13.8

* 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. 22101. SATURDAY 27th MAY 1922.

Observations at 1300 G.M.T. 26th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1007·5	0	W'S	8	b	51	75	7	4000	Cu	1	-	1	·
Stornoway	1010·9	+1	W	6	oPR-	49	55	6	450	St	10	-	10	·
Wick	1010·3	+0	W	5	cjp	57	65	8	2500	Nb	8	·	8	·
Castlebay	1016·3	+4	WSW	5	bc-	50	92	6	1500	StCu	6	-	6	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1013·2	+1	WSW	4	bc	65	45	8	4000	Cu	4	-	4	·
Malin Head	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Renfrew	1018·9	+3	W	6	c	58	75	7	2500	StCu	8	-	8	·
Edinburgh (Inchkeith)	1015·4	+1	W	5	c-	55	65	8	-	StCu	3	Ci	7	·
Eskdalemuir	1018·7	+2	W'N	6	bc-	59	55	8	2500	StCu	4	Ci	5	·
Tynemouth	1018·9	0	SW	3	bc-	62	75	7	4000	CuNb	6	-	6	·
Blacksod Point	1024·5	+3	W	5	bc	56	85	8	-	CuNb	4	-	4	·
Donaghadee	1021·2	+3	W	3	bc	63	55	8	4000	Cu	3	Ci	5	·
Birr Castle	1024·2	·	W	1	bc-	60	85	8	4000	Cu	6	-	6	·
Collinstown	1024·1	+2	W	4	c	62	75	8	2500	StCu	7	Ci	8	·
Holyhead	1023·4	+3	W'N	4	b/r	61	65	8	4000	Cu	1	Ci	2	·
Liverpool (Bidston)	1022·4	+2	W	5	bc-	59	85	7	1500	StCu	6	-	6	·
Chester (Shotwick)	1021·8	+2	WNW	4	o	64	65	8	1500	St	10	-	10	·
Spurn Head	1020·8	0	W	4	c+	66	85	6	4000	Cu	5	Ci	7	·
Nottingham	1022·3	·	W	3	o+	67	75	7	800	Nb	9	-	9	·
Cranwell	1021·7	+0	WSW	5	bc	69	75	7	4000	StCu	4	ACu	5	·
Gorleston	1021·[illegible]	+0	WNW	3	bc+	71	65	6	4000	CuNb	2	Ci	4	·
Valentia (Cahirciveen)	1028·9	+3	W'S	4	bc+	56	85	7	1500	StCu	4	ACu	6	·
Roches Point	1026·2	+4	NW	3	bc-	64	65	8	4000	Cu	3	Ci	4	·
Pembroke (St. Ann's H.)	1025·7	+2	WSW	3	bc/f	55	92	3	2500	St	4	-	4	·
Ross-on-Wye	1023·7	0	WSW	1	o+	65	75	8	4000	StCu	9	-	9	·
Benson	1023·7	+0	WNW	2	o	?70	75	7	-	StCu	10	-	10	·
S. Farnborough	1023·5	+0	WNW	3	bc-	70	55	7	2500	Cu	5	Ci	6	·
London (Kew Obsy.)	1023·6	-1	W	4	/f	66	55	7	5700	Cu	1	CiSt	3	·
Croydon	1023·6	-1	WNW	3	bc	66	65	7	4000	Cu	1	Ci	6	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	1023·0	+1	NW	1	mmb	67	65	5	-	-	0	CiSt	3	·
Grain	1023·0	-0	WSW	3	b-	67	65	5	-	-	0	Ci	1	·
Lympne	1023·5	+1	W	3	mbc	65	85	6	1500	St	1	CiSt	6	·
Scilly (St. Mary's)	1027·2	+1	W'N	3	o	60	85	6	4000	StCu	10	-	10	·
Falmouth (Pendennis)	1026·5	0	W	4	odo	62	85	7	4000	StCu	9	-	9	·
Plymouth (Cattewater)	1026·5	+0	W	1	o	57	92	7	1500	StCu	10	·-	10	·
Portland Bill	1025·8	+1	W'N	4	o	55	85	6	450	St	10	-	10	·
Southampton (Calshot)	1025·0	+1	NW'N	4	o	63	75	8	1500	StCu	10	-	10	·
Dungeness	1023·5	0	SW	4	bc+	60	85	7	-	-	0	Ci	4	·
Guernsey	1027·6	0	WNW	3	o	59	75	7	-	-	0	ASt	10	·

Observations at 1800 G.M.T. 26th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1006·8	-1	W'S	8	o/r	48	75	6	4000	Nb	3	ASt	10	7
Stornoway	1014·5	+3	W	6	bc-	50	65	6	4000	Nb	6	-	6	5
Wick	1012·7	+2	W	7	bc	53	65	8	4000	Cu	6	-	6	3
Castlebay	1020·6	+4	W	5	bc	50	75	7	2500	Cu	5	-	5	5
Nairn	1016·0	·	WSW	7	bc-	54	55	8	4000	Cu	5	-	5	·
Aberdeen	1016·2	+3	W'S	4	b-	59	55	8	4000	Cu	1	-	1	3
Malin Head	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Renfrew	1022·5	+4	W	4	c	54	75	8	1500	StCu	8	-	8	·
Edinburgh (Inchkeith)	1018·5	+4	W	6	b-	54	75	8	-	StCu	2	-	2	5
Eskdalemuir	1021·9	+2	WNW	6	b	54	65	8	2500	StCu	2	-	2	·
Tynemouth	1020·9	+3	WNW	3	b	64	55	7	4000	Cu	3	-	3	1
Blacksod Point	1027·1	+3	WNW	4	b	56	85	7	-	CuNb	3	-	3	4
Donaghadee	1023·9	+2	W	3	bc	61	65	8	4000	Cu	4	-	4	2
Birr Castle	1026·8	·	SW	2	c+	58	75	8	4000	StCu	4	CiCu	7	·
Collinstown	1026·9	+3	W'N	3	c	61	65	8	4000	Cu	4	CiSt	7	·
Holyhead	1025·4	+2	WNW	3	b+	61	55	8	4000	StCu	1	Ci	3	3
Liverpool (Bidston)	1024·7	+2	W	4	b	61	55	8	-	-	0	-	0	4
Chester (Shotwick)	1024·1	+3	WNW	5	b+	63	55	9	4000	Cu	1	Ci	2	·
Spurn Head	1023·1	+3	W	4	b	61	85	6	4000	Cu	2	-	2	3
Nottingham	1024·2	·	WNW	4	b-	64	55	7	-	-	0	Ci	1	·
Cranwell	1023·1	+2	WNW	4	c	65	75	7	4000	Cu	7	-	7	·
Gorleston	1021·8	0	NW	2	c+	59	85	6	4000	CuNb	7	-	7	0
Valentia (Cahirciveen)	1029·4	+1	WNW	3	bc-	55	75	7	1500	StCu	3	CiCu	36	3
Roches Point	1027·9	+3	NW	3	bc	60	65	8	-	-	0	Ci	5	0
Pembroke (St. Ann's H.)	1027·3	+1	WNW	2	bc	55	85	7	-	-	0	Ci	4	3
Ross-on-Wye	1024·7	+1	NW'W	3	b-	65	65	9	4000	Cu	1	Ci	3	·
Benson	1024·2	0	WSW	2	b	67	75	7	-	StCu	3	-	3	·
S. Farnborough	1024·5	+0	W	2	o	68	65	6	2500	Cu	9	-	9	·
London (Kew Obsy.)	1024·0	+1	W	1	bc	70	55	8	-	-	0	ACu	3	·
Croydon	1024·0	+1	NW'W	2	c-	67	65	8	4000	StCu	7	-	7	·
Clacton-on-Sea	1023·2	+1	WNW	4	bc	70	55	7	2500	Cu	3	CiCu	5	0
Shoeburyness	1023·6	0	NW	1	b/f	69	55	7	-	-	0	ACu	2	·
Grain	1023·4	0	NW	2	bc+	69	65	8	4000	Cu	3	CiCu	4	0
Lympne	1023·7	+0	SSW	3	c+	63	85	6	5700	StCu	6	CiSt	7	·
Scilly (St. Mary's)	1027·8	+1	NW'N	2	c-	58	85	7	4000	StCu	6	-	6	2
Falmouth (Pendennis)	1026·3	+1	W	3	bc-	58	92	7	4000	Cu	6	-	6	0
Plymouth (Cattewater)	1027·3	+1	NW	2	c-	60	85	8	1500	StCu	8	-	8	0
Portland Bill	1025·8	0	W'S	5	o	55	85	6	450	St	10	-	10	3
Southampton (Calshot)	1025·5	+1	NNW	5	o-	65	65	8	4000	StCu	9	-	9	0
Dungeness	1023·4	0	SW	3	bc	56	97	7	-	·	0	Ci	4	4
Guernsey	1027·7	+2	W	4	o	57	85	7	4000	St	10	-	10	3

LONDON OBSERVATIONS. 24 Hours ended 0900 G.M.T. 27th (Sunshine and 15h. humidity: Yesterday; 9h. humidity: To-day)

Stations	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	omby	bcyby	bcbb	·	·	38	-	-	6·9	·	·
Croydon (24 hours ended 0700)	ofmbc	bcbzc	cm	·	·	42	-	-	6·5	·	·
Greenwich (Royal Obsy.)	c	bbo	cb	74	52	39	-	-	7·3	53	55
City (Bunhill Row)	·	·	·	·	·	·	·	·	7·3	·	·
Westminster (St. James' Pk.)	bc	bc	b	73	53	46	-	-	7·9	57	55
Regent's Pk. (Botanic Gdns).	·	·	·	·	·	·	·	·	6·8	·	·
Camden Square	o	bc	·	75	51	47	-	-	·	·	55
Kensington Palace	bc	bc	·	72	50	42	-	-	·	60 (18h.)	55
Hampstead Observatory	bc	bc	·	71	51	40	-	-	6·3	·	55

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

South Kensington Max.	Time.	Min.	Time.
0·3	17-20h.25th	<0·3	2-4h.26th
0·3	6-10h.26th		

Kew Observatory Max.	Time.	Min.	Time.
0·5	23h.25th	<0·3	1h.26th
0·5	7h.26th		

SOLAR RADIATION. Vertical component per square centimetre. During yesterday. South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 21 h 0 m. to 27th 3 h 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	6·0	4·42	78
δ Ursae Minoris	6·0	4·41	78

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

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. 27th & 28th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3·44 3·42	11·50 11·50	7·57 7·58
Greenwich	3·56 3·54	11·57 11·57	7·58 8·0
Wick	3·26 3·24	12·9 12·9	8·53 8·55
Valencia	4·35 4·34	12·38 12·38	8·41 8·42

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

SEA DISTURBANCE.
0=no swell, 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

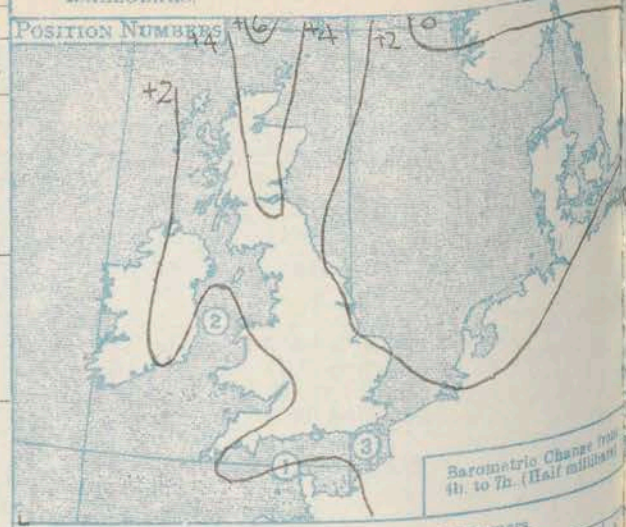
27th MAY 1922

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. Hours.
Lerwick	b-bc	p	r or d	p	53	38	•	trace	2	17.30	<2100	•
Stornoway	p	c	p	p	54	43	•	2	1	–	<2100	12.2
Wick	ocpsq	c	b or bc	c	60	42	•	0·1	–	11.00	–	•
Castlebay	bopm	cmobc	bc.b	bopc	51	49	•	0·2	0·3	–	–	11.8
Nairn	bcpq		bcq	gbc	61	45	•	1	–	14.30	–	10·0
Aberdeen	obbe	pbqb	bqb	bbcc	67	45	36	trace	–	14.30	–	10·6
Malin Head	omcq	cpsq	bc	oo	60	45	38	trace	–	–	–	8·6
Renfrew	c	c	b or bc	c	56	44	42	–	–	–	–	10·6
Edinburgh (Inchkeith)	odocb	bcyb	b.bc	bcbc	61	39	36	1	–	<0800	–	9·0
Eskdalemuir	cmq	b-bc	bm	b or bc	67	45	35	–	–	–	–	•
Blacksod Point ...	b-bc	b-bc	b or bc	b or bc	57	48	•	0·1	–	–	–	•
Donaghadee	bcq	bcq	bc	bc	64	44	•	–	–	–	–	•
Birr Castle	co	co	co	bc	62	44	35	–	–	–	–	11.3
Collinstown	c	c	c	b or bc	64	40	•	0·1	–	09.00	–	10.2
Holyhead	tcdpcmb	bvy	bcb	bb	64	48	46	trace	–	<0800	–	9.0
Liverpool (Bidston) ...	bco	b-bc	b or bc		63	47	41	–	–	–	–	8.7
Chester (Shotwick) ...	bcco	acbcby	bqbc	bcc	66	47	34	–	–	–	–	•
Spurn Head	b-bc	b-bc	b or bc		67	50	•	–	–	–	–	11·2
Nottingham	c	b-bc	bc	b or bc	68	45	39	–	–	–	–	9.2
Cranwell	c	c	cbcbm	bm	71	42	36	–	–	–	–	12.4
Gorleston	bzbcq	bcc	cbcb	b or bc	73	50	46	–	–	–	–	9.2
Valencia (Cahirciveen)	ocbc	bccb	b	bw	57	43	40	–	–	–	–	11.6
Roches Point	obc	bc	bcb	bw	65	48	•	–	trace	–	–	•
Pembroke (St. Ann's H.)	opibc	b-bc	b or bc	b or bc	57	48	•	–	–	–	–	5·4
Ross-on-Wye	bccobcb	obcbvbw	bvbcvc	cbwv	69	44	38	–	–	–	–	8·1
Benson...	o	bc	bc	bm	70	46	41	–	–	–	–	•
S. Farnborough ...	ombcy	ycoz	obw	bw	72	47	40	–	–	–	–	7·7
London (Kew Obsy.) ...	omby	bcyby	bcbb	bbbw3	70	51	38	–	–	–	–	6·9
Croydon	ofmbc	bcbzc	cw	cbcb3	69	49	42	–	–	–	–	6·5
Clacton-on-Sea ...	pbccz	bzbcy	bc3	bc3	72	49	44	–	–	–	–	13·4
Shoeburyness	bcmbm	bmb	b	b	72	49	45	–	–	–	–	12·7
Grain	c	b-bc	bbc	bbc	71	47	39	–	–	–	–	12·1
Lympne	bbcm	bcbbcm	c	b or bc	70	51	47	–	–	–	–	12·9
Scilly (St. Mary's)	obcm	cmc	b	b	61	49	•	0·1	–	–	–	3·4
Falmouth (Pendennis)	ocmdc	ocbcm	bcmb	bbf	64	50	•	?	–	–	–	5·1
Plymouth (Cattewater)	oo	c	b	b or bc	62	45	45	–	trace	–	–	2·3
Portland Bill	oo	oo	b or bc	b or bc	59	50	•	–	–	–	–	•
Southampton (Calshot)	c	oo	ocbcb	b	67	51	49	–	–	–	–	?
Dungeness	pf	b-bc	b or bc	c	65	54	•	–	–	–	–	•
Guernsey	oo	oo	c	bbcw	63	52	•	–	–	–	–	0·0

ISALLOBARS.

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	26th 1000	Hibernia	S	3	bc	56	51
3	27 0200	Dieppe	NNW	1	o+	54	52

GENERAL INFERENCE.

The anticyclone off our southwest coasts continues to spread northeastwards and, apart from the possibility of showers in the extreme North of Scotland fine weather is likely in all districts. Over England mainly fine warm weather is probable for a few days.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 27th May, 1922.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light northerly breezes; fine; visibility mainly good; warm.
5. S.W. England 6. South Wales	Light northerly breezes; fine; visibility good inland, but coastal fog not improbable; warm.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light northwesterly breezes; fine; visibility mainly good; warm.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind west to northwest, moderate to light; fine; visibility mainly good; warmer.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Fresh westerly winds, moderating; mainly fair, perhaps local showers; visibility good; moderate temperature.
17. N.W. Ireland 18. N.E. Ireland	Same as 11 to 13.
19. S.E. Ireland 20. S.W. Ireland	Light variable breezes; fine; visibility mainly good; warm.

Further Outlook.

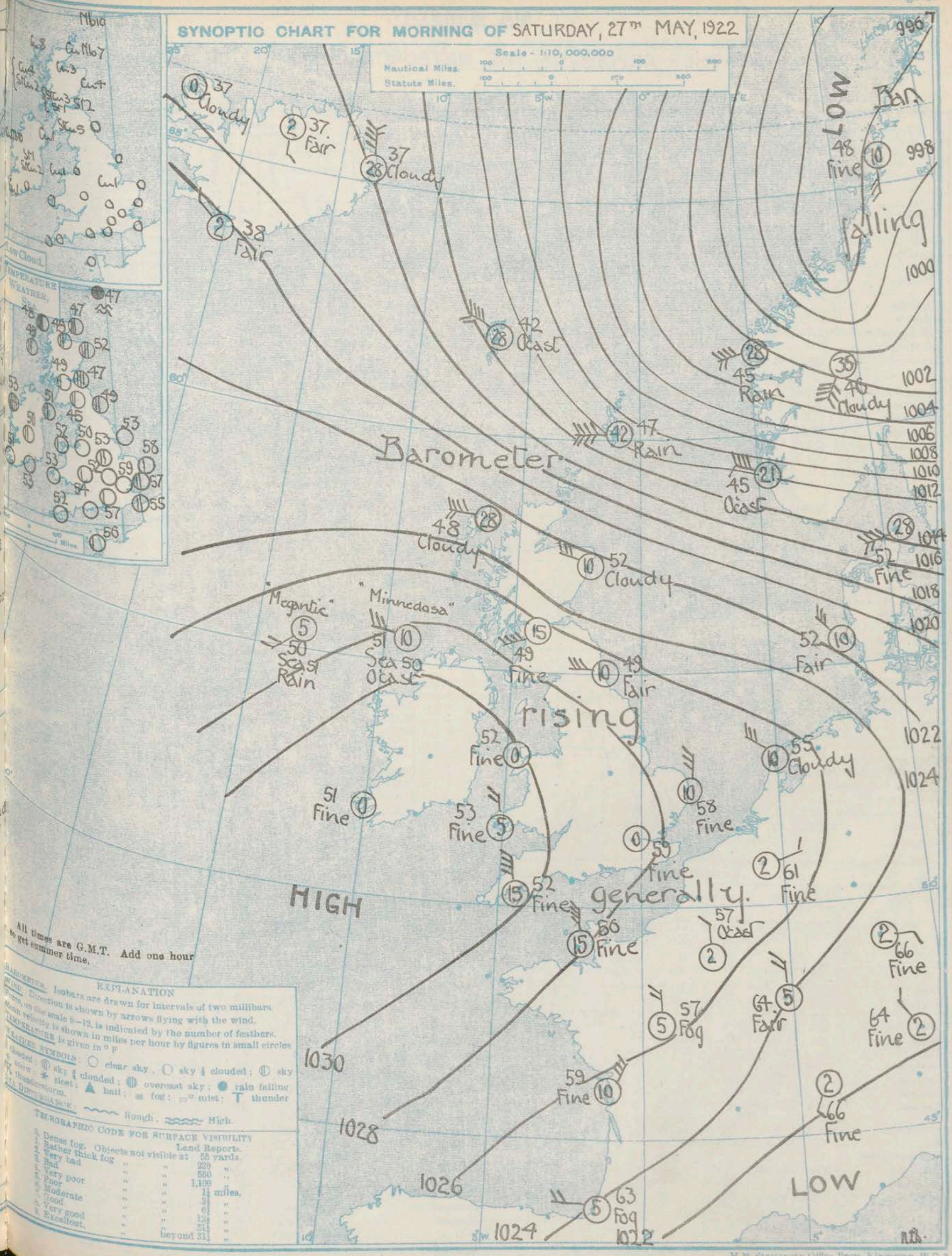
Mainly fine and warm over England for the next few days.

MMT.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15.

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

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF SATURDAY, 27TH MAY, 1922
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
Temperature
Weather.
Barometer
rising
generally.
falling
LOW
HIGH
LOW
"Megantic"
"Minnedosa"
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Wind velocity is shown in miles per hour by figures in small circles
Temperature is given in ° F
Weather symbols: clear sky, sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; shower; sleet; hail; fog; mist; thunder; thunderstorm.
Sea Disturbance: Rough. High.
Telegraphic Code for Surface Visibility
Land Reports.
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 " " 3 "
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 27th MAY.....1922. No. 147.

Observations at 0100 G.M.T. 27th

STATIONS	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1006.8	0	W'S	8	cpr.	45	85	6	4000	CuNb	4	ASt	8	.
Stornoway	1020.2	+4	WNW	6	PR.	.	.	5	.	.	.	.	.	.
Wick	1015.8	+3	W	4	b	44	92	8	2500	CuNb	3	.	3	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1020.5	+1	W	5	b-	47	75	8	-	Cu	1	.	1	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1025.1	+3	SW	1	b	48	75	6	-	-	0	.	0	.
Blacksod Point ...	1028.9	+2	W'N	3	bc	50	92	7	-	StCu	5	.	5	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1030.4	+2	W	2	b-	42	92	7	-	-	0	ASt	2	.
Holyhead	1027.9	+2	W'N	2	b-	.	.	8	4000	Cu	1	-	1	.
Liverpool (Bidston) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick) ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1026.1	+2	WNW	4	b	50	92	6	-	-	0	ACu	3	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1027.9	+3	WSW	3	b	50	92	7	4000	St	2	.	2	.
Gorleston	1025.2	+2	NW	2	b-	54	85	7	4000	StCu	2	.	2	.
Valencia (Cahirciveen)	1030.6	+2	-	0	b	50	92	8	-	.	0	.	0	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	1029.2	+1	NNW	3	b	52	85	8	-	-	0	-	0	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.)...	.	.	.	.	.	58	.	.	.	.	.	.	.	.
Croydon	1027.3	+4	N	2	c	58	65	7	2500	StCu	3	Ci	8	.
Clacton-on-Sea ...	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1026.6	+4	N	4	bc	56	85	7	.	.	0	ACu	4	.
Scilly (St. Mary's) ...	1030.6	+1	WNW	2	b	51	92	7	-	-	0	-	0	.
Falmouth (Pendennis)	1029.7	0	NNW	3	b-	52	97	8	.	-	0	.	0	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	?	0	NW	3	b-	52	85	7	.	.	0	.	0	.
Southampton (Calshot)	1028.0	+2	N	3	b-	55	92	7	-	.	0	-	0	.
Dungeness	1026.0	+3	N	2	bc+	56	97	7	4000	StCu	6	.	6	.
Guernsey.	1028.6	+2	WNW	3	bc-	56	97	8	-	-	0	ASt	6	.

Observations at 0700 G.M.T. 27th

STATIONS	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1010.1	+3	W	8	or.	47	75	6	2500	Nb	10	.	10	7
Stornoway	1022.4	+3	WNW	6	C-	48	75	6	4000	Cu	9	.	8	3
Wick	1018.8	+4	WNW	4	c	47	85	8	4000	CuNb	7	.	7	4
Castlebay	1026.4	+2	NW	4	bc	49	85	6	2500	Cu	6	Ci Cu	5	.
Nairn	1021.5	.	W	6	bc	49	75	8	4000	Cu	3	ACu	7	0
Aberdeen	1022.9	+3	W'N	3	c+	52	55	8	2500	Cu	4			
Malin Head														.
Renfrew	1026.1	+3	WSW	4	bc-	49	75	7	800	StCu	4	.	4	4
Edinburgh (Inchkeith)	1024.0	+5	WSW	5	c+	47	75	8	-	St	2	Ci Cu	7	.
Eskdalemuir	1027.7	+3	W	3	bc	45	75	8	2500	StCu	5	Ci St	6	0
Tynemouth	1026.1	+2	W	3	bc+	49	75	7	-	-	0	ACu	4	
Blacksod Point ...	1030.5	+2	SW'N	3	0	53	85	9	-	CuNb	10	-	10	3
Donaghadee	1029.1	+2	W	1	bc	51	85	8	5700	Cu	1	ACu	4	0
Birr Castle	1030.2	.	W	1	bc-	50	97	8	4000	StCu	2	Ci	4	.
Collinstown	1031.4	+1	W'S	2	bc	47	97	8	2500	St	1	ACu	5	.
Holyhead	1030.0	+2	-	0	b	52	85	8	2500	Cu	1	ASt	2	0
Liverpool (Bidston) ...	1029.5	+3	W'N	3	b	50	85	8	-	-	0	Ci	8	4
Chester (Shotwick) ...	1028.6	+3	WNW	3	c+	54	75	7	4000	Cu	3	ACu		.
Spurn Head	1028.7	+2	WNW	4	b	53	85	6	-	-	0	ACu	3	3
Nottingham	1028.6	.	W	2	bc+	53	75	7	4000	Cu	1	Ci	5	.
Cranwell	1028.5	+2	W'N	3	bc+	52	85	6	-	.	0	Ci	5	.
Gorleston	1027.2	+2	N	3	b-	58	75	7	-	.	0	Ci St	1	1
Valencia (Cahirciveen)	1031.3	+1	-	0	b	51	85	8	2500	Cu	1	Ci St	2	0
Roches Point	1031.2	+2	NW	1	b+	53	85	8	-	.	0	Ci St	1	0
Pembroke (St. Ann's H.)	1030.9	+1	N	2	b	53	85	8	-	.	0	.	0	3
Ross-on-Wye	1029.3	+2	NW	1	b-	54	75	9	-	.	0	Ci	0	.
Benson...	1029.2	+2	-	0	b	52	97	6	.	.	0	.	0	.
S. Farnborough ...	1029.0	+3	WNW	2	b-	57	85	7	.	.	0	Ci	1	.
London (Kew Obsy.)...	1029.5	+2	-	0	b	59	65	6	.	.	0	.	0	.
Croydon	1028.7	+1	NNW	1	b	58	75	6	.	.	0	Ci St	2	0
Clacton-on-Sea ...	1028.6	+3	N	3	bc	57	75	6	.	.	0	ASt	4	0
Shoeburyness	1028.6	+3	NE	1	b	60	65	7	.	.	0	Ci St	1	0
Grain	1028.9	+5	N	1	b	59	65	8	.	.	0	-	0	.
Lympne	1029.9	+1	N'E	3	b	58	85	7	.	.	0	ASt	2	.
Scilly (St. Mary's) ...	1030.1	0	E	1	b	57	85	7	-	-	0	-	0	1
Falmouth (Pendennis)	1030.4	+3	NNW	2	lfb	52	92	2	.	.	0	.	0	0
Plymouth (Cattewater)	1029.7	+1	NW	1	b	52	85	8	.	.	0	.	0	0
Portland Bill	1028.9	+3	ENE	3	b	58	85	7	.	.	0	.	0	2
Southampton (Calshot)	1029.1	+3	N'E	3	b+	57	75	7	.	.	0	.	0	0
Dungeness	1027.9	+2	NE	2	bc-	58	75	8	.	.	0	Ci	1	2
Guernsey.	1028.9	+1	N	4	b	56	85	7	.	.	0	ACu	6	0
												ASt	1	3
													1	1

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 25th	Temperature. Max. Day. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 26th	Sunshine. Sunrise to Sunset. 25th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	bbcq	bcpbq	56	63	-	-	7.3	10.0
Montrose	cbc	bc	50	64	-	-	8.2	8.5
Llandudno ...	cc	bcb	45	63	-	-	5.5	11.7
Colwyn Bay ...	bc	b	53	66	-	-	10.5	13.5
Rhyl...	bcc	bcb	53	63	-	-	7.7	13.6
Southport	cobc	cbcb	50	61	-	-	7.6	12.4
Blackpool	oc	bc	50	61	-	-	6.0	9.4
Harrogate	c	b	48	63	-	-	5.5	9.3
Skegness	bcc	cbcbc	50	73	-	-	8.0	8.3
Aberystwyth ...	ooc	occ	54	57	-	-	0.0	10.7
Bath	oc	co	53	64	-	-	1.3	10.4
Leamington Spa ...	cb	cb	50	69	-	-	5.8	7.8
Lowestoft	bcbc	bcbbc	54	73	-	-	9.9	6.2
Felixstowe	bz	bc	55	71	-	-	11.9	6.2
Southend	bcb	bbcv	55		-	-	9.2	6.5

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 25th	Temperature. Max. Day. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 26th	Sunshine. Sunrise to Sunset. 25th
			°F	°F	mm.	mm.	hr.	hr.
Paignton	oo	obc	50	67	-	-	1.0	14.0
Ilfracombe	oo	mb	52	59	-	-	0.7	13.0
Bude	o	o	52	59	1 ?	-	0.0	1.6
Penzance	ocbc	cbc	53	66	-	-	2.0	0.3
Falmouth Observatory	oc	bc	52	65	-	-	2.8	0.1
Torquay	o	co	52	67	-	-	1.0	13.7
Weymouth	bcc	co	52	63	-	-	0.7	13.3
Bournemouth ...	o	o	53	67	-	-	1.9	13.3
Portsmouth (S'thsea)	bc	cb	52	67	-	-	5.6	12.3
Worthing	cbc	bc	51	69	-	-	7.8	11.3
Brighton	obc	bc	53	63	-	-	5.2	8.4
Eastbourne	cbc	bc	54	62	-	-	10.0	11.5
Hastings	bbc	bcb	53	65	-	-	11.8	10.7
Folkestone	cd	cb	50	72	-	-	9.7	11.1
Tunbridge Wells ...	cbc	b	52	73	-	-	8.1	6.4
Ramsgate	b	b	52	70	-	-	10.9	9.2
Margate	bc	bc	54	69	-	-	10.6	7.2
Deal	bc	ob	52	74	-	-	10.0	9.7

* 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. 22102 SUNDAY 28TH MAY 1922.

Observations at 1300 G.M.T. 27th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016.3	+10	WNW	7	od	45	85	6	4000	Nb	10	-	10	•
Stornoway	1026.5	+4	WNW	5	o+	50	65	6	450	St	10	-	10	•
Wick	1024.0	+5	WNW	5	bc-	53	75	8	5750	Cu	5	-	5	•
Castlebay	1029.5	+3	W	4	b	52	75	7	4000	Cu	2	-	2	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1025.1	+2	NW'N	5	bc-	58	45	8	4000	Cu	4	-	4	•
Malin Head														•
Renfrew	1028.7	+2	W	4	bc-	58	55	9	4000	Cu	3	Ci.St	4	•
Edinburgh (Inchkeith)	1026.1	+1	WSW	5	bc-	53	65	8	-	Cu	4	a.Cu	5	•
Eskdalemuir	1028.4	+2	WNW	4	c	56	55	8	4000	St.Cu	7	-	7	•
Tynemouth	1026.8	+1	WNW	3	c+	61	55	7	-	-	0	a.St	7	•
Blacksod Point	1030.8	0	SW'W	2	o	56	85	9	-	CuNb	10	-	10	•
Donaghadee	1030.5	+1	SE	1	bc+	52	85	8	-	-	0	a.Cu	5	•
Birr Castle	1030.6	•	W	1	bc+	62	75	8	4000	Cu	4	-	4	•
Collinstown	1032.1	0	W'N	1	c	48	75	8	2500	St.Cu	8	-	8	•
Holyhead	1031.4	+1	NW'N	2	b-	55	85	8	4000	Cu	1	a.St	2	•
Liverpool (Bidston)	1031.2	+2	NW'W	2	b-	54	65	8	4000	St	1	-	1	•
Chester (Shotwick)	1029.9	+1	NW	4	b	58	55	8	-	-	0	-	0	•
Spurn Head	1028.5	0	WNW	3	b	60	85	7	-	-	0	-	0	•
Nottingham	1029.1	•	WNW	2	bc-	65	55	7	2500	Cu	1	Ci.Cu	6	•
Cranwell	1028.3	0	W	3	b	65	65	7	-	-	0	-	0	•
Gorleston	1028.6	+1	E	3	b-	57	85	7	-	-	0	Ci.St	1	•
Valentia (Cahirciveen)	1031.1	0	W	2	b+	56	75	9	4000	Cu	1	Cu.Cu	3	•
Roches Point	1031.5	0	SE	1	b-	56	85	8	4000	Cu	1	Ci	2	•
Pembroke (St. Ann's H.)	1031.2	+1	NW	2	b	60	75	8	5750	Cu	1	-	1	•
Ross-on-Wye	1028.8	0	SW	1	b	57	55	9	5750	Cu	3	-	3	•
Benson	1029.4	0	NW	3	b	58	55	8	-	Cu	1	-	1	•
S. Farnborough	1028.7	0	WNW	2	b	70	55	8	4000	Cu	1	-	1	•
London (Kew Obsy.)	1029.2	0	NNW	2	b	67	45	8	4000	Cu	1	-	1	•
Croydon	1028.6	-1	NNW	2	b	67	55	7	4000	Cu	1	-	1	•
Cluetts-on-Sea														•
Shoeburyness	1029.3	+1	SSE	2	b+	63	65	7	7250	Cu	2	-	2	•
Grain	1029.2	0	NE	1	b+	66	55	8	4000	Cu	2	-	2	•
Lympne	1028.3	-1	N	3	b	65	65	8	4000	Cu	1	-	1	•
Scilly (St. Mary's)	1030.0	0	NE	1	b	63	75	8	-	-	0	-	0	•
Falmouth (Pendennis)	1030.6	0	S	2	b/f	61	97	9	-	-	0	Ci.Cu	1	•
Plymouth (Cattewater)	1029.6	0	SW	1	b	62	75	8	4000	St.Cu	1	-	1	•
Portland Bill	1028.9	0	-	0	b	62	85	7	-	-	0	-	0	•
Southampton (Calshot)	1028.9	-1	NNW	2	b+	68	45	8	4000	Cu	1	-	1	•
Dungeness	1028.9	+1	E	4	b-	60	75	8	4000	Cu	1	-	1	•
Guernsey	1029.2	-1	N	4	b	62	65	7	-	-	0	-	0	•

Observations at 1800 G.M.T. 27th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1024.4	+7	NW	7	bc-	46	75	7	-	-	0	a.Cu	4	6
Stornoway	1027.6	+1	NW	3	b-	51	65	7	4000	Cu	3	-	3	2
Wick	1026.4	+3	WNW	5	bc	50	75	8	5750	St.Cu	8	-	6	3
Castlebay	1029.2	0	WSW	3	b	52	75	7	4000	Cu	1	a.St	2	3
Nairn	1027.4	•	W	3	bc	56	55	8	4000	Cu	4	-	4	•
Aberdeen	1027.3	+2	NNW	3	b-	55	55	8	4000	Cu	1	-	1	0
Malin Head														•
Renfrew	1029.5	+1	W	3	bc-	57	55	9	5750	St.Cu	5	-	5	•
Edinburgh (Inchkeith)	1027.1	+1	W	5	b	55	65	8	-	Cu	1	a.Cu	2	4
Eskdalemuir	1028.9	+1	NW'W	4	bc	55	55	8	-	-	0	a.Cu	5	•
Tynemouth	1027.7	+2	ESE	2	b-	57	65	8	-	-	0	a.St	3	0
Blacksod Point	1030.1	-2	SW	4	o-	53	85	9	-	-	0	a.Cu	10	3
Donaghadee	1030.2	0	ESE	1	bc	52	85	8	-	-	0	Ci.Cu	5	0
Birr Castle	1029.0	•	W	1	c+	64	75	8	4000	St.Cu	4	a.Cu	7	•
Collinstown	1031.2	-1	ESE	2	c+	55	75	8	4000	Cu	6	a.St	8	•
Holyhead	1031.0	-1	NNW	1	b-	54	75	9	-	-	0	a.St	1	0
Liverpool (Bidston)	1030.6	0	NW'W	2	b	55	65	9	-	-	0	-	0	2
Chester (Shotwick)	1029.2	-1	NW	3	b	57	55	9	-	-	0	-	0	•
Spurn Head	1029.4	+1	ESE	3	b	56	85	8	-	-	0	-	0	2
Nottingham	1028.9	•	NW	2	b-	63	45	7	-	-	0	Cu	2	•
Cranwell	1027.9	0	NW	4	bc	65	55	7	-	-	0	Ci.St	5	•
Gorleston	1028.9	0	SE	3	b	53	65	8	-	-	0	-	0	0
Valentia (Cahirciveen)	1029.9	-1	W	3	b	56	75	9	-	-	0	-	0	0
Roches Point	1030.5	-1	ESE	1	b	57	85	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1030.1	-1	N	2	b	59	65	?	-	-	0	-	0	2
Ross-on-Wye	1027.8	-2	NNW	2	b	70	45	9	-	-	0	-	0	•
Benson	1028.6	-1	N	1	b	69	55	8	-	-	0	-	0	•
S. Farnborough	1027.1	-1	NW	2	b	69	55	8	-	-	0	-	0	•
London (Kew Obsy.)	1028.1	-1	NW	2	b	70	45	7	4000	Cu	1	-	1	•
Croydon	1027.9	0	NW	1	b	68	55	8	-	-	0	-	0	•
Cluetts-on-Sea	1028.6	0	E	3	b	57	75	7	-	-	0	-	0	0
Shoeburyness	1028.4	-1	E	2	b	59	75	7	-	-	0	-	0	•
Grain	1027.6	-1	ENE	1	b	65	55	8	-	-	0	-	0	0
Lympne	1028.3	0	ESE	3	b	56	95	8	-	-	0	-	0	•
Scilly (St. Mary's)	1030.1	-1	NE	2	b	61	75	8	-	-	0	-	0	1
Falmouth (Pendennis)	1028.8	-2	NNE	3	b	63	75	8	-	-	0	-	0	0
Plymouth (Cattewater)	1028.5	-1	-	0	b	59	75	8	-	-	0	-	0	0
Portland Bill	1028.0	-1	-	0	b	60	85	7	-	-	0	-	0	0
Southampton (Calshot)	1028.1	-1	WSW	3	b	64	55	8	-	-	0	-	0	0
Dungeness	1028.4	-1	E	2	b	57	85	8	-	-	0	-	0	2
Guernsey	1028.1	-3	N'E	3	b+	61	65	8	-	-	0	a.St	3	1

London Observations

	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. 28th								Yesterday.		To-day.
Kew Observatory (Croydon) 24 hours ended 0700	bwzby	by	by bw	•	•	40	-	-	14.2	•	•
Greenwich (Royal Obsy.)	bzy	by	byrw	•	•	39	-	-	14.4	•	•
City (Bunhill Row)	bz	bz	b	73	46	36	-	-	14.4	45	48
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	•		•	•
Regent's Pk. (Botanic Gdns.)	•	•	•	73	52	46	-	-			
Camden Square	•	•	•	•	•	•	•	•	14.2	•	•
Kensington Palace	bc	-	•	74	?	46	-	-	•	•	51
Hampstead Observatory	b	b	•	72	51	44	-	-	•	49	48
	•	•	•	71	50	39	-	-	14.7	•	?

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.

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 27th ..... h. ..... m. to 28th ..... h. ..... m.

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

Radio Disturbances (Atmospherics) at Croydon.*

Time	Type.	No. per sec.	Stren.	Direc.
13h.				
12h.				
11h.				
07h.				

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

28th & 29th MAY, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.42	11.50	7.58
	3.41	11.50	7.59
Greenwich	3.54	11.57	8.0
	3.53	11.57	8.1
Wick	3.24	12.9	8.55
	3.22	12.9	8.57
Valencia	4.24	12.38	8.42
	4.33	12.38	8.43

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_0r_0 = continuous light rain.

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

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	55-65
11	66-75
12	Above 75

Sea Disturbance.

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

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

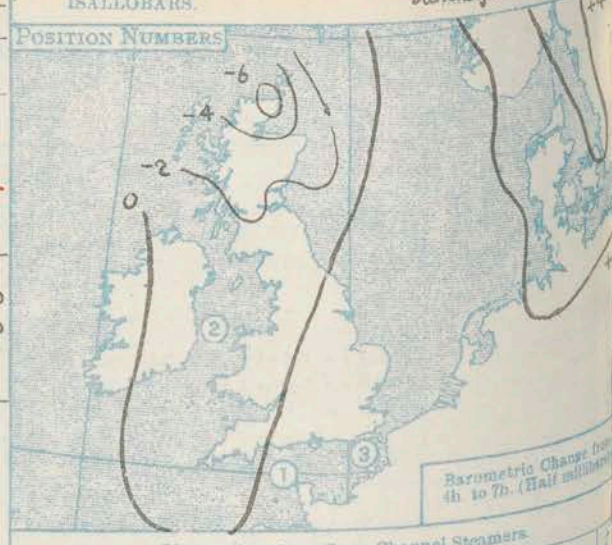
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 27th	13h.-18h. 27th	18h. 27th to 1h. 28th	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. Hours.
Lerwick	p	b or bc	b.bc	c	53	39	•	trace	-	<0800	-	•
Stornoway	c	c	oo	p	54	42	•	-	2	-	-	11.2
Wick	b or bc	c	c	oo	53	40	•	-	0.2	-	0630	•
Castlebay	cb	b	bob	obrof	52	48	•	-	0.3	-		12.2
Nairn	bcqs		bc	bcpc	58	39	•	-	0.4	-	-	11.7
Aberdeen	cbcqs	bczb	b	bobro	60	40	31	-	trace	-	0630	10.3
Malin Head	bccbc	bcy	cvo		59	46	38	-	trace	-	-	11.0
Renfrew	c	b or bc	c	oo	56	46	41	-	-	-	-	14.0
Edinburgh (Inchkeith)	bcy	bcy	bbc	bcco	59	35	31	-	-	-	-	8.9
Eskdalemuir	b or bc	b or bc	b.bcm	bcm	63	46	41	-	-	-	-	•
Tynemouth												
Blacksod Point ...	b or bc	oo	c	oo	57	50	•	-	-	-	-	•
Donaghadee	bc	bc	c	bcq	58	50	•	-	-	-	-	•
Sirr Castle	bc	co	co	cobc	65	46	38	-	-	-	-	12.3
Collinstown	c	b or bc	oo	bb	60	45	*	-	-	-	-	9.5
Holyhead	bbcb	bv	bbc	bcv	55	50	44	-	-	-	-	13.8
Liverpool (Bidston) ...	bbc	b or bc	b	b	58	48	40	-	-	-	-	12.6
Chester (Shotwick) ...	cbcb	b	b	bbcc	59	38	27	-	-	-	-	•
Spurn Head	b or bc	b or bc	b	bc	63	48	•	-	-	-	-	12.4
Nottingham	b or bc	b or bc	b	b	67	50	39	-	-	-	-	13.3
Cranwell	b or bc	b or bc	b.bc	bbc	67	42	38	-	-	-	-	14.3
Gorleston	b or bc	bv	bbc	bbc	61	45	36	-	-	-	-	13.6
Valencia (Cahirciveen)	bcb	b	b	bw	58	45	42	-	-	-	-	16.3
Roches Point	bbc	b	bw	bff	58	45	•	-	0.2	-	-	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b.bc	bbc	61	47	•	-	-	-	-	15.3
Ross-on-Wye	bv bcv	bcy by	bvy	bz	71	43	39	-	-	-	-	14.8
Benson...	b	b	b	b	70	41	35	-	-	-	-	•
S. Farnborough ...	by	by	b	b	73	41	40	-	-	-	-	14.6
London (Kew Obsy.)...	bwz by	by	bybb	bbw	70	50	40	-	-	-	-	14.2
Croydon	bzy	by	byw	bwy	71	46	39	-	-	-	-	14.4
Clacton-on-Sea ..	bc	b	bbc	bcb	66	53	47	-	-	-	-	14.6
Shoeburyness	b	b	b	b	67	48	44	-	-	-	-	14.5
Grain	b	b	b	b	67	50	40	-	-	-	-	14.8
Lympne ..	b or bc	b or bc	b	bw	67	46	36	-	trace	-	-	14.7
Scilly (St. Mary's)	b	b	b	b	62	50	•	-	-	-	-	14.9
Falmouth (Pendennis)	bgb	b	b	b	66	49	•	-	-	-	-	15.0
Plymouth (Cattewater)	b or bc	b or bc	b	b	63	48	37	-		-		14.8
Portland Bill ...	b or bc	b or bc	bbc	b.bc	63	52	•	-	-	-	-	
Southampton (Calshot)	b or bc	b or bc	bbc	bbc	71	51	46	-	-	-	-	14.6
Dungeness .. .	b or bc	b or bc	b.bc	bbc	64	51	•	-	-	-	-	•
Guernsey.	b or bc	b or bc	b.bc	bbc	63	52	•	-	-	-	-	14.5

ISALLOBARS. Sunday 28th MAY 1922

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
1	27th 1200	Reindeer	N	2	b	57	53
3	28th 0600	Brighton	ENE	3	bv	53	53

GENERAL INFERENCE.

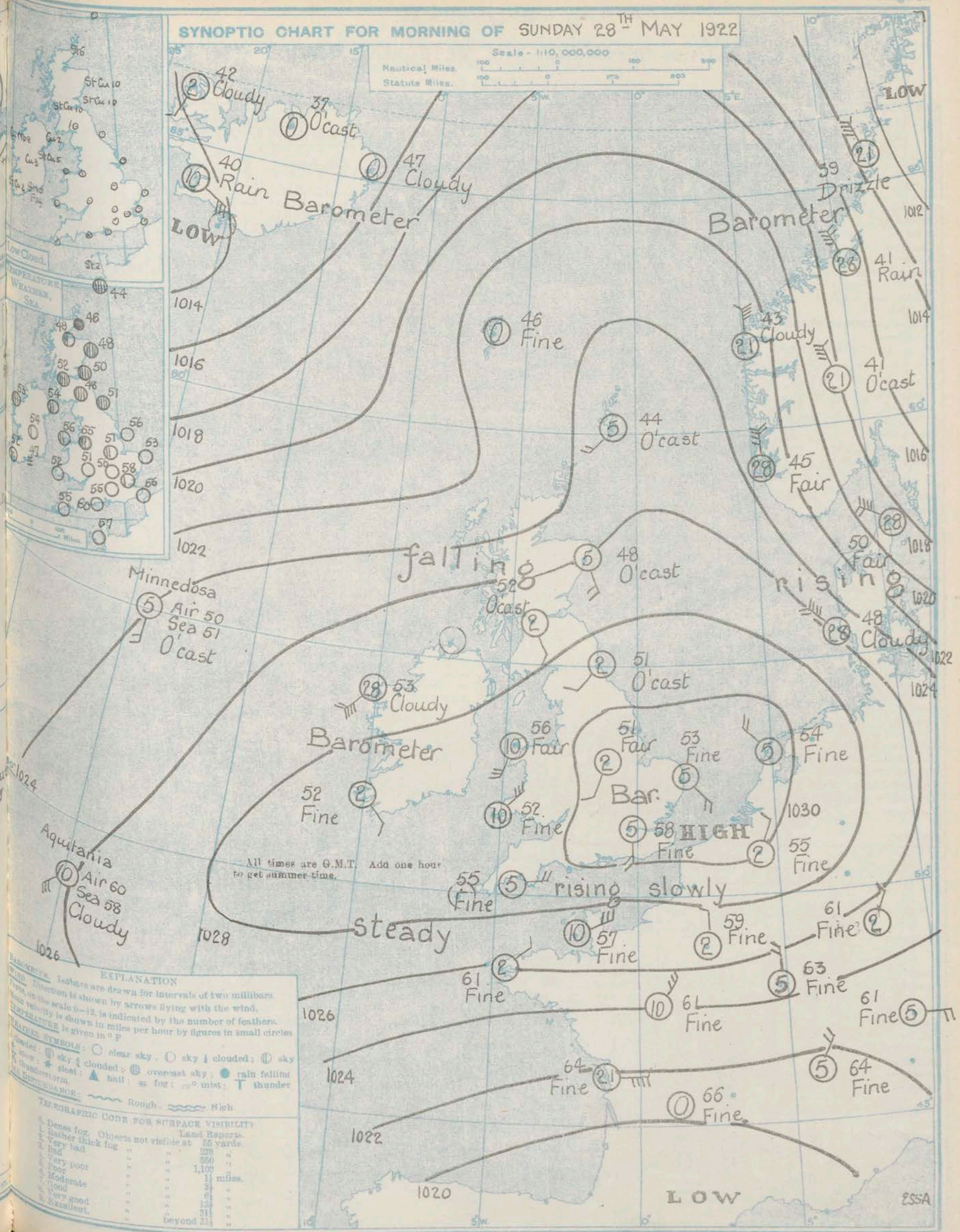
The anticyclone will maintain fine quiet weather with a rising temperature in the south, but in the north cloudy to rainy weather will set in, with freshening southwesterly winds.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 28th May, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind light and indefinite; fine; visibility good inland but some coastal fog; temperature rising.	Fine and very warm in the South with a tendency for thunder later.
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 S to SW, freshening; cloudy, some rain before long; visibility good at first but deteriorating; moderate temperature.	
19. S.E. Ireland 20. S.W. Ireland	Same as 1 - 6	

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

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. SUNDAY 28th MAY 1922. No. 148

Observations at 0100 G.M.T. 28th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1021.6	+2	-	0	b+	40	85	7	-	-	0	Ci.St	2	.
Stornoway	1020.9	-2	-	0	co	.	.	5	.	.	.	.	.	.
Wick	1024.9	-1	SW	2	C	43	92	8	5700	StCu	8	-	8	.
Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nairn	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Malin Head														.
Renfrew	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	1029.0	+3	W	2	mC	47	75	6	-	StCu	4	ACu	8	.
Eskdalemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	1029.6	0	W	2	b	48	75	6	-	-	0	-	0	.
Blacksod Point	1027.0	-1	SW'S	6	C+	53	85	7	-	CuNb	8	-	8	.
Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Birr Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Collinstown	1030.3	-1	S'E	1	C-	49	92	8	2500	StCu	5	A.St	8	.
Holyhead	1029.6	-1	E'S	1	bc+	.	.	8	2500	StCu	2	ACu	5	.
Liverpool (Bidston)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Shotwick)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	1030.3	+1	-	0	b	49	85	7	-	-	0	-	0	.
Nottingham	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	1030.4	+1	SE'E	3	b+	45	97	8	-	-	0	-	0	.
Gorleston	1029.8	0	-	0	b	46	92	8	-	-	0	-	0	.
Valencia (Cahirciveen)	1030.4	0	S'E	2	b	52	85	9	-	-	0	-	0	.
Roches Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Pembroke (St. Ann's H.)	1029.9	-1	ENE	3	b	48	65	9	-	-	0	-	0	.
Ross-on-Wye	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Benson	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.)	.	.	.	.	.	53	.	.	.	.	.	.	.	.
Croydon	1029.5	+1	E	1	b-	48	97	7	-	-	0	-	0	.
Clacton-on-Sea	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Shoeburyness	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Grain	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lympne	1029.6	+2	NE	4	b	50	95	8	-	-	0	-	0	.
Scilly (St. Mary's)	1029.1	0	NE	1	b	51	92	8	-	-	0	-	0	.
Falmouth (Pendennis)	1029.9	0	N'E	3	b	53	92	8	-	-	0	-	0	.
Plymouth (Cattewater)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portland Bill	1028.0	0	NNE	3	b	59	85	7	-	-	0	-	0	.
Southampton (Calshot)	1029.2	0	E	2	b	53	92	8	-	-	0	-	0	.
Dungeness	1029.4	+1	ENE	2	b	52	97	8	-	-	0	-	0	.
Guernsey	1028.3	+3	ENE	3	b	55	75	7	-	-	0	ASr	3	.

Observations at 0700 G.M.T. 28th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1025.1	-1	SW	2	0+	44	85	7	-	-	0	A.St	10	1
Stornoway	1018.2	-7	W	3	obr0	53	85	6	450	St	10	-	10	2
Wick	1022.5	-6	S	4	or	46	97	8	1500	St	6	A.St	10	3
Castlebay	1021.8	-2	WSW	4	odo	52	97	5	800	Nb	10	-	10	4
Nairn	1022.4	.	W	1	bc+	49	75	8	2500	St	6	-	6	.
Aberdeen	1026.2	-3	S'E	2	0+	48	85	7	5700	StCu	10		10	0
Malin Head												-	10	.
Renfrew	1027.2	-2	SSE	1	0+	52	75	7	7200	StCu	10	-	10	1
Edinburgh (Inchkeith)	1027.5	-1	WSW	1	0+	50	65	8	-	-	0	A.St	10	.
Eskdalemuir	1028.9	-1	SW	2	0	48	85	7	-	-	0	A.St	10	0
Tynemouth	1029.1	0	SW	1	0	51	75	6	-	-	0	A.St	10	
Blacksod Point	1027.0	+1	SW	6	C	53	92	8	-	CuNb	8	-	8	4
Donaghadee	1027.6	-1	SSE	3	bc+	54	75	8	5700	Cu	2	ACu	5	1
Birr Castle	1028.9	.	W	1	b-	54	92	7	4000	Cu	3	-	3	.
Collinstown	1030.0	0	SW	2	bc+	57	85	8	2500	StCu	5	-	5	.
Holyhead	1029.5	0	SSW	3	bc	56	65	9	-	-	0	A.Cu	4	1
Liverpool (Bidston)	1030.3	-1	SE'S	2	bc+	55	65	6	2500	St	3	Ci.Cu	6	1
Chester (Shotwick)	1028.7	0	SE	1	0+	51	75	7	-	-	0	ACu	9	.
Spurn Head	1030.7	0	S	3	bc	57	85	8	-	-	0	Ci.St	4	2
Nottingham	1030.3	.	SSW	1	bc+	51	85	6	-	-	0	A.Cu	6	.
Cranwell	1029.9	0	SSE	4	bc	55	75	8	-	-	0	ACu	4	.
Gorleston	1030.7	+1	SE	2	b-	53	65	6	-	-	0	-	0	0
Valencia (Cahirciveen)	1029.5	0	SE	1	b+	52	85	8	1500	StCu	2	A.St	3	0
Roches Point	1029.8	0	~	0	FFo	47	97	1	225	St	10	-	10	0
Pembroke (St. Ann's H.)	1029.7	0	NE	3	b	52	75	8	-	-	0	-	0	3
Ross-on-Wye	1029.8	0	-	0	b	51	75	7	-	-	0	-	0	.
Benson	1030.0	+1	S	2	b	56	75	8	-	-	0	-	0	.
S. Farnborough	1030.1	+2	NNE	2	b	55	65	8	-	-	0	-	0	.
London (Kew Obsy.)	1031.4	+1	S	2	b	58	65	8	-	-	0	C.St	1	0
Croydon	1030.2	0	SSE	3	b	57	55	8	-	-	0	-	0	
Clacton-on-Sea	1030.6	+1	ESE	2	b	57	65	7	-	-	0	A.St	1	0
Shoeburyness	1030.9	+1	ESE	1	b	58	65	7	-	-	0	-	0	0
Grain	1030.8	+1	-	0	b	56	65	8	-	-	0	-	0	0
Lympne	1030.2	+1	ESE	4	b	57	65	8	-	-	0	A.St	1	.
Scilly (St. Mary's)	1027.8	0	ENE	2	b	58	75	8	-	-	0	-	0	1
Falmouth (Pendennis)	1029.2	0	E	2	b	55	85	8	-	-	0	-	0	0
Plymouth (Cattewater)												-	0	0
Portland Bill	1028.0	0	NNE	4	b	60	85	7	-	-	0	-	0	0
Southampton (Calshot)	1030.1	+1	SE	4	b	57	75	7	-	-	0	-	0	3
Dungeness	1030.1	+1	ENE	3	b	56	75	8	-	-	0	-	2	2
Guernsey	1027.6	+1	ENE	3	b-	57	65	8	5700	St	2			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th MAY

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 26th	Temperature. Max. Day. 27th	Rainfall.† Night 17h.-9h. 26.-27.	Rainfall.† Day 9h.-17h. 27.	Sunshine. Sunrise to 17h. 27th	Sunshine. Sunrise to Sunset. 26th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	cbcq	bc	45	54	-	-	6.1	10.4
Montrose	obc	bc	46	65	-	-	6.2	11.2
Llandudno	b	b	44	58	-	-	11.3	8.2
Colwyn Bay	bc	b	49	57	-	-	10.8	13.5
Rhyl	bcb	b	50	56	-	-	11.0	10.2
Southport	b	b	55	56	-	-	11.2	9.0
Blackpool	bc	bc	49	57	-	-	10.5	7.9
Harrogate	bcb	bcb	44	63	-	-	8.5	8.4
Skegness	b	b	45	64	-	-	12.4	10.3
Aberystwyth	cbb	bbc	45	57	-	-	12.3	2.2
Bath	b	b	42	72	-	-	11.4	1.7
Leamington Spa	b	b	45	68	-	-	11.7	7.6
Lowestoft	bbc	bcb	50	58	-	-	12.6	10.3
Felixstowe	b	b	49	64	-	-	12.2	13.1
Southend	b	b	51	73	-	-	11.6	11.0
Paignton	bbc	b	48	69	-	-	13.1	3.1
Ilfracombe	b	b	48	59	-	-	12.7	2.6
Bude	b	b	42	62	-	-	11.5	1.1
Penzance	b	b	48	68	-	-	11.5	3.9
Falmouth Observatory	bv	bv	50	68	-	-	12.2	4.5
Torquay	b	b	50	68	-	-	12.1	3.4
Weymouth	b	b	49	71	-	-	12.2	1.1
Bournemouth	b	b	47	71	-	-	12.4	1.9
Portsmouth (S'thsea)	b	b	52	72	-	-	12.5	7.1
Worthing	b	b	55	68	-	-	12.1	10.1
Brighton	b	b	55	68	-	-	11.4	10.3
Eastbourne	b	b	55	66	-	-	10.9	12.0
Hastings	b	b	54	67	-	-	10.3	12.9
Folkestone	b	b	51	73	-	-	11.6	10.9
Tunbridge Wells	b	b	49	72	-	-	12.4	10.0
Ramsgate	b	b	53	65	-	-	12.2	13.1
Margate	b	b	55	62	-	-	11.8	12.6
Deal	b	b	52	65	-	-	12.5	10.9

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 8. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22103 MONDAY, 29th MAY 1922.

Observations at 1300 G.M.T. 28th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick														
Stornoway	1022·1	-3	SE	3	or ro	45	92	6	2500	Nb	10	-	10	•
Wick	1020·5	+1	NW	2	c|r	55	85	6	4000	Cu	8	-	8	•
Castlebay	1019·1	-3	SSW	3	o|r	50	97	8	5750	Sc.Cu	4	a.St	10	•
Nairn	1024·0	+3	W	5	cm	54	85	6	1500	St	8	-	8	•
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1021·9	-4	SW	4	b-	66	55	8	4000	Cu	1	aCu	2	-
Renfrew														*
Edinburgh (Inchkeith)	1026·2	0	SW	4	0	56	85	7	2500	St	9	aSt	10	•
Eskdalemuir	1025·2	-1	WSW	4	0	56	75	8	-	Sc.Cu	10	-	10	•
Tynemouth	1027·1	-1	S'W	4	0	57	65	8	2500	Sc.Cu	8	aSt	9	•
	1026·7	-2	NNW	1	bc	69	55	7	4000	Cu.Nb	6	-	6	•
Blacksod Point	1029·0	+2	SW	4	om-	54	92	7	-	-	0	aSt	10	•
Donaghadee	1027·1	0	WSW	3	c-	67	65	8	5750	Cu	5	aCu	8	•
Birr Castle	1028·4	•	W	1	bc+	68	65	8	4000	St.Cu	2	Cu	4	•
Collinstown	1029·5	-1	ESE	2	b	67	75	8	-	-	0	aSt	3	•
Holyhead	1029·2	-1	SSW	1	b-	64	45	8	-	-	0	aSt	1	•
Liverpool (Bidston)	1029·3	-1	WNW	2	b	62	45	8	-	-	0	-	0	•
Chester (Shotwick)	1028·0	-1	WNW	4	b	69	45	8	-	-	0	aCu	1	•
Spurn Head	1028·8	-2	SSW	2	b	75	85	8	-	-	0	-	0	•
Nottingham	1028·7	•	W	2	b-	71	45	7	4000	Cu	2	-	2	•
Cromwell	1028·6	-2	SW	3	b	70	45	7	-	-	0	aCu	1	•
Gorleston	1030·6	0	SSE	3	b	56	75	7	-	-	0	-	0	•
Valencia (Cahirciveen)	1029·4	0	NW	3	b	59	75	9	2500	Cu	1	Ci.Cu	2	•
Roches Point	1029·6	0	S	1	b|f	58	85	8	1500	St	1	-	1	•
Pembroke (St. Ann's H.)	1029·7	0	ENE	3	b	58	75	8	-	-	0	-	0	•
Ross-on-Wye	1028·0	-2	WNW	3	b	72	45	8	-	-	0	-	0	•
Benson	1029·6	-2	-	0	b	70	45	8	-	-	0	-	0	•
S. Farnborough	1029·2	-2	E'S	2	b	72	55	8	-	-	0	-	0	•
London (Kew Obsy.)	1029·4	-3	SW	1	b	69	45	6	-	-	0	-	0	•
Croydon	1029·1	-3	-	0	b	69	55	8	-	-	0	-	0	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1031·0	0	ENE	3	b	58	75	8	-	-	0	-	0	•
Grain	1030·6	-1	ENE	4	b	59	75	8	-	-	0	-	0	•
Lympne	1029·6	-2	E	5	b	62	75	8	-	-	0	Ci.St	1	•
Scilly (St. Mary's)	1027·6	0	E'S	4	b	66	55	8	-	-	0	-	0	•
Falmouth (Pendennis)	1028·7	-1	E	5	b	63	55	8	-	-	0	-	0	•
Plymouth (Cattewater)	1028·7	0	SE	2	b	69	75	8	-	-	0	-	0	•
Portland Bill	1028·0	0	ENE	5	b	60	75	7	-	-	0	-	0	•
Southampton (Calshot)	1030·2	-1	SSE	4	b	63	55	8	-	-	0	-	0	•
Dungeness	1029·9	0	E	4	b	59	65	8	-	-	0	-	0	•
Guernsey	1028·3	-3	NNE	3	b	60	65	7	-	-	0	-	0	•

Observations at 1800 G.M.T. 28th

STATIONS.	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick														
Stornoway	1022·1	+1	E	4	or ro	43	97	6	2500	Nb	10	-	10	3
Wick	1024·5	+5	NNW	2	c	52	85	6	4000	Cu	8	-	8	1
Castlebay	1021·7	+4	NNW	3	o|r	53	97	8	5750	Sc.Cu	10	-	10	0
Nairn	1027·0	+3	NW	4	c|f	53	85	6	1500	St	8	-	8	3
Aberdeen	1022·6	•	W	3	b-	61	55	8	4000	Cu	3	-	3	•
Malin Head	1022·5	+2	W'N	3	b	67	45	8	-	-	0	-	0	0
Renfrew														
Edinburgh (Inchkeith)	1027·1	+1	W	3	b-	56	75	9	2500	Sc.Cu	2	Ci	3	•
Eskdalemuir	1024·5	-1	W	5	b-	56	75	8	-	-	0	Ci.St	1	4
Tynemouth	1027·1	+1	W'N	4	bc-	57	75	8	1500	Sc.Cu	5	-	5	•
	1025·8	0	W	3	b-	68	55	7	-	-	0	Ci	2	0
Blacksod Point	1029·0	0	W'S	2	om	55	92	7	-	-	0	aSt	10	3
Donaghadee	1028·0	+2	NE	3	bc+	53	92	8	-	-	0	aCu	5	2
Birr Castle	1027·7	•	W	1	bc-	69	65	7	4000	St	2	Ci.Cu	4	•
Collinstown	1029·0	-1	SSE	2	b-	64	75	7	-	-	0	Ci	2	•
Holyhead	1028·5	-1	-	0	b-	62	55	9	-	-	0	aSt	2	0
Liverpool (Bidston)	1028·4	-1	NW'W	1	b	64	55	8	-	-	0	-	0	1
Chester (Shotwick)	1027·6	+1	WNW	3	b	65	65	8	-	-	0	-	0	•
Spurn Head	1026·9	-2	SE	4	bc-	61	85	7	-	-	0	aCu	4	3
Nottingham	1027·2	•	W	2	b	72	55	7	-	-	0	Ci	2	•
Cromwell	1027·1	-2	SW'W	3	b	72	55	6	-	-	0	aCu	1	•
Gorleston	1028·5	-2	S'E	4	b+	54	85	7	-	-	0	Ci.St	1	0
Valencia (Cahirciveen)	1029·1	0	NW	3	bc+	56	85	9	-	-	0	Ci.Cu	4	0
Roches Point	1028·6	0	SW	1	b	58	85	8	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1029·0	-1	N	1	b	61	65	7	-	-	0	-	0	3
Ross-on-Wye	1026·7	-3	WSW	1	b	72	45	8	-	-	0	-	0	•
Benson	1028·7	-1	N	1	b	75	45	8	-	-	0	-	0	•
S. Farnborough	1026·8	-1	E	2	b	72	55	8	-	-	0	-	0	•
London (Kew Obsy.)	1028·1	-1	ESE	3	b	69	55	7	-	-	0	-	0	•
Croydon	1028·1	0	ENE	3	b	66	55	8	-	-	0	-	0	•
Clacton-on-Sea	1029·4	-1	E	3	b	57	75	7	-	-	0	-	0	0
Shoeburyness	1029·6	-2	E	3	b	57	65	8	-	-	0	-	0	-
Grain	1029·0	-2	E	4	b	59	65	8	-	-	0	-	0	3
Lympne	1028·6	-1	NE	3	b	59	65	8	-	-	0	Ci.St	1	•
Scilly (St. Mary's)	1027·7	0	E	2	b	64	65	7	-	-	0	-	0	2
Falmouth (Pendennis)	1028·7	-2	E	4	b	61	65	8	-	-	0	-	0	0
Plymouth (Cattewater)	1027·6	-1	E	2	b	67	45	8	-	-	0	-	0	
Portland Bill	1027·7	-1	ENE	4	b	58	75	7	-	-	0	-	0	2
Southampton (Calshot)	1028·4	-2	SE	4	b	61	65	7	-	-	0	Ci.St	1	0
Dungeness	1028·6	-2	E	4	b	55	97	8	-	-	0	-	0	4
Guernsey	1027·0	-1	N'E	4	b	58	65	7	-	-	0	-	0	1

LONDON OBSERVATIONS.

	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. 29								YESTERDAY.	TO-DAY.	
Kew											
Croydon } 24 hours ended 0700	by.bz	by.zby	by.bwz	•	•	38	-	-	14·7	•	•
Greenwich (Royal Obsy.)	by	by	bywbwz	•	•	42	-	-	14·6	•	•
City (Bunhill Row)	bz	bz	b	73	45	34	-	-	14·8	48	44
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	•	13·9	•	•
Regent's Pk. (Botanic Gdns.)	•	•	•	72	50	46	-	-	14·5	36	48
Camden Square	•	•	•	•	•	•	•	•	14·1	•	•
Kensington Palace	bz	b	•	74	50	46	-	-	•	•	59
Hampstead Observatory	b	b	•	73	50	42	-	-	•	51	56
	•	•	•			•			14·4	•	

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1000 G.M.T.

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 28 21 h. m. to 29 3 h. m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	6·0	6·0	100
ζ Ursae Minoris	6·0	6·0	100

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.

29 & 30 MAY, 1922.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.41 / 3.40	11.50 / 11.50	7.59 / 8.0
Greenwich	3.53 / 3.52	11.57 / 11.57	8.1 / 8.2
Wick	3.22 / 3.20	12.9 / 12.9	8.57 / 8.58
Valencia	4.33 / 4.32	12.38 / 12.38	8.43 / 8.44

BEAUFORT NOTATION OF WEATHER.

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

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

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

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

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

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

SEA DISTURBANCE.

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

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

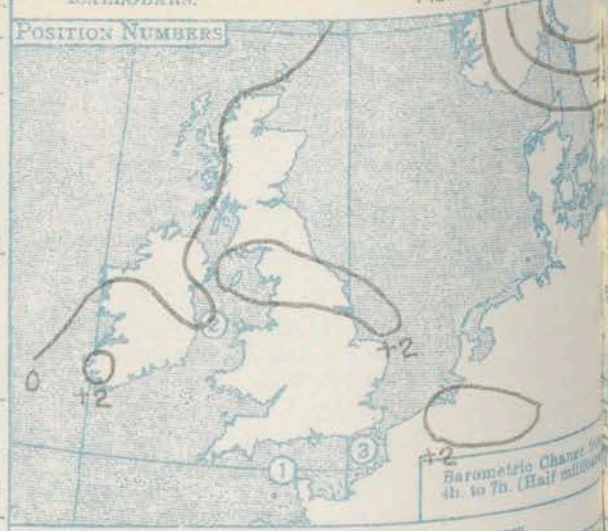
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 28th	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. Hours.
Lerwick	r or d	r or d	c	c	45	42	•	1	0·1	<0800	<2100	•
Stornoway	c	c	c	c	55	45	•	0·3	–	–	–	2·8
Wick	orr	oldo	omed	oo	59	45	•	1	0·2	<0800	<2100	•
Castlebay	rofom	omco	o	odp	54	48	•	trace.	trace		–	5·6
Nairn	c.bcq		bc	bc	66	40	•	–	–	–	–	10·1
Aberdeen	ozbq	b or bc	b.bc.b	b or bc	70	46	39	–	–	–	–	8·2
Malin Head[4]	oo	ocbcvb	bmw		60	37	29	–	–	–	–	3·3
Renfrew	oo	c	b or bc	b or bc	58	45	42	–	–	–	–	4·5
Edinburgh (Inchkeith)	oo	ocbc	bc.	bc.b	62	36	?	–	–	–	–	2·9
Eskdalemuir	c	b or bc	b or bcm	b or bcm	70	48	43	–	–	–	–	•
Tynemouth												
Blackrod Point ...	f or m	oo	oo	b or bc	56	51	•	–	–	–	–	•
Donaghadee	c	bc	c	oF	70	47	•	–	–	–	–	•
Birr Castle	b or bc	bc	bc	bc	70	46	37	–	–	–	–	13·5
Collinstown	b or bc	b or bc	b or bc	b or bc	68	47	?	–	–	–	–	12·2
Holyhead	bcbvy	bbvy	b or bc	b	66	56	46	–	–	–	–	14·3
Liverpool (Bidston) ...	b or bc	b or bc	b or bc		65	53	44	–	–	–	–	14·2
Chester (Shotwick) ...	b or bc	b	b	bcwm	69	41	32	–	–	–	–	•
Spurn Head	b or bc	b or bc	b or bc	b or bc	75	52	•	–	–	–	–	13·5
Nottingham	b or bc	b or bc	b	b or bcm	75	48	44	–	–	–	–	13·9
Cranwell	bcb	bc	bc	bm	73	46	39	–	–	–	–	14·6
Gorleston	b	b	b or bc	b	56	47	42	–	–	–	–	15·0
Valencia (Cahirciveen)	bcb	b	b	b.bcw	60	44	41	–	–	–	–	14·8
Roches Point	FFb	b	bw	bw	60	48	•	–	trace	–	–	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	62	51	•	–	–	–	–	15·0
Ross-on-Wye	bz by	by	by.bc.b	mwbc.b	75	47	43	–	–	–	–	14·1
Benson...	b	b	b	b	75	44	38	–	–	–	–	*
S. Farnborough ...	by	by	by.bm	bmw	75	42	41	–	–	–	–	14·9
London (Kew Obsy.) ..	bybyz	byz by	by.b	b.bwz	72	48	38	–	–	–	–	14·7
Croydon	by	by	bywl	b or bcwz	71	47	42	–	–	–	–	14·6
Clacton-on-Sea ...	b	b	b.bc	bc.b	59	49	43	–	–	–	–	14·6
Shoeburyness	b	b	b.bc	b	60	46	40	–	–	–	–	14·7
Grain	b	b	b	b	60	42	36	–	–	–	–	14·8
Lympne ...	b or bc	b or bc	b	b or bc	63	48	39	–	–	–	–	15·0
Scilly (St. Mary's)	b	b	b	b	67	52	•	–	–	–	–	14·8
Falmouth (Pendennis)	b	b	b	b	64	50	•	–	–	–	–	14·8
Plymouth (Cattewater)	b or bc	b or bc	b	b or bc	70	49	39	–	–	–	–	14·8
Portland Bill	b or bc	b or bc	b or bc	b or bc	61	52	•	–	–	–	–	•
Southampton (Calshot)	b or bc	b or bc	b or bc	b or bc	64	51	46	–	–	–	–	14·8
Dungeness ...	b or bc	b or bc	b or bc	b or bc	61	45	•	–	–	–	–	•
Guernsey	bbcz	b or bc	b or bc	b or bc	61	51	•	–	–	–	–	15·0

ISALLOBARS. Monday 29th MAY 1922

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	28th –	–	–	–	0	54	51

GENERAL INFERENCE.

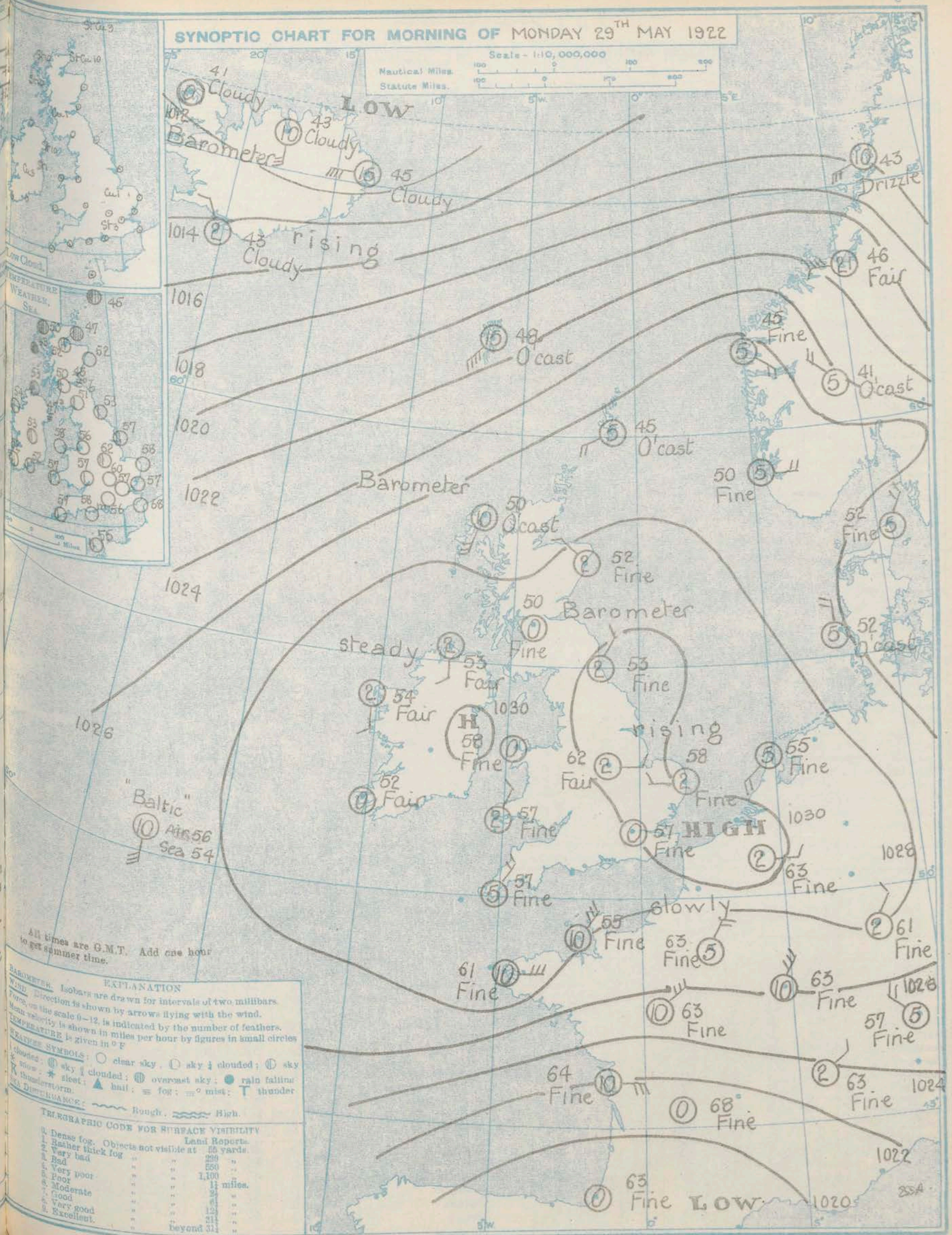
A very large anticyclone which includes the whole British Isles will cause fine quiet weather generally. High day temperatures are probable inland over England and Ireland and fine weather will probably continue for several days in these regions.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 29th May, 1922.	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 12. S.W. Scotland 13. Isle of Man	Wind light and indefinite; fine; visibility mainly good but some mist on the coast; very warm inland.	Fine quiet weather for several days over England and Ireland. Over the Southern, Eastern and Central parts of England the weather will probably be mainly fine for the rest of the week. -------
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Light to moderate S.W. winds fresh at times on the coast; varying amount of cloud, perhaps occasional showers; visibility good; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 13.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF MONDAY 29TH MAY 1922



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

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. 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 thunderstorm.
SEA DISTURBANCE: Rough. High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY

		Land Reports.
0. Dense fog. Objects not visible at		55 yards.
1. Rather thick fog	"	110 "
2. Very bad	"	220 "
3. Bad	"	550 "
4. Very poor	"	1,100 "
5. Poor	"	1¼ miles.
6. Moderate	"	2 "
7. Good	"	4 "
8. Very good	"	12 "
9. Excellent.	"	31 "
	beyond	31 "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.....Monday 29 MAY.....1922. No.149.....

Observations at 0100 G.M.T. 29

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1026.6	+6	S	2	c-	43	97	6	-	CuNb	4	aCu	7	•
Stornoway	1029.0	+3	-	0	co-	•	•	5	•	•	•	•	•	•
Wick	1027.1	+5	NW	2	o/r	47	92	8	800	St	10	-	10	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head														•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1028.4	+3	WSW	4	b	47	92	7	-	-	0	-	0	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1027.9	+2	W	2	b	55	85	6	-	-	0	-	0	•
Blacksod Point ...	1028.9	0	SE	1	0	53	97	5	-	-	0	aSt	10	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Collinstown	1030.5	+2	NNE	1	bc	50	97	7	1500	St	2	aCu	5	•
Holyhead	1028.7	+1	NW	1	b	•	•	8	-	-	0	aSt	1	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1028.3 ~~1030.3~~	+1	SSW	1	b	52 ~~49~~	85	7	-	-	0	-	0	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1029.0	+2	NNW	2	b	54	85	7	-	-	0	-	0	•
Gorleston	1028.5	0	SW	2	b	49	75	8	-	-	0	-	0	•
Valencia (Cahirciveen)	1030.7	?	SE	1	b	52	85	9	-	-	0	aCu	1	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1029.4	+1	NE	1	b	55	75	7	-	-	0	-	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	53	•	•	•	•	•	•	•	•
Croydon	1029.4	0	S	1	b-	50	75	8	-	-	0	-	0	•
Cleaton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1028.9	0	E	3	b	52	92	8	-	-	0	-	0	•
Scilly (St. Mary's) ...	1027.9	0	E	2	b	53	85	8	-	-	0	-	0	•
Falmouth (Pendennis)	1028.8	0	NNE	2	b	54	85	8	-	-	0	-	0	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1027.7	0	ENE	3	b	55	85	7	-	-	0	-	0	•
Southampton (Calshot)	1029.4	0	-	0	b	54	75	7	-	-	0	-	0	•
Dungeness	1028.8	0	ENE	2	b-	52	97	8	-	-	0	Ci	1	•
Guernsey	1026.4	0	NNE	4	b	56	75	7	-	-	0	-	0	•

Observations at 0700 G.M.T. 29

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	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1026.7	0	WSW	2	0	45	92	7	5750	StCu	3	aSt	10	0
Stornoway	1026.3	?	SSW	3	0+	50	85	6	800	St	10	-	10	1
Wick	1027.5	0	SE	1	0	47	92	9	5750	StCu	10	-	10	0
Castlebay	1028.4	0	S	3	od	49	92	6	800	St	10	-	10	2
Nairn	1027.9	•	W	1	bc+	52	75	8	1500	Cu	5	-	5	•
Aberdeen	1029.3	+1	NW	1	b	52	75	8	-	-	0	-	0	0
Malin Head														•
Renfrew	1029.8	+1	-	0	b	50	85	6	4000	Cu	1	-	1	•
Edinburgh (Inchkeith)	1029.3	+1	WSW	2	mmb	46	97	6	-	-	0	Ci	1	2
Eskdalemuir	1029.9	+2	-	0	b	51	65	8	-	-	0	CiSt	1	•
Tynemouth	1030.1	+2	NNE	1	b	53	75	6	-	-	0	aSt	1	0
Blacksod Point ...	1029.7	0	S	1	bc-	54	85	9	-	-	0	aCu	4	0
Donaghadee	1029.9	+2	E	1	fo+	47	97	2	800	St	10	-	10	0
Birr Castle	1029.0	•	W	1	bc+	53	97	8	4000	Cu	3	CiCu	5	•
Collinstown	1030.4	0	E	2	b	55	97	7	1500	St	1	aSt	2	•
Holyhead	1029.3	0	-	0	b	58	65	8	-	-	0	aSt	1	0
Liverpool (Bidston) ...	1029.9	+1	NW	1	b	56	85	7	-	-	0	CiSt	3	1
Chester (Shotwick) ...	1029.1	+1	SE	1	c+	55	85	4	-	-	0	Ci	7	•
Spurn Head	1030.1	+2	N	3	bc	57	85	6	-	-	0	Ci	4	2
Nottingham	1030.2	•	E	1	bc+	62	75	6	-	-	0	Ci	4	•
Cranwell	1029.8	+2	N'W	2	b	61	75	6	-	-	0	-	1	•
Gorleston	1029.0	0	W	1	b	58	65	7	-	-	0	-	0	0
Valencia (Cahirciveen)	1029.6	+2	-	0	bc	52	85	8	-	-	0	CiCu	4	0
Roches Point	1029.2	+1	NW	1	b+	52	92	7	-	-	0	Ci	1	0
Pembroke (St. Ann's H.)	1029.5	+1	NNE	1	b+	57	75	7	-	-	0	aCu	2	2
Ross-on-Wye	1029.4	+1	NW	1	b	57	75	7	-	-	0	aCu	3	•
Benson...	1029.7	+1	-	0	b	60	75	8	-	-	0	-	0	•
S. Farnborough ...	1029.5	+1	-	0	mb-	56	85	5	-	St	3	-	3	•
London (Kew Obsy.) ...	1030.5	+1	-	0	b	57	65	6	-	-	0	CiSt	1	•
Croydon	1029.8	0	-	0	b	60	65	6	-	-	0	-	0	•
Cleaton-on-Sea ...	1030.3	+1	S	1	b	57	85	7	-	-	0	-	0	0
Shoeburyness	1030.6	+1	NNE	1	b	59	75	8	-	-	0	-	0	0
Grain	1030.3	+1	-	0	b	58	75	7	-	-	0	CiSt	1	•
Lympne	1029.6	+1	ESE	3	b	61	65	8	-	-	0	-	0	0
Scilly (St. Mary's) ...	1027.5	0	E	3	b	59	75	7	-	-	0	-	0	3
Falmouth (Pendennis)	1029.3	+1	NE	2	b	57	75	8	-	-	0	Ci	2	0
Plymouth (Cattewater)	1029.1	+2	-	0	b	59	65	8	-	-	0	-	0	0
Portland Bill	1028.6	+2	E	3	b	58	75	7	-	-	0	-	0	1
Southampton (Calshot)	1030.0	+1	N'E	2	b	57	65	7	-	-	0	-	0	0
Dungeness	1029.6	+1	ENE	2	b	58	85	8	-	-	0	CiSt	2	2
Guernsey	1028.0	+1	NNE	3	b	55	85	7	-	-	0	-		1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sun 28*

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 27-28 °F.	Temperature. Max. Day. 28 °F.	Rainfall.† Night 17h.-9h. 27-28 mm.	Rainfall.† Day 9h.-17h. 28 mm.	Sunshine. Sunrise to 17h. 28 hr.	Sunshine. Sunrise to Sunset. 27 hr.
Banff	oc	cbc	37	67	0.1	-	5.1	8.4
Montrose	cbc	bc	41	67	-	-	4.4	8.4
Llandudno	bcb	cb	41	64	-	-	10.8	13.9
Colwyn Bay ...	bc	b	46	61	-	-	10.7	14.3
Rhyl...	b	b	41	63	-	-	11.3	14.1
Southport	bbcb	b	44	63	-	-	10.7	14.2
Blackpool	bc	bc	44	64	-	-	9.7	13.6
Harrogate	b	b	40	71	-	-	9.7	8.8
Skegness	b	b	45	68	-	-	12.6	14.7
Aberystwyth ...	cbb	b	43	63	-	-	12.5	15.3
Bath	b	b	44	75	-	-	11.7	13.0
Leamington Spa ...	b	b	42	75	-	-	11.3	14.5
Lowestoft	b	b	45	58	-	-	12.8	14.6
Felixstowe	b	b	48	58	-	-	12.7	14.6
Southend	b	bv	51	63	-	-	11.7	13.8

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night. 27-28 °F	Temperature. Max. Day. 28 °F	Rainfall.† Night 17h.-9h. 27-28 mm	Rainfall.† Day 9h.-17h. 28 mm	Sunshine. Sunrise to 17h. 28 hr.	Sunshine. Sunrise to Sunset. 27 hr.
Paignton	b	b	49	63	-	-	12.3	14.9
Ilfracombe	b	b	58	67	-	-	12.2	15.0
Bude	b	b	41	69	-	-	12.4	14.3
Penzance	b	c	52	69	-	-	12.0	13.8
Falmouth Observatory	bby	by	51	67	-	-	12.4	14.9
Torquay	b	b	52	68	-	-	12.0	14.9
Weymouth	b	b	52	66	-	-	12.2	14.6
Bournemouth ...	b	b	47	69	-	-	11.8	14.6
Portsmouth (S'thsea)	b	b	51	66	-	-	12.4	15.1
Worthing	b	b	49	65	-	-	12.4	14.6
Brighton	b	b	50	65	-	-	12.0	14.2
Eastbourne	b	b	50	60	-	-	12.6	13.1
Hastings	b	b	49	64	-	-	12.5	11.3
Folkestone	b	b	48	68	-	-	12.0	12.8
Tunbridge Wells ...	b	b	47	70	-	-	12.4	14.2
Ramsgate	b	b	58	68	-	-	12.3	14.6
Margate ...	b	b	49	58	-	-	12.1	14.1
Deal	b	b	47	62	-	-	12.6	14.5

* 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.22104 Tuesday, 30th May 1922. Page 1.

Observations at 1300 G.M.T. 29th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1026.2	-1	WSW	3	o	47	85	7	5700	St.Cu	10	-	10	*
Stornoway	1026.5	0	SSW	4	o	52	55	6	800	St.	10	-	10	*
Wick	1027.1	0	S	2	o	49	97	9	-	-	0	A.Cu	10	*
Castlebay	1028.2	0	SSW	4	mmo	51	97	5	800	St.	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028.5	-1	S'E	3	b	55	75	8	-	-	0	A.Cu	3	*
Malin Head														*
Renfrew	1029.2	0	W	2	c-	65	65	9	2500	Cu	5	Ci	7	*
Edinburgh (Inchkeith)	1028.2	-2	WSW	3	c+	62	65	7	-	St.Cu	1	Ci.St	8	*
Eskdalemuir	1028.5	0	SW	3	bc+	66	55	8	4000	Cu	5	-	5	*
Tynemouth	1029.7	-2	SSE	1	b	58	85	6	-	-	0	A.Cu	3	*
Blacksod Point	1029.6	+1	SW	1	bc	59	85	9	-	-	0	A.Cu	4	*
Donaghadee	1029.3	0	S	1	b	56	75	7	-	-	0	Ci.Cu	1	*
Birr Castle	1028.9	*	SW	1	b-	70	65	8	4000	Cu	2	Ci.Cu	3	*
Collinstown	1030.7	+1	ESE	1	b	67	55	7	4000	Cu	1	-	1	*
Holyhead	1029.6	0	-	0	b	61	65	8	-	-	0	-	0	*
Liverpool (Bidston)	1029.2	-1	NNE	1	bc	68	65	6	4000	St.	3	Ci.St	4	*
Chester (Shotwick)	1028.3	-2	ESE	1	b	79	55	7	-	-	0	Ci	2	*
Spurn Head	1030.9	0	E	2	b-	64	85	6	-	-	0	Ci.	1	*
Nottingham	1029.4	*	SW	2	b	76	45	7	4000	Cu	1	Ci	2	*
Cranwell	1029.3	-1	S	2	b	75	55	8	-	-	0	Ci	2	*
Gorleston	1030.0	+1	ENE	2	c+	61	75	7	-	-	0	Ci.Cu	8	*
Valentia (Cahirciveen)	1029.9	+1	WNW	1	b-	65	65	8	-	-	0	A.St	3	*
Roches Point	1030.3	+1	S	1	bc+	61	85	8	-	-	0	Ci.St	5	*
Pembroke (St. Ann's H.)	1030.4	0	NNW	1	b	65	55	7	-	-	0	Ci	2	*
Ross-on-Wye	1028.3	-2	S	2	b	77	45	7	5700	Cu	2	Ci	3	*
Benson	1029.4	-1	-	0	b	76	45	8	-	Cu	1	-	1	*
S. Farnborough	1029.4	-1	SE	2	b	78	45	8	-	-	0	Ci	1	*
London (Kew Obsy.)	1029.6	-1	ESE	2	b	76	45	6	-	-	0	A.Cu	1	*
Croydon	1029.4	-1	SE	2	b	76	45	8	-	-	0	A.Cu	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1030.6	0	SE	1	b+	66	55	8	-	-	0	A.Cu	3	*
Grain	1030.6	0	ENE	4	bc+	66	65	8	-	-	0	Ci	4	*
Lympne	1029.8	0	ESE	3	b+	70	55	8	-	-	0	A.Cu	2	*
Scilly (St. Mary's)	1028.7	0	NE	3	b	69	85	7	-	-	0	Ci.Cu	2	*
Falmouth (Pendennis)	1029.4	0	ESE	4	b	65	75	8	-	-	0	Ci	2	*
Plymouth (Cattewater)														*
Portland Bill	1028.6	0	E	2	b	60	85	7	-	-	0	-	0	*
Southampton (Calshot)	1030.0	0	SSE	4	b-	65	55	8	-	-	0	-	0	*
Dungeness	1029.8	0	E	3	b	66	65	9	-	-	0	-	0	*
Guernsey	1028.2	0	N'E	5	b	60	75	7	-	-	0	-	0	*

Observations at 1800 G.M.T. 29th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1024.7	-3	WSW	3	od$_o$d$_o$	47	92	6	2500	Nb	10	-	10	2
Stornoway	1026.0	0	SSW	4	o	52	97	6	800	St.	10	-	10	3
Wick	1026.0	-2	SSW	2	o	50	97	8	5700	St.Cu	10	-	10	0
Castlebay	1028.2	0	WSW	4	ffo	51	97	4	800	St.	10	-	10	3
Nairn	1026.5	*	W	2	c+	62	65	8	1500	St.Cu	8	-	8	*
Aberdeen	1027.5	-1	SSE	2	b	51	85	8	-	St	2	-	2	0
Malin Head														*
Renfrew	1028.7	0	SW	2	bc	65	75	8	4000	St.Cu	3	Ci.	4	*
Edinburgh (Inchkeith)	1027.0	-1	WSW	3	c	64	65	8	-	St.Cu	1	Ci.St	6	2
Eskdalemuir	1028.1	0	SW	2	b	66	65	8	4000	Cu	2	-	2	*
Tynemouth	1028.5	0	S	2	b	58	75	6	4000	Cu.Nb	2	A.Cu	3	0
Blacksod Point	1030.2	0	WSW	3	c	57	85	9	-	-	0	Ci.Cu	8	3
Donaghadee	1028.4	-1	S	1	bc+	58	85	8	-	-	0	Ci.Cu	5	1
Birr Castle	1028.7	*	W	1	c+	69	75	8	4000	St.Cu	4	Ci.Cu	6	*
Collinstown	1030.0	-1	ESE	2	c	63	55	7	-	-	0	Ci.St	6	*
Holyhead	1030.1	-1	-	0	c⊕	56	85	8	-	-	0	Ci.St	7	0
Liverpool (Bidston)	1028.9	0	NNW	1	b	67	75	7	-	-	0	A.Cu	2	1
Chester (Shotwick)	1028.2	+1	W	3	b+	69	55	7	-	-	0	Ci	3	*
Spurn Head	1029.2	-1	SE	3	c+	56	92	6	2500	Cu.Nb	2	A.Cu	7	3
Nottingham	1028.1	*	S	1	bc	75	55	7	2500	Cu	1	Ci	4	*
Cranwell	1028.3	0	E'S	3	b	70	75	8	4000	Cu	1	Ci.St	3	*
Gorleston	1029.8	0	ESE	1	b	57	85	7	-	-	0	Ci.	1	0
Valentia (Cahirciveen)	1029.9	0	W'N	2	bc+	62	55	8	-	-	0	A.St	4	0
Roches Point	1029.5	0	SE	1	bc	60	75	8	-	-	0	Ci.St	5	0
Pembroke (St. Ann's H.)	1029.7	-1	N	1	b	68	35	7	-	-	0	-	0	2
Ross-on-Wye	1027.6	-2	SE'S	1	b	76	45	8	4000	St.Cu	1	Ci	2	*
Benson	1028.7	-1	ENE	1	b	76	55	6	-	-	0	-	0	*
S. Farnborough	1027.6	0	-	0	bc	77	45	8	5700	Cu	4	-	4	*
London (Kew Obsy.)	1028.9	-1	E	3	b	75	45	8	-	-	0	Ci.St	2	*
Croydon	1028.8	0	E	3	b	72	45	8	-	-	0	Ci.St	1	
Clacton-on-Sea	1029.7	-1	ESE	2	b	62	65	7	-	-	0	A.Cu	3	0
Shoeburyness	1030.0	-1	SSE	1	b	62	65	9	-	-	0	Ci.St	3	*
Grain	1029.7	-1	E	1	b	67	55	8	-	-	0	Ci	2	0
Lympne	1029.6	0	NE	3	b	66	55	8	-	-	0	A.St	2	*
Scilly (St. Mary's)	1028.4	0	E'S	2	b	65	75	8	-	-	0	Ci.Cu	2	2
Falmouth (Pendennis)	1029.0	-1	ENE	3	b	52	75	8	-	-	0	Ci	2	0
Plymouth (Cattewater)	1028.2	0	ESE	2	b	69	35	8	-	-	0	-	0	0
Portland Bill	1028.6	0	E	2	b	61	85	7	-	-	0	-	0	0
Southampton (Calshot)	1029.1	0	SE	2	b	63	65	8	-	-	0	-	0	0
Dungeness	1029.0	-1	ENE	3	b	60	85	8	-	-	0	-	0	3
Guernsey	1026.5	-2	NNE	4	b	61	65	7	5700	St.	3	-	3	2

London Observations.

24 Hours ended 0900 G.M.T. 30th

London Observations	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)
Kew	bcz	bzyt/	b.bmw	*	*	41	-	-	13.2	*	*
Croydon {24 hours ended 0700	bzy	by	byabcwm2/.	*	*	43	-	-	14.6	*	*
Greenwich (Royal Obsy.)	b	b	bjpz	79	49	38	-	-	14.6	38	50
City (Bunhill Row)	*	*	*	*	*	*	*	*	12.6	*	*
Westminster (St. James' Pk.)	*	*	*	79	54	48	-	-	13.5	43	54
Regent's Pk. (Botanic Gdns).	*	*	*	*	*	*	*	*	12.0	*	*
Camden Square	b	b	*	81	53	49	-	-	*	*	57
Kensington Palace	b	b	*	80	52	44	-	-	*	45 (18h)	52
Hampstead Observatory	*	*	*	76	56	40	-	-	13.9	*	55

Atmospheric Pollution. *Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 29th

South Kensington Max.	Time.	Min.	Time.
0.3	18h 28th	0.3	1h 29th
0.6	7h 29th		

Kew Observatory Max.	Time.	Min.	Time.
0.6	10h 29th	<0.3	20h 28th

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate ....Milliwatts.

Maximum Rate ....Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 29th 21 h. p.m. to 30th 3 h. a.m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	6.0	6.0	100
δ Ursae Minoris	6.0	5.54	98

Radio Disturbances (Atmospherics) at Croydon.[1]

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. 30th + 31st May, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.40	11.50	8.0
	3.39	11.50	8.1
Greenwich	3.52	11.57	8.2
	3.51	11.57	8.3
Wick	3.20	12.9	8.58
	3.19	12.9	8.59
Valencia	4.32	12.38	8.44
	4.31	12.38	8.45

Beaufort Notation of Weather.

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

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

Sea Disturbance.

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

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

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 29th	13h.-18h. 29th	18h. 29th to 1h. 30th	1h.-7h. 30th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	c	r.ord	r or d	r or d	48	46	•	0.5	1	1430	<2100	•
Stornoway	o	o	c	oo	55	50	•	–	–	–	–	0.4
Wick	o	o	c	oo	51	47	•	–	–	–	–	•
Castlebay	r.or.d	omoff	of.orm.o	o	51	50	•	Trace	–	–	–	0.0
Nairn	bccg		cg	cg	63	52	•	–	–	–	–	7.3
Aberdeen	b.orbc	b.orbc	b.off	f.b.	56	44	38	–	–	–	–	12.9
Malin Head*	b.bc.oc	cbcv	o.bc	cfmw	67	44	35	–	–	–	–	13.0
Renfrew	c	c	b or bc	b or bc	65	49	47	–	–	–	–	14.2
Edinburgh (Inchkeith)	by.bcy	bc3	b.bc	bc.c.ofc	68	38	36	–	trace	–	–	13.5
Eskdalemuir	m	m	mp	b or bcm	60	53	45	–	–	–	–	•
Tynemouth												
Blacksod Point ...	b.orbc	b.orbc	b or bc	b or bc	59	48	•	–	–	–	–	•
Donaghadee	bc	bc	bc	bcm	59	43	•	–	–	–	–	•
Birr Castle	bc	co	c.o.bcz	bcz	72	46	38	–	–	–	–	12.3
Collinstown	c	b.or bc	c	b or bc	67	47	•	–	–	–	–	11.9
Holyhead	b	b.or bc	b	bc.c	67	49	41	–	–	–	–	13.8
Liverpool (Bidston) ...	b.bcm	b or bc	bm		72	55	44	–	–	–	–	12.5
Chester (Shotwick) ...	b.orbc	b	b	bc.cwm	79	43	31	–	–	–	–	•
Spurn Head	b.orbc	b.orbc		b or bc	64	53	•	–	–	–	–	8.7
Nottingham	b.orbc	b.orbc	b	b or bcm	79	54	49	–	–	–	–	9.2
Cranwell	mcb	bc.b	b or bc	b.bcm	78	51	44	–	–	–	–	12.8
Gorleston	b.bc	cbcb	b.bc.b	b.o.c.bc	67	52	46	–	–	–	–	11.5
Valencia (Cahirciveen)	bcb	b3bc	b	bzw	65	47	44	–	–	–	–	14.9
Roches Point	bc	bc	bc.b	bwz	67	50	•	–	trace	–	–	•
Pembroke (St. Ann's H.)	b.orbc	b.orbc	b or bc	b or bc	69	54	•	–	–	–	–	14.3
Ross-on-Wye	bcby3	bcy3by	bcy.c.bc.b	bmw.bz	79	52	48	–	–	–	–	12.8
Benson	b	b	bc.b	b	79	48	41	–	–	–	–	•
S. Farnborough ...	b or bc	b.or bc	bc bmw	bmw	81	45	42	–	–	–	–	13.8
London (Kew Obsy.) ...	bc3	b3yby	b	bmw bmw	79	51	41	–	–	–	–	13.2
Croydon	b3y	by	by.c.	b.bcwmz	77	51	43	–	–	–	–	14.6
Clacton-on-Sea ...	b.bc		bc.b	b or bc	63	51	45	–	–	–	–	14.2
Shoeburyness	b	b	b	bcw	68	47	41	–	–	–	–	14.2
Grain	b.bc	bc.b	b.bc	b.bc	67	46	40	–	–	–	–	13.6
Lympne	b	b	b	b.bc.b	71	51	39	–	–	–	–	15.6
Scilly (St. Mary's)	b	b	b	b	70	53	•	–	–	–	–	14.9
Falmouth (Pendennis)	b	b	b	b	65	51	•	–	–	–	–	14.8
Plymouth (Cattewater)		b.orbc	b	b	71	52	39	–	–	–	–	14.7
Portland Bill	b.orbc	b.orbc	b or bc	b or bc	63	52	•	–	–	–	–	•
Southampton (Calshot)	b	b or bc	b or bc	b or bc	66	53	47	–	–	–	–	15.0
Dungeness	b.orbc	b.orbc	b or bc	b or bc	66	48	•	–	–	–	–	•
Guernsey	b.orbc	b.orbc	b or bc	b or bc	64	55		–	–	–	–	14.8

30th May 1922

ISALLOBARS.

POSITION NUMBERS

-4 -2 0 +2 1 3

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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	29th 0200	Dieppe	NE	1	bc	52	53
3	30th 0300	Brighton	NE	2	bc	55	53

GENERAL INFERENCE.

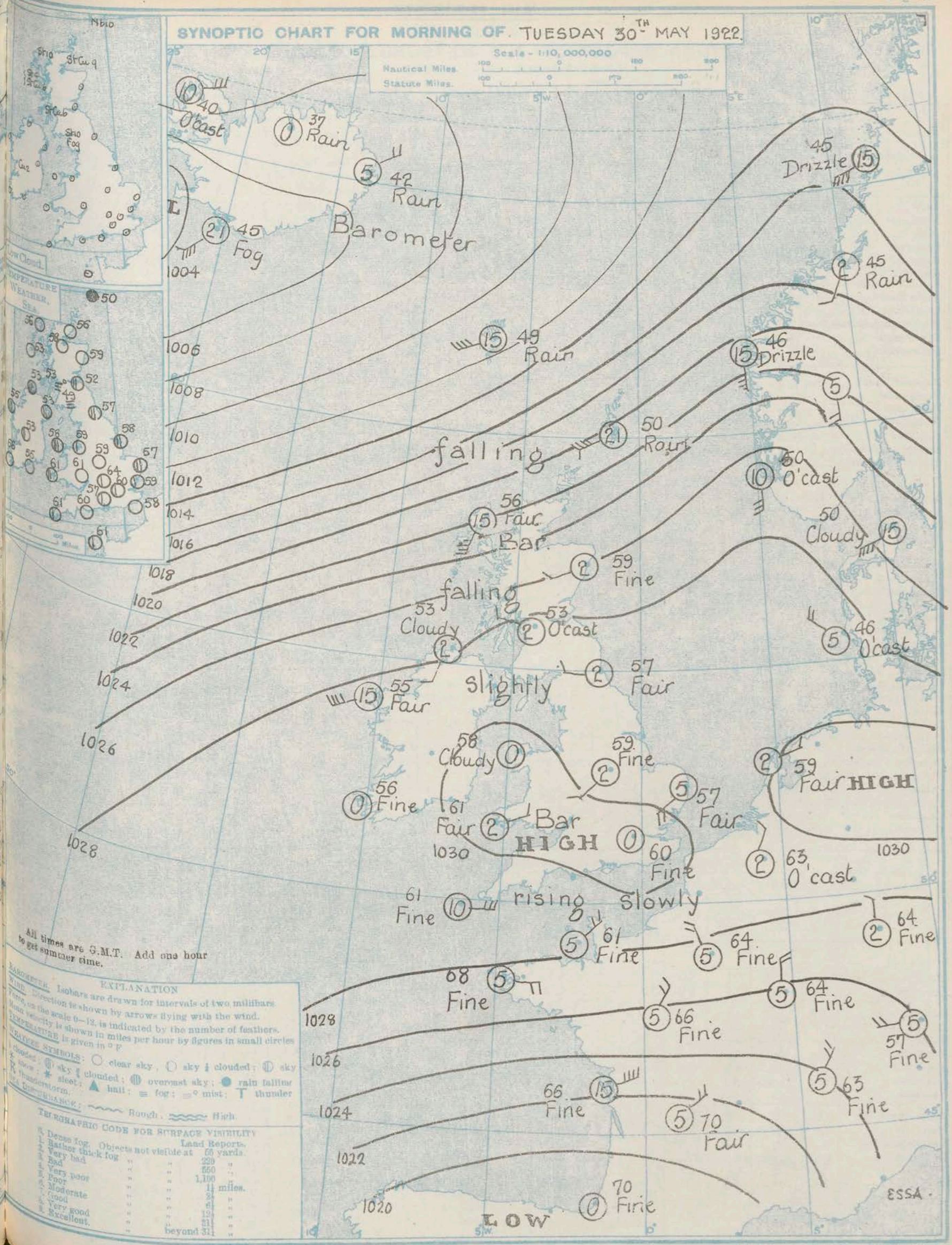
Except in Scotland and North Ireland where small secondary depressions may cause local rain fine warm weather will be maintained for several days by the anticyclone covering most of the British Isles. In Central, Southern and Eastern England the fine weather will probably continue till the end of the week.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 30th May, 1922	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 light variable; fine; visibility mainly good but some haze; very warm.	Fine and warm for several days except in Scotland and North Ireland probably fine till end of the week in Central, Southern and Eastern 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 S.W. to W., light or moderate, fresh at times; cloudy, perhaps rain in places; local mist or fog.	
19. S.E. Ireland 20. S.W. Ireland	As for 1 - 10.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 GMT.

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

* For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF TUESDAY 30TH MAY 1922.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Cloud.
Temperature Weather. Sea.
Barometer
falling
falling
slightly
rising slowly
HIGH
HIGH
LOW
ESSA
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Wind velocity is shown in miles per hour by figures in small circles.
Temperature is given in ° F.
Weather symbols: clear sky; sky ¼ clouded; sky ½ clouded; overcast sky; rain falling; shower; sleet; hail; fog; mist; thunder; thunderstorm.
Sea Disturbance: Rough; High.
Telegraphic Code for Surface Visibility
Land Reports.
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 " " 1½ miles.
5 Poor " " 3 "
6 Moderate " " 6 "
7 Good " " 12 "
8 Very good " " 21 "
9 Excellent. " " beyond 31 "

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Tuesday, 30th May....1922. No. 150.

Observations at 0100 G.M.T. 30th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1024·0	+2	WSW	5	od	49	97	6	2500	Nb	10	-	10	•
Stornoway	1026·0	0	SW	3	co	•	•	5	•	•	•	•	•	•
Wick	1025·3	-2	SW	1	bc	53	92	9	7250	StCu	4	Ci	6	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head														•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1027·7	+1	WSW	3	b-	53	92	7	-	-	0	?	?	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1028·8	0	-	0	b/f	57	85	7	-	-	0	CiCu	2	•
Blacksod Point	1029·7	0	W	2	b	50	92	7	-	-	0	CiCu	3	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Collinstown	1031·1	+2	SSE	1	b-	50	92	6	1500	St	3	-	3	•
Holyhead	1029·7	0	-	0	b-	•	•	8	-	-	0	-	0	•
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1029·4	0	SSE	2	b	56	97	6	-	-	0	-	0	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1029·0	0	NE	1	b	55	97	7	-	-	0	-	0	•
Gorleston	1030·2	0	SW'S	1	b-	53	92	7	-	-	0	-	0	•
Valencia (Cabirciveen)														•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1030·0	0	NNE	2	b	60	?	8	-	-	0	`	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	1030·4	0	-	0	b-	54	85	8	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1030·3	+1	NE	3	b	53	85	8	-	-	0	CiSt	2	•
Scilly (St. Mary's)	1028·2	0	E	3	b	55	85	8	-	-	0	-	0	•
Falmouth (Pendennis)	1029·5	0	NE	3	b	53	92	8	2500	St	3	:	3	•
Plymouth (Cattewater)		•	•	•		•	•	•	•	•	•	•	•	•
Portland Bill	1029·2	+2	E	3	bt	59	75	7	-	-	0	Ci	2	•
Southampton (Calshot)	1030·3	0	-	0	b	56	90	8	-	-	0	CiSt	3	•
Dungeness	1029·7	+1	ENE	2	b	54	97	8	-	-	0	-	0	•
Guernsey	1028·9	+3	ENE	3	b	57	75	8	-	-	0	-	0	•

Observations at 0700 G.M.T. 30th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1020·4	-3	WSW	5	occ	50	97	6	2500	Nb	10	-	10	4
Stornoway	1022·3	-2	SW	4	o	56	75	6	800	St	10	-	10	3
Wick	1023·4	-1	SW	3	ot	56	92	8	5750	StCu	9	-	9	0
Castlebay	1025·8	0	SW	4	o	53	85	6	1500	StCu	10	-	10	3
Nairn	1025·3	•	W	1	c	58	75	8	1500	StCu	7	-	7	•
Aberdeen	1026·0	-3	W'S	1	b/f	59	65	8	-	-	0	Ci	1	0
Malin Head														•
Renfrew	1028·4	-1	WNW	1	mc	53	92	4	1500	StCu	6	aCu	8	•
Edinburgh (Inchkeith)	1027·5	-1	WSW	2	bc+	52	97	5	-	St	1	CiSt	6	2
Eskdalemuir	1028·9	0	-	0	FFo	49	97	1	4150	St	10	-	10	•
Tynemouth	1028·6	0	W	1	bc	57	85	6	-	-	0	CiCu	4	0
Blacksod Point	1028·7	-2	WSW	4	bc	55	85	9	-	-	0	aCu	5	3
Donaghadee	1028·2	-1	SW	1	bc	53	92	6	-	-	0	CiCu	5	0
Birr Castle	1029·4	•	SE	1	bc-	53	97	6	4000	Cu	2	CiCu	5	•
Collinstown	1030·4	-1	W'S	1	c	56	97	6	-	-	0	aSt	8	•
Holyhead	1030·6	+1	-	0	c+	57	75	8	-	-	0	aSt	7	0
Liverpool (Bidston)	1030·2	0	W	1	b	57	75	4	-	-	0	CiSt	2	1
Chester (Shotwick)	1029·1	0	-	0	c+	57	85	4	-	-	0	CiCu	8	•
Spurn Head	1029·5	0	W	2	bc	58	92	5	-	-	0	CiSt	5	1
Nottingham	1029·8	•	SW	1	b	59	85	5	-	-	0	Ci	3	•
Cranwell	1029·4	0	WSW	3	b	61	85	6	-	-	0	CiSt	3	•
Gorleston	1029·6	0	SW	2	bc-	57	85	6	-	-	0	CiCu	4	0
Valencia (Cabirciveen)	1029·1	-1	-	0	b	56	75	7	-	-	0	-	0	0
Roches Point	1029·7	0	-	0	b	55	92	6	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1030·5	+1	ENE	1	bc	61	55	6	-	-	0	CiSt	4	2
Ross-on-Wye	1030·2	+1	-	0	b	61	75	6	-	-	0	Ci	2	•
Benson	1030·1	+1	-	0	b	64	75	7	-	-	0	Ci	2	•
S. Farnborough	1030·6	+1	E	2	bt	57	85	6	-	-	0	Ci	3	•
London (Kew Obsy.)	1031·0	+1	-	0	b	60	85	6	-	-	0	Ci	3	•
Croydon	1030·4	0	S'W	1	bc+	62	65	6	-	-	0	Ci	4	•
Clacton-on-Sea	1030·7	0	ESE	2	b	59	97	7	-	-	0	aSt	3	0
Shoeburyness	1030·8	0	NE	1	bc+	60	75	7	-	-	0	CiSt	4	0
Grain	1030·6	0	-	0	bc	60	85	7	-	-	0	Ci	6	•
Lympne	1030·8	+1	-	0	bc	61	75	8	-	-	0	aSt	4	•
Scilly (St. Mary's)	1028·6	0	E'S	3	b	61	75	8	-	-	0	-	0	2
Falmouth (Pendennis)	1030·0	+1	E	3	b	61	75	8	-	-	0	CiCu	1	0
Plymouth (Cattewater)	1029·5	0	-	0	b	64	65	8	-	-	0	-	0	0
Portland Bill	1029·2	0	E	3	b	60	75	7	-	-	0	CiCu	1	0
Southampton (Calshot)	1030·5	0	N'E	2	b-	59	75	6	-	-	0	-	0	2
Dungeness	1030·3	+1	-	0	b	58	75	7	-	-	0	CiSt	2	1
Guernsey	1028·7	+2	NE	2	b	61	75	7	-	-	0	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th May

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 28th	Temperature. Max. Day. 29th	Rainfall.† Night 17h.-9h. 28th-29th	Rainfall.† Day 9h.-17h. 29th	Sunshine. Sunrise to 17h. 29th	Sunshine. Sunrise to Sunset. 29th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	bc	bcc	47	63	-	-	6·8	7·1
Montrose	cbc	bc	38	56	-	-	10·2	7·4
Llandudno	b	b	40	67	-	-	11·8	13·3
Colwyn Bay	bc	b	48	66	-	-	11·1	14·0
Rhyl	b	b	44	69	-	-	11·3	14·0
Southport	b	b	43	68	-	-	11·0	12·7
Blackpool	b	bc	48	68	-	-	11·5	12·4
Harrogate	b	b.bc	49	71	-	-	8·7	12·3
Skegness	b	b	50	61	-	-	12·4	14·7
Aberystwyth	c.bb	b	46	65	-	-	11·7	15·5
Bath	b	b	48	79	-	-	11·8	13·6
Leamington Spa	b	b	48	78	-	-	9·6	14·2
Lowestoft	b.bc	bcb	49	65	-	-	12·5	14·9
Felixstowe	b	b	48	64	-	-	12·0	14·6
Southend	bv	bv	50	71	-	-	11·5	13·7

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 28th	Temperature. Max. Day. 29th	Rainfall.† Night 17h.-9h. 28th-29th	Rainfall.† Day 9h.-17h. 29th	Sunshine. Sunrise to 17h. 29th	Sunshine. Sunrise to Sunset. 29th
			°F	°F	mm.	mm.	hr.	hr
Paignton	b	b	47	67	-	-	12·3	14·8
Ilfracombe	b	b	45	65	-	-	12·1	14·4
Bude	b	b	46	76	-	-	12·4	14·0
Penzance	b	b	53	72	-	-	12·2	15·0
Falmouth Observatory	bb3	b3	52	69	-	-	12·3	14·6
Torquay	b	b	50	71	-	-	12·4	14·6
Weymouth	b	b	51	71	-	-	12·2	14·4
Bournemouth	b	b	49	73	-	-	12·4	14·8
Portsmouth (S'thsea)	b	b	50	70	-	-	12·6	14·7
Worthing	b	b	49	69	-	-	12·4	14·6
Brighton	b	b	51	67	-	-	12·5	14·9
Eastbourne	b	b	48	67	-	-	12·7	14·9
Hastings	b	b	50	71	-	-	13·0	14·5
Folkestone	b	b	50	70	-	-	12·5	14·4
Tunbridge Wells	b	b	44	76	-	-	12·5	14·8
Ramsgate	b	b	51	66	-	-	13·5	14·5
Margate	b	b	50	64	-	-	12·2	14·6
Deal	b	b	45	67	-	-	12·7	

* 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. 22105 Wednesday, 31st May 1922. Page 1.

Observations at 1300 G.M.T. 30th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1016.3	-4	WSW	7	o	52	85	6	–	–	0	ASt	10	*
Stornoway	1020.2	-2	WSW	6	bc-	62	65	7	4000	Cu	6	–	6	*
Wick	1020.5	-3	S	4	o	57	92	9	4000	Cu	4	CiSt	10	*
Castlebay	1024.4	-1	SW	5	c	54	85	6	2500	St	8	–	8	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1023.4	-3	E	1	bc	63	65	7	–	–	0	CiSt	4	*
Malin Head														
Renfrew	1026.4	-2	WSW	4	o	63	55	8	–	–	0	ASt	10	*
Edinburgh (Inchkeith)	1024.8	-3	WSW	4	o/f	62	65	7	–	–	0	CiSt	9	*
Eskdalemuir	1025.7	-2	SW	4	bc	69	65	7	–	–	0	CiSt	5	*
Tynemouth	1026.6	-2	W	3	bc	73	55	7	–	–	0	CiCu	5	*
Blacksod Point	1026.3	-2	SW	5	bc	65	65	8	–	–	0	ACu	5	*
Donaghadee	1028.1	-1	ESE	1	bc+	58	75	8						*
Birr Castle	1027.6	*	SW	2	bc+	75	65	8	4000	Cu	4	CiCu	6	*
Collinstown	1028.6	-2	SE	3	bc+	68	75	7	–	–	0	CiSt	5	*
Holyhead	1028.9	-0	Calm	0	c+	68	35	8	–	–	0	ASt	7	*
Liverpool (Bidston)	1028.2	-1	NW'N	1	bc+	68	35	8	4000	St	3	CiSt	5	*
Chester (Shotwick)	1027.5	-1	WNW	4	o+	72	35	8	–	–	0	ACu	9	*
Spurn Head	1028.2	-1	NE	1	c+	66	85	4	2500	St	3	CiSt	7	*
Nottingham	1027.5	*	WSW	2	bc+	79	45	7	–	–	0	Ci	5	*
Cranwell	1027.7	-2	W	3	bc	77	55	6	–	–	0	CiCu	6	*
Gorleston	1027.9	-2	S	4	b-	62	75	7	–	–	0	CiCu	3	*
Valentia (Cahirciveen)	1027.5	-2	S	3	b	73	55	7	–	–	0	ASt	1	*
Roches Point	1028.8	-1	SE	2	bc+	63	85	8	–	–	0	CiSt	5	*
Pembroke (St. Ann's H.)	1029.7	-1	SE	1	bc	65	65	6	–	–	0	CiSt	4	*
Ross-on-Wye	1027.5	-2	SW	2	b-	79	45	8	5700	Cu	1	Ci	3	*
Benson	1028.2	-2	Calm	0	c	77	55	8	–	–	0	CiSt	7	*
S. Farnborough	1028.3	-2	Calm	0	o+	79	45	7	–	–	0	ASt	9	*
London (Kew Obsy.)	1028.4	-3	SW	1	c⊕	77	45	7	–	–	0	Ci	8	*
Croydon	1028.1	-3	SE	1	o⊕	77	~~55~~ 45	7	4000	Cu	1	CiSt	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1029.6	-2	ESE	1	c+	68	65	8	–	–	0	ASt	7	*
Grain	1029.2	-2	ENE	1	o+	67	65	8	–	–	0	CiSt	9	*
Lympne	1029.0	-3	ESE	3	c+	70	55	9	–	–	0	CiSt	8	*
Scilly (St. Mary's)	1028.3	0	ESE	4	b+	67	75	7	–	–	0	Ci	2	*
Falmouth (Pendennis)	1030.4	0	E	2	b	66	85	8	–	–	0	CiCu	2	*
Plymouth (Cattewater)														
Portland Bill	1029.2	0	E	3	bc+	64	75	7	–	–	0	CiCu	4	*
Southampton (Calshot)	1029.2	-2	SE'E	3	o+	57	65	7	–	–	0	Ci	9	*
Dungeness	1029.3	-2	ESE	3	bc+	66	75	7	–	–	0	CiCu	5	*
Guernsey	1027.4	-3	NNE	4	bc+	69	55	7	–	–	0	CiSt	6	*

Observations at 1800 G.M.T. 30th

Stations	Barom. at M.S.L. m.b	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1013.0	-5	WSW	7	opr₀	50	92	6	2500	Nb	6	ASt	10	6
Stornoway	1019.0	-2	WSW	6	c+	60	75	6	800	St	8	–	8	5
Wick	1018.3	-4	WSW	4	o	59	85	9	5700	Cu	4	ACu	10	3
Castlebay	1022.7	-1	WSW	4	bc	54	65	6	2500	StCu	6	–	6	4
Nairn	1020.3	*	W	3	c+	62	65	8	–	–	0	ACu	7	*
Aberdeen	1020.6	-3	Calm	0	bc	68	55	7	–	–	0	Ci	4	0
Malin Head														
Renfrew	1024.4	-1	WSW	3	o	64	65	8	7200	StCu	3	ACu	9	*
Edinburgh (Inchkeith)	1023.4	-1	WSW	3	o	59	65	8	–	St	6	ACu	9	3
Eskdalemuir	1024.7	-1	SW	5	c	64	45	7	–	–	0	ACu	8	*
Tynemouth	1024.5	-2	W	3	bc+	74	45	6	–	–	0	CiCu	4	0
Blacksod Point	1025.1	-2	SE	3	b	63	65	8	–	–	0	CiCu	3	3
Donaghadee	1024.4	-3	SSW	1	b	69	55	7	–	–	0	ACu	3	0
Birr Castle	1025.4	*	SW	1	c+	77	65	8	4000	StCu	4	ACu	7	*
Collinstown	1026.5	-2	SE	2	c	65	75	6	–	–	0	CiSt	7	*
Holyhead	1027.0	-2	SW'S	3	bc+	66	45	9	–	–	0	CiSt	6	1
Liverpool (Bidston)	1026.6	-2	NW	1	c+	68	35	7	2500	St	2	CiCu	8	1
Chester (Shotwick)	1025.6	-2	WNW	3	c	70	45	8	–	–	0	ACu	8	*
Spurn Head	1026.0	-2	ESE	2	o	60	92	5	–	–	0	ASt	10	1
Nottingham	1025.4	*	W	2	bc	76	45	7	–	–	0	CiSt	5	*
Cranwell	1025.6	-1	WSW	3	o	75	65	7	–	–	0	CiCu	9	*
Gorleston	1025.2	-2	SW'W	3	bc+	72	55	7	–	–	0	CiCu	5	1
Valentia (Cahirciveen)	1025.4	-2	S'E	3	bc+	71	55	7	–	–	0	ASt	6	0
Roches Point	1027.9	-1	SE	1	bc	63	85	7	–	–	0	Ci	4	0
Pembroke (St. Ann's H.)	1028.2	-2	ENE	1	bc	67	45	7	–	–	0	CiSt	4	2
Ross-on-Wye	1025.7	-3	SW	2	o⊕	76	45	8	–	–	0	Ci	3	*
Benson	1026.1	-3	Calm	0	bc	77	65	8	–	–	0	Ci	4	*
S. Farnborough	1026.4	-2	SW	3	o+	77	55	7	5750	Cu	1	Ci	9	*
London (Kew Obsy.)	1026.2	-4	N	1	b	80	35	8	–	–	0	Ci	1	*
Croydon	1026.5	-1	SW'S	3	o	74	55	7	–	–	0	Ci	9	*
Clacton-on-Sea	1027.9	-2	ESE	1	c	62	85	6	–	–	0	CiSt	7	0
Shoeburyness	1028.1	-3	SE	1	c	67	65	8	–	–	0	ASt	8	*
Grain	1026.8	-2	ESE	1	c	69	65	8	–	–	0	CiSt	8	
Lympne	1027.0	-1	E'S	3	c	66	65	8	–	–	0	CiSt	7	*
Scilly (St. Mary's)	1026.0	-2	ESE	2	bc-	64	75	7	–	–	0	Ci	6	2
Falmouth (Pendennis)	1027.5	-4	Calm	0	bc+	65	85	7	–	–	0	CiCu	5	0
Plymouth (Cattewater)	1027.2	-1	Calm	0	b-	61	85	8	–	–	0	ACu	2	0
Portland Bill	1027.9	-2	E	2	b-	63	75	7	–	–	0	CiCu	2	1
Southampton (Calshot)	1027.1	-2	SE	3	c	64	92	7	–	–	0	Ci	8	0
Dungeness	1027.1	-2	E	1	bc	62	75	7	–	–	0	CiCu	5	2
Guernsey	1026.5	-2	NNE	3	c	61	65	8	–	–	0	CiSt	7	1

London Observations. 24 Hours ended 0900 G.M.T. 31st (Croydon: 24 hours ended 0700)

London Observations	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)
Kew	bzy.cy	cy.by	bc bzbz	*	*	45	–	–	11.4	*	*
Croydon	bc.ozy	cy ⊕	oybcbbco c	*	*	50	–	–	11.6	*	*
Greenwich (Royal Obsy.)	oz	oz.bc	bc boz	79	54	43	–	–	10.5	45	50
City (Bunhill Row)	*	*	*	*	*	*	*	*	5.1	*	*
Westminster (St. James' Pk.)	*	*	*	79	56	50	–	–	9.5	73	72
Regent's Pk. (Botanic Gdns).	*	*	*	*	*	*	*	*	7.0	*	*
Camden Square	bz	bz	*	80	59	53	–	–	*	*	58
Kensington Palace	c	c	*	81	57	48	–	–	*	49 (18h)	54
Hampstead Observatory	*	*	*	81	59	48	–	–	11.5	*	55

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 30th

South Kensington			
Max.	Time.	Min.	Time.
–	–	–	–
Kew Observatory			
Max.	Time.	Min.	Time.
1.0	0700 30th	<0.3	1400 30th

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate .... Milliwatts.

Maximum Rate .... Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 30th 21 h. 0 m. to 31st 3 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	6.0	5.42	95
δ Ursae Minoris	6.0	5.35	94

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. 31st May & 1st June, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	3.39 3.38	11.50 11.51	8.1 8.4
Greenwich	3.51 3.51	11.57 11.58	8.3 8.5
Wick	3.19 3.17	12.9 12.10	8.59 9.2
Valencia	4.31 4.29	12.38 12.39	8.45 8.43

Beaufort Notation of Weather.

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

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

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

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

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

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

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

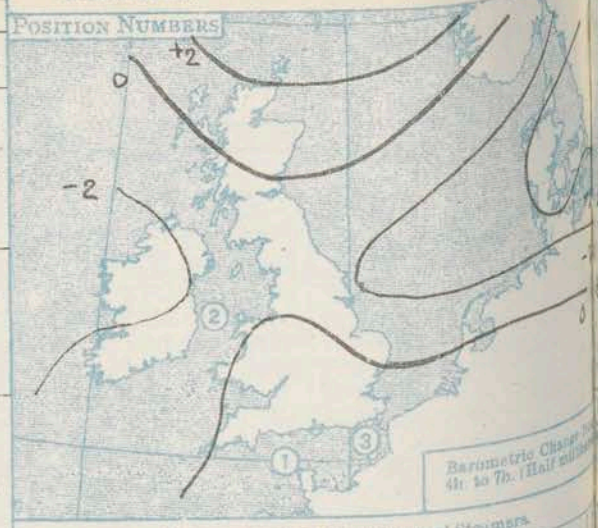
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 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. Hours.
Lerwick	oo	oo	r or d	oo	53	47	•	0·2	4	1100	42100	•
Stornoway	c	c	c	c	62	50	•	–	–	–	–	6·3
Wick	oo	oo	c	c	65	52	•	–	–	–	–	•
Castlebay	oco	oc	c.o.b	b.off	54	49	•	–	–	–	–	3·5
Nairn	cbec		bc	bc.b	66	56	•	–	–	–	–	1·5
Aberdeen	b-bc	bcobc	bc.c	bc.b	?	59	52	–	–	–	–	6·8
Malin Head[1]							•					
Renfrew	oo	oyo	bcz		67	47	35	–	–	–	–	8·4
Edinburgh (Inchkeith)	oo	oo	c	c	63	51	46	–	–	–	–	6·4
Eskdalemuir	ofeoc	b-bc	c	c.bc	69	47	39	–	–	–	–	6·6
Tynemouth	cm	bm	b or bcm	b or bcm	76	54	44	–	–	–	–	•
Blacksod Point ...	b-bc	b-bc	b or bc	b or bc	66	42	•	–	–	–	–	•
Donaghadee	bc	bcm	bcm	bcm	72	48	•	–	–	–	–	•
Birr Castle	co	co	c.o	bc	77	50	41	–	–	–	–	9·8
Collinstown	b-bc	c	c	b or bc	72	53	*	–	–	–	–	10·6
Holyhead	cbbcc	cbcvy	bc.c.b	c.b	70	54	51	–	–	–	–	14·6
Liverpool (Bidston) ...	bbcm	b	bc		73	57	49	–	–	–	–	13·1
Chester (Shotwick) ...	bczco	oc	bc	bcm	78	49	38	–	–	–	–	•
Spurn Head	c	c	c	b or bc	73	56	•	–	–	–	–	4·9
Nottingham	b-bc	b-bc	c	cm	80	54	49	–	–	–	–	6·2
Cranwell	cz	co	cm	mm	80	52	47	–	–	–	–	8·8
Gorleston	bcbc	bcbc	c.bc	b or bc	74	58	55	–	–	–	–	10·6
Valencia (Cahirciveen)	b-bc	bybc	bc.b	bw	75	57	53	–	–	–	–	14·9
Roches Point	bzbc	bc	bz	bzf	65	50	•	–	0·1	–	–	•
Pembroke (St. Ann's H.)	b-bc	b-bc	c	c	75	54	•	–	–	–	–	13·1
Ross-on-Wye	bzcbc	bcybc	oycyov	c.b.bcc	80	52	47	–	–	–	–	11·7
Benson...	bc	bc	bc	bc.c	82	50	44	–	–	–	–	*
S. Farnborough ...	bco		bcmy	bcmw	?	48	46	–	–	–	–	11·2
London (Kew Obsy.)...	bzycy	cyby	bc.bw	bw.bwz	80	56	45	–	–	–	–	11·4
Croydon	bcozy	oy	oy.bc.b	bc.o.c	80	57	50	–	–	–	–	11·6
Clacton-on-Sea ...	bcez		c.bcz	bcz.cm	64	59	52	–	–	–	–	11·6
Shoeburyness	bbc	c	c.bc	bm	70	51	42	–	–	–	–	11·8
Grain	c	c	c.bc.c	c.bc	72	53	?	–	–	–	–	9·8
Lympne	bcc	~~cc~~ bcv	c	bbccw	71	56	40	–	trace	–		13·1
Scilly (St. Mary's) ...	b	bcc	cbc	bc	67	54	•	–	–	–	–	14·1
Falmouth (Pendennis)	b	bcz	b	bz	67	52	•	–	–	–	–	13·4
Plymouth (Cattewater)		b-bc	b	b or bc	75	52	45	–	–	–	–	13·1
Portland Bill	b-bc	b-bc	b or bc	b or bc	66	55	•	–	–	–	–	•
Southampton (Calshot)	c	c	c	b	69	54	50	–	–	–	–	11·9
Dungeness	b-bc	c	c	b or bc	66	52	•	–	–	–	–	•
Guernsey	b-bc	c	b or bc	b or bcz	64	53		–	–	–	–	14·3

ISALLOBARS.

Wednesday 31st MAY



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	30th 1000	Hibernia	–	–	b	56	50
1	30th 1200	Reindeer	ENE	2	bc+	54	51

GENERAL INFERENCE.

The anticyclone will conti and fine quiet weather is probable generally over the British Isles for the next day two. Over England and Ireland the weather will be mainly fine for several days and high temperatures will occur inland.

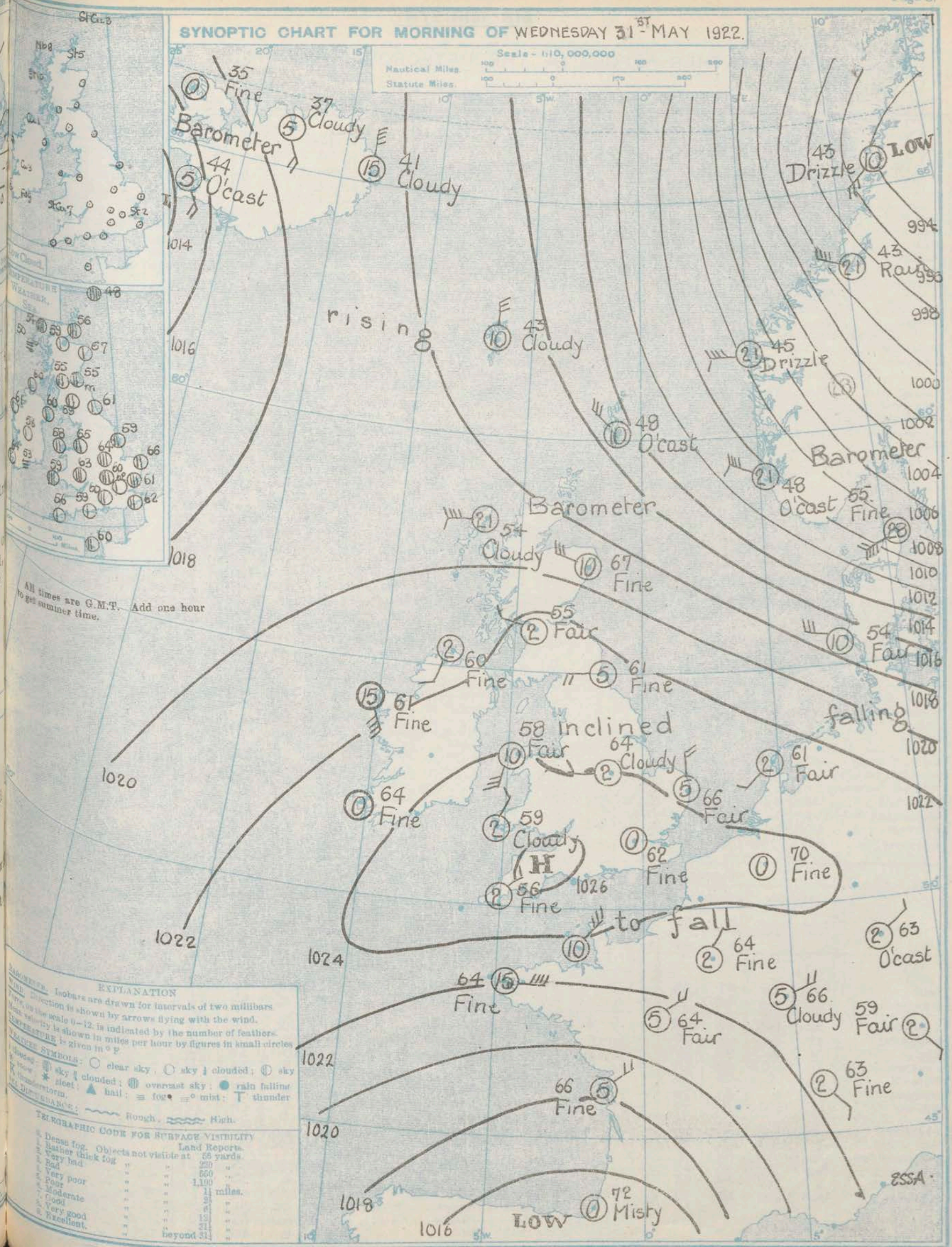
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday 31st May 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind light and indefinite; fine; visibility good apart from local fog on the coast; very high temperature inland during the day.	Mainly fine and vary warm over England and Ireland for several days, w a tendency for local thunderst later.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light to moderate winds, mainly westerly; fine visibility good apart from some coastal fog; moderate temperature at first, becoming warmer later.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 1 - 10	

E.V.N.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 GMT

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 31st May 1922. No. 151.

Observations at 0100 G.M.T. 31st

STATIONS	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1012.5	+3	WSW	7	odod	49	97	5	2500	Nb	10	-	10	*
Stornoway	1019.1	0	W	6	co	*	*	5	*	*	*	*	*	*
Wick	1016.9	+2	W	3	bc-	54	97	8	4000	Cu	2	a Cu	4	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head														
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1022.3	+1	WSW	3	bc	55	75	7	-	-	0	a Cu	4	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	10236	-1	W	2	b	59	75	6	-	-	0	a Cu	2	*
Blacksod Point	1024.0	-1	W'S	2	b	50	85	7	-	-	0	CiCu	2	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Collinstown	1025.8	-2	S'E	2	bc-	55	92	6	-	-	0	a St	4	*
Holyhead	1025.1	-1	S'E	2	bc	*	*	8	-	-	0	a St	4	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1025.0	-1	W	2	bc	58	92	6	1500	St	2	a Cu	4	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1025.5	0	WSW	1	b	56	92	6	4000	StCu	3	-	3	*
Gorleston	1024.5	-1	W	2	bc-	61	75	7	-	-	0	a St	5	*
Valencia (Cahirciveen)	1024.6	0	E	4	b	64	92	8	-	-	0	-	0	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1026.4	0	NE	1	bc	60	65	8	5750	StCu	4	-	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1025.8	-2	SW'S	2	b-	59	75	7	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1026.0	-2	N	1	b-	56	85	7	-	-	0	CiSt	2	*
Scilly (St. Mary's)	1025.0	-2	ESE	3	bc-	56	75	7	-	-	0	CiCu	4	*
Falmouth (Pendennis)	1025.2	0	-	0	b	61	92	8	-	-	0	-	0	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1026.0	-1	-	0	b	58	85	7	-	-	0	CiCu	2	*
Southampton (Calshot)	1025.7	-2	-	0	b	57	85	7	-	-	0	-	0	*
Dungeness	1025.7	-3	-	0	b-	56	85	8	-	-	0	-	0	*
Guernsey	1023.4	0	NNE	3	b	60	65	9	-	-	0	CiSt	3	*

Observations at 0700 G.M.T. 31st

STATIONS	Barom. at M.S.L. m.b	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1015.2	+3	NW	3	o-	48	85	7	5750	StCu	3	a St	9	2
Stornoway	1018.6	0	W	5	c	54	85	6	4000	Nb	8	-	8	3
Wick	1017.7	+2	W	2	c	56	92	9	2500	St	5	CiCu	7	0
Castlebay	1021.5	0	NW	2	mmo	50	97	4	450	St	10	-	10	1
Nairn	1019.5	*	W	1	b-	59	65	8	4000	Cu	2	-	2	*
Aberdeen	1019.3	0	WNW	3	b-	67	55	8	-	-	0	CiCu	1	0
Malin Head														
Renfrew	1022.7	0	WNW	1	bc	55	75	6	-	-	0	CiCu	4	*
Edinburgh (Inchkeith)	1021.2	-1	WSW	4	mbc-	55	75	6	-	-	0	a Cu	6	4
Eskdalemuir	1022.7	-1	SW	3	bc	59	65	7	-	-	0	a Cu	5	*
Tynemouth	1022.3	-1	W	2	b	61	65	6	-	-	0	CiCu	2	0
Blacksod Point	1021.3	-2	SSE	4	b	61	92	8	-	-	0	CiCu	1	4
Donaghadee	1022.7	-1	S	1	b-	60	75	6	-	-	0	CiSt	3	0
Birr Castle	1023.4	*	SW	1	b-	58	92	8	4000	Cu	3	-	3	*
Collinstown	1024.5	-2	WSW	2	b	63	85	7	-	-	0	a St	3	*
Holyhead	1024.4	0	SSW	3	bc+	58	65	8	-	-	0	a Cu	6	1
Liverpool (Bidston)	1023.8	0	S	1	bc+	65	65	4	-	-	0	CiSt	4	1
Chester (Shotwick)	1023.2	-1	SSE	1	bc	62	75	4	-	-	0	a Cu	6	*
Spurn Head	1023.9	-2	W	2	bc	59	85	6	-	-	0	Ci	5	2
Nottingham	1024.3	*	W	1	c	64	65	5	-	-	0	Ci	7	*
Cranwell	1024.5	0	W'N	3	bc	64	75	6	-	-	0	a Cu	6	*
Gorleston	1023.2	-1	N	2	bc+	66	65	6	-	-	0	CiCu	5	0
Valencia (Cahirciveen)	1022.6	-1	-	0	b	64	65	8	-	-	0	CiCu	1	0
Roches Point	1024.4	-1	NNW	1	Fb	53	97	1	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1025.2	-1	NNE	1	c	59	75	8	5750	StCu	7	-	7	2
Ross-on-Wye	1024.3	0	NW	1	c+	63	75	8	-	-	0	a Cu	8	*
Benson	1024.2	0	-	0	c	60	85	7	-	-	0	CiSt	7	*
S. Farnborough	1024.4	0	-	0	bc	60	85	7	-	-	0	Ci	6	*
London (Kew Obsy.)	1024.6	0	-	0	b	62	75	6	-	-	0	Ci	3	*
Croydon	1024.2	-1	-	0	c	68	65	7	-	-	0	Ci	7	*
Clacton-on-Sea	1024.2	0	W	1	c/f	61	92	5	-	-	0	CiSt	7	0
Shoeburyness	1024.3	-1	-	0	b	66	75	6	1500	St	2	a Cu	3	*
Grain	1024.4	-1	-	0	bc	65	75	5	-	-	0	Ci	5	0
Lympne	1024.6	0	N	1	bc	65	75	8	-	-	0	CiSt	5	*
Scilly (St. Mary's)	1024.0	-1	E'S	2	b	62	75	7	-	-	0	CiCu	3	2
Falmouth (Pendennis)	1024.9	0	NE	1	b	56	92	6	-	-	0	Ci	2	0
Plymouth (Cattewater)	1024.4	0	-	0	b-	58	85	8	-	-	0	a St	1	0
Portland Bill	1026.0	0	E'N	1	b-	59	85	6	-	-	0	Ci	1	1
Southampton (Calshot)	1024.6	-1	N	2	b+	59	85	6	-	-	0	Ci	1	0
Dungeness	1024.7	0	NE	1	bc+	62	85	8	-	-	0	CiCu	4	2
Guernsey	1024.0	-1	NNE	3	bc	60	65	8	-	-	0	CiSt	4	1

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

STATIONS	Weather Fore-noon	Weather After-noon	Temperature Min. Night 29th °F	Temperature Max. Day 30th °F	Rainfall† Night 17h.-9h. 29-30 mm.	Rainfall† Day 9h.-17h. 30th mm.	Sunshine Sunrise to 17h. 30th hr.	Sunshine Sunrise to Sunset 29th hr.
Banff	o	oco	47	68	-	-	3.1	7.1
Montrose	cc	bc	40	72	-	-	8.2	12.5
Llandudno	bb	bcb	43	72	-	-	11.8	14.1
Colwyn Bay	bc	bc	48	69	-	-	11.7	14.0
Rhyl	b	b	46	70	-	-	11.7	13.6
Southport	b	bbcb	45	68	-	-	11.5	13.5
Blackpool	bc	c	44	70	-	-	10.7	13.5
Harrogate	b	b	49	75	-	-	11.4	10.5
Skegness	cbbc	bcbbc	54	71	-	-	9.2	11.4
Aberystwyth	cbb	bbc	51	68	-	-	11.5	12.5
Bath	b	cbcb	51	82	-	-	11.2	13.8
Leamington Spa	b bc	o	52	81	-	-	8.2	11.1
Lowestoft	bbc	bbc	52	68	-	-	9.9	14.6
Felixstowe	b	bcz	49	65	-	-	10.8	13.6
Southend	bcb	bbc	50	72	-	-	10.6	13.6

STATIONS	Weather Fore-noon	Weather After-noon	Temperature Min. Night 29th °F	Temperature Max. Day 30th °F	Rainfall† Night 17h.-9h. 29-30 mm.	Rainfall† Day 9h.-17h. 30 mm.	Sunshine Sunrise to 17h. 30 hr.	Sunshine Sunrise to Sunset 29th hr.
Paignton	by	bcby	48	67	-	-	11.9	14.7
Ilfracombe	bbc	bc	56	72	-	-	11.8	14.3
Bude	b	b	47	80	-	-	12.7	14.4
Penzance	b	bbc	55	72	-	-	12.2	13.6
Falmouth Observatory	b	bbz	54	70	-	-	12.0	14.7
Torquay	b	b	53	74	-	-	11.1	2
Weymouth	b	b	53	74	-	-	11.2	14.6
Bournemouth	b	b	49	76	-	-	11.0	14.7
Portsmouth (S'thsea)	b	b	52	73	-	-	11.7	15.2
Worthing	b	b	52	73	-	-	11.5	15.1
Brighton	b	bc	54	71	-	-	11.2	15.1
Eastbourne	b	bbc	52	69	-	-	12.0	15.3
Hastings	b	bccbc	55	73	-	-	11.7	15.4
Folkestone	b	b	53	70	-	-	12.0	15.1
Tunbridge Wells	b	bcb	49	77	-	-	10.8	14.8
Ramsgate	b	bc	51	69	-	-	11.2	14.6
Margate	b	bbcb	53	70	-	-	10.5	14.3
Deal	b	b	45	68	-		12.0	14.5

* 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. CORRECTIONS AND ADDITIONS, May 1922.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Chester.	18h temp 48: Vis. 9.
	Ross-on-Wye.	" bar. 1011.8.
	Liverpool.	Th " 1009.3.
	Cranwell.	1h cloud hi. 2500.
	Kew.	Grass min 32.
	Calshot.	Min 37.
	Paignton.	Sun 30th 8.9.
	Deal.	" " 7.8.
2nd	Eskdalemuir.	18h cloud hi 1000': Cloud total 5.
	Chester.	" hum 85: Vis. 6: Cloud 1500: Sc: 5: Cu: 3
	Ross-on-Wye	" wind NW'W.
	Kew.	13h Vis. 7: Rain day 2.
	Grain.	" cloud Nb.
	Lympne.	18h wind W'S: Sun 1.1
	Plymouth.	" Vis. 8.
	Calshot.	13h wind SSW: Sun 6.6.
	Holyhead.	1h bar. change +1: Rain day 0.3.
	Cranwell.	" hum 97.
	Blackpool.	Rain, day 4.
3rd	Bournemouth.	Sun, 1st 1.7.
	Renfrew.	18h cloud hi. 2500: Th bar. 1005.9
	Holyhead.	" Vis. 9.
	Chester.	" cloud ami. 1.
	Cranwell.	13h temp 51: 1h wind SW'W
	Lympne.	18h low cloud Sc. Cu. Th bar. 1014.5
	Calshot.	" hum. 75: Th cloud 1500' Sc. 1.
	Ross-on-Wye.	Th wind SW'W. ACu. 9
	Plymouth.	" clouds. Nb. 10.
	Eskdalemuir.	Max 51.
	Croydon.	Sun 1.9.
	Lympne.	" 6.7.
4th	Calshot.	Max 58: Min 40: Grass min 37.
	Castlebay.	13h wind SW. 5.
	Liverpool.	18h clouds 2500: Sc. Cu: 3: CCu: 6.
	Chester.	" hum 55: Vis. 9.
	Spurn Hd.	" bar. change -3.
	Plymouth.	13h cloud hi. <150'. Vis. 7.
	Burr Castle.	Th wind SW. 3: temp 45: hum 97
	Cranwell.	1h hum 97.
	Burr Castle.	Weather. 18-1h "coIR" 1-Th "Fog"
	Holyhead.	Rain day 0.5.
	Lympne.	Sun. 0.1.
	Westminster.	56: 44: 37: Total rain 5: 15h 82% 9h 86%
	Kensington Palace	Max 56.
5th	Leamington Spa.	" 53.
	Castlebay.	13h Vis. 5.
	Tynemouth.	" wind WSW 4.
	Cranwell.	18h Vis 8: Th wind S'W.
	Pembroke.	" bar. 1011.7.
	Slomoway.	1h bar. 987.0.
	Ross-on-Wye.	Th bar. change -8.
	Kew.	" wind S'W.
	Calshot.	" bar. change -3.
	Hayhead.	Min 44.
	Liverpool.	Sun. 10.0.
6th	Worthing.	Min 44.
	Aberdeen.	13h cloud hi. 2500'
	Eskdalemuir.	18h cloud. Cu. 3.
	Donaghadee.	13h clouds Cu: 2: ACu: 5.
	Holyhead.	18h cloud total. 7: Sun. 11.6.
	Spurn Hd.	13h bar. 1010.5: W: 6: temp 51.
	Roches Point.	18h low cloud. Cu. Nb.
	Donaghadee.	Rain, night. 0.6.
	Baldonnell.	Min 39.
	Croydon.	" 40.
	Blackpool.	Max 54
7th	Brighton	" 57.
	Chester.	18h cloud total. 10.
	Lympne.	" wind SW'S: Sun 12.2.
	Donaghadee.	Th bar. 1024.2.
	Eskdalemuir.	Max 46.
	Shoeburyness.	Sun 12.2.
	Harrogate.	" 6th 2.4.
8th	Leamington.	" " 6.6: 5th 8.1.
	Inchkeith.	13h wind W.
	Valencia.	18h cloud Ci. Cu. 4.
	Roches Pt.	13h temp 54.
	Benson.	18h " 67.
	Lympne.	13h hum 65.
	Calshot.	1h wind E. 2.
	Burr Castle.	Min 43.
9th	Leamington.	Sun. 7th 10.9: 6th 6.6.
	Cranwell.	13h wind WSW: temp 72.
	Roches Pt.	" hum 85.
	S. Farnborough.	" bar. 1029.9: temp 78.
	Grain.	18h bar. change -1.
		" wind SSW.

Report for	STATION.	CORRECTION.
9th	Castlebay.	Th bar. 1031.3: wind WNW.
	Eskdalemuir.	Max 62.
	Spurn Hd.	" 70.
	Ross-on-Wye.	Min 49.
	Calshot.	Max. 72.
	Dungeness.	" 62.
	Harrogate.	c: b: ?: 70: -: -: ?: 6.3.
	Leamington.	Sun 8th 10.8: 7th 12.2.
	Bournemouth	" 7th 13.5.
10th	Valencia.	18h Vis. 2.
	Calshot.	13h hum 55.
	Castlebay.	Th Sea. 2.
	Blackpool.	" " 3: Rain night Nil.
	Croydon.	1h temp 51.
	Eskdalemuir.	Sun 8.4.
	S. Farnborough	" 10.8.
	Lympne.	" 8.1.
	Rhyl.	" 8th 13.0.
11th	Aberdeen.	18h wind N.
	S. Farnborough	13h bar. 1021.2: Th 1016.9.
	Kew.	18h cloud total. 10.
	Castlebay.	Th Sea 3.
	Lympne.	Sun 6.6.
	Skegness.	" 9th 5.0.
12th	Castlebay.	18h Sea 3
	Renfrew.	13h temp. 52.
	Eskdalemuir	" bar. 1017.0.
	Holyhead.	18h no cloud.
	S. Farnborough	" bar. 1012.1.
	Clacton.	" temp 46.
	Grain.	Th bar. 1010.8.
	Falmouth	" temp 46: Min 46.
	Plymouth.	" " 46.
	Malin Hd.	Rain, day. -.
	Donaghadee.	Min 41.
	Birr Castle.	" 39.
13th	Cranwell.	13h Vis. 7: 18h cloud "Cu"
	Gorleston.	" bar. 1011.6.
	Lympne.	18h hum 78: Vis 8.
	Jersey.	Th cloud "4000: SiCu: 2": Max 52.
	Castlebay	Min 43.
	Clacton.	Max 51.
	Lowestoft.	Sun 12th 9.1.
	Brighton.	" 11th 8.8.
14th	Eskdalemuir	13h temp 51.
	Tynemouth.	" " 47.
	Cranwell.	" hum 65.
	Roches Pt.	" bar. 1023.4.
	Calshot.	18h wind SW'W.
	Holyhead.	1h " SW'S.
	Chester.	Th temp 49.
	Spurn Hd.	Min 42.
	Nottingham.	Max 55.
	Lympne.	Sun 11.1
	Jersey.	" 13.7.
15th	Renfrew.	18h bar. change -3.
	Holyhead.	13h wind. SW'S. 5: 1h high cloud ACu
	S. Farnborough	" " WSW. 3.
	Plymouth.	" " SW: Cloud "Cu".
	Castlebay.	Th temp 48: Vis. 5.
	Gorleston.	1h " 47: Min 47.
	Croydon.	" hum 81%.
	Eskdalemuir.	Sun 2.7: Grass min "No reading".
	Shoeburyness.	Max. 64.
	Lympne.	Sun 14.4.
	Harrogate.	Sun 14th 8.0:
	Paignton.	" " 11.5: 13th 11.8.
16th	Aberdeen.	13h wind SE.
	Holyhead.	" " SW'S: Cloud total. 5.
	Chester.	" cloud total. 7: 18h Vis 8: Cloud total 9.
	Valencia.	18h " 10.
	Pembroke.	" wind WSW. 4.
	Slomoway.	Th " SE. 4.
	Paignton.	Sun 14th 13.6.
17th	Lerwick.	18h temp 41.
	Slomoway	" cloud hi. 450.
	Aberdeen.	13h wind S. 1.
	Renfrew.	" bar 1003.1.
	Tynemouth.	" temp 56.
	Liverpool.	18h " 54.
	Cranwell.	13h wind SSW. 5: cloud total. 5.
	Holyhead.	1h cloud hi 200'
	Burr Castle.	Grass min 44.
	Paignton.	Sun 16th 8.0.
18th	Aberdeen.	13h bar. 998.9.
	Malin Hd.	18h hum 92.
	S. Farnborough	13h bar. 1006.3: 18h wind SW'W. 4
	Grain.	18h wind SSW. 4.

Report for	STATION.	CORRECTION.
18th	Malin Hd.	Rain, day. 8.
	Eskdalemuir	" night. 7.
	Pembroke.	" day 2.
	Blackpool.	Sun 17th 5.0.
	Penzance.	Rain night 10.
	Folkestone.	" day 2.
19th	S. Farnborough	18h bar. 1016.2.
	Lympne.	1h temp 48.
	Valencia.	Th cloud hi. 450: Rain night. 1
	Cranwell.	Sun 10.0.
	Blackpool.	" 18th 4.7.
	Leamington.	Max 61.
	Hastings.	Min 50.
20th	Aberdeen	18h temp 57.
	Renfrew.	" hum 60.
	Cranwell.	13h bar 1014.7.
	Lympne.	" temp 54.
	Slomoway	Th " 48: Min 39.
	Holyhead.	1h cloud hi. 800'
	Blackpool.	Max 58.
	Birr Castle	" 59.
	S. Farnborough.	Min 46.
	Falmouth.	Rain day 0.2.
	Guernsey	Max 61.
	Skegness	Sun 18th 8.0.
	Paignton.	" 19th 7.5: 18th 3.6.
21st	Bournemouth	Max 64.
	Renfrew.	13h wind E: 18h bar. 1019.3. Grass min 52
	Tynemouth	" temp 57.
	Birr Castle.	" " 64: Min 54.
	Chester.	18h bar 1022.8.
	Plymouth.	13h " 1028.0.
	Collinstown.	Min 53.
	Roches Pt.	Max 55.
	Paignton.	Sun. 20th 6.1.
	Margate.	" 19th 3.8.
22nd	Tynemouth.	18h temp 57.
	Collinstown.	" wind E.
	Chester.	13h cloud hi. 4000': 18h temp 67: hum 75
	Cranwell.	18h low cloud Cu. 1.
	Grain.	" clouds "CuNb: 1: ACu: 2".
	Calshot.	13h hum. 75.
	Aberdeen.	Th bar. 1004.5.
	Valencia.	" temp 51.
	Ross-on-Wye	" " 63.
	Wick.	Max 59.
	Nairn.	Min 48.
	S. Farnborough.	Max 83.
	Eastbourne	Min 48.
	Hastings.	Sun. 21st 12.3.
23rd	Renfrew.	13h Vis. 7.
	Holyhead.	18h bar change -1.
	Chester.	Delete 18h entry.
	Cranwell.	13h wind S'W: 18h hum 85%.
	Ross-on-Wye	" temp 65. 1h cloud hi. 2500
	Plymouth.	18h bar. change 0.
	Calshot.	13h bar. 1012.8.
	Eskdalemuir	Th " 1012.6.
	Portland Bill.	" " 1012.8.
	Ross-on-Wye	Rain, day, 2.
	Bude.	" night "trace".
	Margate.	Sun 21st 13.8.
24th	Slomoway	13h wind SE.
	Donaghadee.	18h " SSW: 1: temp 58.
	Grain.	13h hum 35.
	Plymouth.	18h clouds. SiCu. 1. 2500'.
	Lympne.	1h hum 80%: Sun 13.1.
	Birr Castle.	Min 40.
	Sholwick.	Rain, day, "trace".
	Cranwell.	Grass min 30.
	Kew.	Sun 10.0.
	Penzance.	" 23rd 5.1.
	Hastings.	" 22nd 13.8.
25th	Nairn.	18h bar. 1016.7.
	Renfrew.	" " 1018.6: Sun 3.8.
	Chester.	13h hum. 65.
	Roches Pt.	" bar. 1016.8: 18h hum 97.
	Calshot.	" wind SSW. 2.
	Donaghadee.	Th bar. 1019.8.
	Clacton.	" " 1017.9.
	Wick.	Min 38.
	Aberdeen.	Max 59: Min 49.
	Lympne.	Min 57.
	Worthing.	Rain night. 0.3.
26th	Renfrew	13h bar 1019.8: cloud hi. 3500'
	Collinstown	" temp 66: Weather "0"
		18h bar. 1020.3.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, May 1922.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
26th	Chester.	18h wind WNW.3.
	Cranwell.	13h " N'W.3: 18h cloud Cu.
	Pembroke.	18h " WSW.
	Plymouth.	13h " SSW: hum 92: 18h WSW.
	Calshot.	18h bar. 1021.3: wind WSW.
	Dungeness.	13h temp 71.
	Holyhead.	7h hum 97.
	Aberdeen	Sun 6.4
	Blackpool Pl.	Rain night 0.1
	Lympne.	Min 51: Sun 9.0.
	Lowestoft.	Sun 24th 12.4.
	Paignton.	" 25th 11.8.
	Worthing.	Rain night 0.3.
27th	Cranwell.	13h temp 69
	Valencia.	" bar. 1028.0: 18h cloud total 6.
	Crain.	18h bar. 1023.4.
	Lympne.	7h " 1027.9.
	Plymouth.	" wind NW.
	Inchkeith.	Min 45
	Rhyl.	Sun. 25th 14.6.
	Leamington.	" 26th 5.8: 25th 7.8.
	Lowestoft.	" " 11.0
	Brighton.	" " 8.2
28th	Cranwell.	13h hum 65: 18h wind NW.4.
	Kew.	" " 45
	Lympne.	18h wind E'S.
	Lerwick.	7h bar. 1026.1.
	Cranwell.	7h " 1030.1: SE'E: temp 45: hum 97
	Calshot.	" " 1029.2: wind E.2.
	Holyhead.	" high cloud Cu.
	Southport.	Min 48.
	Lowestoft.	Sun 26th 11.6.
	Brighton.	" 27th 12.0.
29th	Holyhead.	7h bar. 1028.7: wind N'W.
	Plymouth.	7h bar. change +2.
	Lerwick.	Max 45.
	Ilfracombe.	Min 48.
	Worthing	" 52
	Hastings.	Sun. 27th 12.3
30th	Aberdeen.	18h temp 55: 18h bar. 1027.8.
	Eskdalemuir	" bar. 1028.5: 18h wind SW.2.
	Holyhead.	" hum 65: 7h temp 57.
	Chester.	" bar. 1028.3: temp 79: Max 79
	S. Farborough.	18h " 1027.5.
	Lympne.	13h temp 70: 7h bar. 1030.8 Sun 15.6
	Calshot.	" wind SSE.4: 7h hum 90%.
30th	Pembroke.	7h hum 55: 7h 55%.
	Renfrew.	Min 44.
	Southport.	" 48.
	Ilfracombe.	" 55
	Penzance.	Sun. 29th 11.5.
	Bournemouth	Min 46.
	Deal.	Max 67.
31st	Blackpool.	13h hum 65%.
	Chester.	" wind WNW: high cloud Cu
	Pembroke.	18h wind WNW: Max 71.
	Croydon.	13h hum 45.
	Shoeburyness	18h bar. 1027.1
	Calshot.	" temp 64: hum 77: V.S. 6.
	Aberdeen.	7h " 67: Max 68.
	Valencia.	Max 74.
	Lympne.	Min 56: Sun 13.1.
	Dungeness.	" 54.
	Southend	" 53.
	Penzance.	Sun 30th 11.7.

II.—ADDITIONS.

Report for	STATION.		Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9	Summaries for the Past 24 Hours. Weather. 7h.-13h.	Weather. 13h.-18h.	Weather. 18h.-1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation began.	Sun
1st	Castlebay.	13h	1016.5	0	NW	4	c	48	75	6	1500	CuNb	7	-	7		cobc										
	"	18h	1015.6	0	NW	4	bc	46	75	6	1500	Cu	4	-	4	4		cbc									
	Scilly.	13h	1015.1	+1	NE	4	c	48	75	8	4000	CuNb	8	-	8		c										
	"	18h	1015.0	0	N	4	bc	49	65	8	4000	Cu	4	-	4	4		bc									9.0
	"	1h	1015.8	0	N	4	bc	46	85	8	4000	Cu	3	-	3				bc								
	"	7h	1015.1	-1	NNW	4	c	47	85	8	4000	Cu	5	Ci	7	4				bcc	51	43		1	-		
2nd	Spurn Hd.	1h	1010.6	0	N	2	b	42	92	7	2500	Sc	2	-	2				b or bc								
	Scilly.	13h	1011.3	-3	SW'W	2	orr	46	97	5	2500	Sc	10	-	10		cor										
	"	18h	1011.8	0	NW	5	c	46	75	8	4000	CuNb	8	-	8	4		orrc									2.3
	"	1h	1010.2	-1	-	0	c/r	43	97	8	4000	Sc.Cu	8	-	8				r or d								
	"	7h	1011.7	+1	NNW	3	c/r	48	92	8	4000	CuNb	8	-	8	4				p	50	43		4	5		
3rd	"	13h	1014.6	+1	NW'N	3	bc	54	85	8	4000	Cu	3	Ci Cu	5		bc										
	"	18h	1015.1	0	WNW	3	o	49	92	8	4000	Sc.Cu	10	-	10	4		oo									6.0
	"	1h	1014.9	0	W'N	4	o	49	92	8	4000	CuNb	10	-	10				omr								
	"	7h	1012.6	-3	W	5	or/o	50	97	6	1500	Sc	10	-	10	5				omr	55	48		-	3		
4th	Lympne.	1h	1014.1	+1	-	0	b	41	93	7	-	-	0	asc	2				cbc								
	Scilly.	13h	1012.6	0	W	5	ad/o	52	97	4	1500	Sc	10	-	10		omr										
	"	18h	1013.2	+2	WNW	4	o	51	97	7	4000	Sc.Cu	10	-	10	5		oo									0.0
	"	1h	1015.2	0	W	4	c-	49	97	7	-	-	0	Ci Cu	6				oc								
	"	7h	1014.9	0	W	5	b-	50	92	7	4000	Cu	1	-	1	5				bcb	52	48		0.5	-		
5th	"	13h	1015.5	+2	WNW	6	bc	54	75	7	4000	Sc.Cu	3	-	3		p.										
	"	18h	1016.3	+1	W	5	b-	51	75	7	4000	Cu	1	-	1	6		bcp.									11.0
	"	1h	1015.4	-2	W	5	bc+	50	85	6	4000	Cu	6	-	6				b or bc								
	"	7h	1017.2	+5	NW	4	b/r	47	85	8	4000	Cu	2	-	2	6				r or d	55	45		0.6	2		
6th	"	13h	1021.6	+3	W'N	3	b	54	75	8	4000	Cu	2	-	2		b.bc										
	"	18h	1022.3	+1	W'S	2	bc+	52	85	8	-	-	0	Ci Cu	6	4		bc									11.0
	"	1h	1023.8	+2	SW'W	3	c-	51	92	7	4000	Sc.Cu	7	-	7				bcc								
	"	7h	1025.1	+1	SSW	3	bc-	51	92	7	-	-	0	Ci Cu	4	4				cbc	56	48		-	-		9.3
	Stornoway	1h	1014.2	+3	WNW	2	c			6									c								
	"	7h	1007.2	-4	S	5	orr	46	97	6	450	Sc	10	-	10	3				p	51	44			2		
7th	Scilly.	13h	1027.5	+2	SW	4	b	55	85	8	4000	Cu	3	-	3		bc										
	"	18h	1028.7	0	S'W	3	b	53	92	7	-	-	0	Ci Cu	2	4		bcb									12.4
	"	1h	1030.7	+1	S	3	b	49	92	8	-	-	0	-	0				b								
	"	7h	1031.3	+1	SE	3	b+	51	85	8	-	-	0	Ci Cu	3	4				b bc	55	47		-	-		4.5
	Stornoway	1h	1013.0	+3	SW	4	o			5									c								0.5
	"	7h	1012.5	-3	S	4	orr	51	97	5	450	Sc	10	-	10	5				r or d	53	46			8		
	Castlebay.	7h	1010.8	0	SW	5	ad/o	51	97	5	800	Nb	10	-	10	6			obff	opdff	51	48			4		
	Collinstown.	1h	?	+1	S	4	b-	53	97	7	2500	Sc.Cu	3	-	3				c								
8th	Castlebay.	13h	1019.4	+2	SW	5	mo	51	97	6	800	Sc	10	-	10		affom										
	"	18h	1020.7	+1	W	5	orr	50	97	4	800	Nb	10	-	10	7		omrrf						0.5			
	Scilly.	13h	1030.5	0	SSE	3	bc	58	85	7	-	-	0	Ci Cu	5		b bc										
	"	18h	1031.0	0	SE'S	3	b	56	85	7	-	-	0	Ci Cu	3	4		bc									12.0
	"	1h	1030.1	0	SE'S	3	b	51	92	7	-	-	0	Ci Cu	3				b								
	"	7h	1029.1	0	SE'S	3	bc	53	85	8	-	-	0	Ci Cu	4	4				b	59	50		-	-		
9th	"	13h	1030.2	0	SSE	3	b	61	75	7	-	-	0	-	0		b										
	"	18h	1030.3	0	-	0	b	60	85	8	-	-	0	-	0	4		b									12.0
	"	1h	1029.5	0	S	2	b	53	97	7	-	-	0	-	0				b or bc								
	"	7h	1029.4	0	WSW	2	bc-	56	85	7	-	-	0	aCu	6	2				b or bc	62	52		-	-		
10th	"	13h	1028.2	0	SW	2	b	61	75	7	-	-	0	aCu	3		b										
	"	18h	1027.0	-2	SW'W	2	b	61	65	8	-	-	0	-	0	1		b									12.2
	"	1h	1024.9	-1	W	3	b	55	75	8	-	-	0	-	0				b								
	"	7h	1023.3	-1	NW'W	2	b	55	92	7	-	-	0	-	0	1				b	66	51		-	-		
11th	"	13h	1020.3	-1	NE	2	b-	61	75	6	1500	Sc	1	-	1		bofb										
	"	18h	1019.1	-2	NE'E	2	b	57	85	7	-	-	0	-	0	1		bf									11.0
	"	1h	1016.3	-2	E'S	2	of	48	97	1	450	Sc	10	-	10				b								
	"	7h	1014.1	-2	E	2	of	49	97	3	450	Sc	10	-	10	1				ffe	63	47		-	0.1		

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, May 1922

II.—ADDITIONS.

Report No.	STATION.		Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9	Weather. 7h.-13h.	Weather. 13h.-18h.	Weather. 18h.-1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation began.	Sun. Hours.
12th	Scilly.	13h	1013·2	-1	ENE	1	om	53	85	5	800	Sl	10	-	10		FFom										
		18h	1010·8	-3	NNE	2	om	52	97	6	800	Sl	10	-	10	1		f or m									
13th		1h	1008·7	-3	NE	3	o	50	92	7	4000	Sl.Cu	10	-	10				om								
		7h	1008·6	+1	NE	4	obro	48	92	6	4000	Sl.Cu	10	-	10	4				om	55	47		-	-		0·1
		13h	1011·5	+2	NE	4	c	53	65	7	4000	Sl.Cu	8	-	8		om										
		18h	1012·6	+2	NNE	5	b	50	75	7	-	-	0	-	0	5		cajb									
		1h	1017·8	+3	NE	3	b	46	85	7	-	-	0	-	0				b								
14th	Plymouth	7h	1021·2	+3	ESE	2	b	49	75	6	-	-	0	-	0	1				bm	53	44		0.3	-		6·6
		18h	1011·9	+3	NNE	5	c-	53	65	8	4000	Cu	8	-	8	0		oc									
	Scilly.	13h	1021·7	0	SSW	4	bc	52	65	8	2500	Cu	5	-	5		bfb				54	40	32				11·9
		13h	1022·1	+3	NE	6	p	51	75	7	4000	Sl.Cu	9	-	9		bmc										
		18h	1023·6	0	N	2	b	51	75	8	4000	Cu	3	-	3	1		cbc									
		1h	1023·3	0	N'W	1	b	45	75	8	4000	Cu	3	-	3				b								
		7h	1023·6	0	WNW	3	o	49	65	8	4000	Cu	10	-	10	0				c	56	43		-	-		9·4
	Stornoway	1h	1012·0	-2	W	3	co+			6									c								
15th	Castlebay	7h	1006·9	-5	S	6	orr	49	92	5	450	Sl	10	-	10	4				r or d	50	44			2		4·8
	Stornoway	7h	1011·2	-2	SW	5	ojb	48	97	6	800	Sl	10	-	10	4			opo	opbcp	48	46			0·4		
		13h	1003·3	0	W	6	orr	46	92	5	450	Sl	10	-	10		r or d										
	Castlebay	18h	1004·4	+1	W	6	bcfr	45	75	5	4000	Cu	5	-	5	3		r or d						5			
		13h	1007·9	-2	SW	6	orro	49	97	4	450	Nb	10	-	10		oro										
	Scilly.	18h	1009·7	+1	WNW	5	ofr	47	75	6	1500	Sl	10	-	10	5		rorro						2			
		13h	1024·2	0	WNW	1	c-	55	65	8	4000	Sl.Cu	8	-	8		oc										
		18h	1024·2	0	WNW	2	c	52	65	8	4000	Sl.Cu	8	-	8	0		oo									
16th		1h	1024·2	0	WNW	3	b	48	92	9	-	-	0	-	0				b.bc								
		7h	1022·7	-2	W'S	3	o	50	75	8	4000	Sl.Cu	9	-	9	2				c	56	47		-	-		2·9
		13h	1023·0	0	W	3	c	56	65	8	4000	Sl.Cu	8	-	8		c										
		18h	1022·2	-2	SW	2	b-	54	75	8	-	-	0	aCu	3	1		b or bc									
		1h	1017·9	-2	SW	4	b	50	85	8	-	-	0	-	0				b								
17th	Plymouth.	7h	1014·5	-2	SW	4	bc	52	85	7	-	-	0	aCu	5	4				b	58	49		-	-		6·9
	Scilly.	7h	1016·1	-1	SSW	5	b-	51	85	8	1500	Sl.Cu	1	-	1	3				b or bc	56	49	43		-		10·8
		13h	1011·0	-3	S'W	5	odo	51	92	6	4000	Sl.Cu	10	-	10		bcdmo										
		18h	1007·9	-3	SW	5	orr	52	97	4	800	Sl	10	-	10	6		omdr									
18th		1h	1006·5	-1	W'N	2	oF	52	92	0	225	Sl	10	-	10				FFr								
		7h	1006·4	+2	W'N	3	o	50	97	7	4000	Sl.Cu	10	-	10	5				ofd	55	49		9	1		2·2
		13h	1007·2	0	W	4	bc-	57	97	7	-	-	0	aCu	5		omd										
		18h	1007·9	+1	W'N	4	b	55	85	7	-	-	0	-	0	4		bcm									
19th		1h	1010·1	+3	W	4	bc	52	92	7	4000	Sl.Cu	3	-	3				bc								
		7h	1013·7	+1	WNW	4	o	52	85	7	1500	Sl	10	-	10	4				oo	57	50		trace	-		5·6
		13h	1017·4	+3	WNW	4	bdo	55	85	7	4000	CuNb	6	-	6		ocdo										
		18h	1018·2	+3	SW'W	2	bbro	53	92	7	4000	Sl.Cu	6	-	6	4		oo									
20th		1h	1018·3	-1	SW	4	oro	53	97	6	1500	Sl	10	-	10				om								
		7h	1020·3	+3	W	5	of	54	97	3	450	Sl	10	-	10	5				ffdd	57	50		0·1	1		0·8
		13h	1023·7	+4	W	4	b	59	85	8	-	-	0	-	0		c										
		18h	1026·7	+3	W'S	3	o+	55	92	6	1500	Sl	10	-	10	2		bcc									
21st		1h	1027·0	0	SW	2	FFo	54	97	1	225	Sl	10	-	10				ffe								
		7h	1026·8	0	SSW	2	FFo	53	97	1	225	Sl	10	-	10	2				ffe	59	51		-	-		7·8
		13h	1026·5	-1	S'E	3	ffo	56	97	2	800	Sl	10	-	10		fe										
		18h	1024·3	-2	SE'S	3	ffo	54	97	2	450	Sl	10	-	10	3		fe									
		1h	1021·9	-3	SE	3	ffo	51	97	2	450	Sl	10	-	10				fe								
	Stornoway	7h	1018·7	-4	SE	1	o	53	97	6	1500	Sl	10	-	10	2				fe	57	51		-	0·1		0·0
		1h	1011·5	-3	SW	4	r			4									r or d								
22nd	Castlebay	7h	1013·5	+2	SSE	3	c	52	75	6	4000	Cu	8	-	8	3				c	52	47			10		6·4
	Stornoway	7h	1015·3	+1	SW	4	c	49	92	7	1500	Sl	7	-	7	4				rorro	rorc	52	48		2		0·1
		13h	1014·3	+1	SSE	3	c	54	65	6	4000	Cu	8	-	8		c										
	Castlebay	18h	1014·4	0	SSE	3	c	53	75	6	4000	Cu	8	-	8	2		c									
		13h	1016·5	0	SW	4	b	52	85	7	1500	Sl	2	aSl	3		cbc										
	Stornoway	18h	1014·1	-2	E	2	o	52	92	6	800	Sl	10	-	10	3		bco						-			
		1h	1011·0	-3	-	0	co+			5									c								
		7h	9994	-8	NNW	1	orr	48	97	6	450	Sl	10	-	10	0				r or d	55	47			12		5·9
	Spurn Hd.	1h	1013·7	-1	SSW	3	c	58	92	6	2500	Sl	7	-	7				b or bc								
	Scilly.	13h	1018·7	0	WSW	1	o	57	85	6	1500	Sl	10	-	10		feom										
		18h	1015·8	-2	WSW	1	ffo	55	92	4	450	Sl	10	-	10	2		f									
		1h	1014·3	-3	S	2	FFo	53	97	1	1500	Sl	10	-	10				feo								
23rd	Chesler.	7h	1014·6	-4	W'N	1	fo+	53	97	2	450	Sl	10	-	10	2				fe	58	52		-	0·2		0·0
	Scilly.	18h	1012·5	-1	WNW	2	bdr	58	85	7	1500	Sl	3	aCu	5			orrmbo			67			4			
		13h	1014·8	0	SSE	2	odr	54	97	6	1500	Sl	10	-	10		lifir										
		18h	1012·8	-2	-	0	fo	54	97	3	1500	Sl	10	-	10	1		omf									
24th		1h	1011·4	-3	ESE	2	bfc	52	97	6	2500	Sl	3	-	3				feobcm								
		7h	1010·9	0	W'N	1	ffo	52	97	2	450	Sl	10	-	10	2				ffe	57	50		4	0·2		0·0
		13h	1013·0	+2	W'N	1	ifo	55	92	5	450	Sl	10	-	10		ffe										
		18h	1014·0	+3	WNW	1	b-	58	85	7	-	-	0	CiSl	3	1		fb									
		1h	1015·7	+1	-	0	o	53	97	7	1500	Sl	10	-					oo								
25th	Spurn Hd.	7h	1015·7	0	SSE	1	om	54	97	6	4000	Sl.Cu	10	-	10	0				f	59	52		1	-		4·6
	Scilly.	1h	1013·7	+1	NNW	3	b	56	92	6	-	-	0	aCu	2												
		7h	1016·0	+1	-	0	o	58	85	7	4000	Sl.Cu	10	-	10		oo										
		13h	1017·2	+1	-	0	o	56	85	7	4000	Sl.Cu	10	-	10	0		oo									
		18h	1018·8	0	-	0	om	53	97	6	800	Sl	10	-	10				oo								
		1h	1020·1	+2	SSW	1	ifo	58	97	2	1500	Sl	10	-	10	0				f	59	53		-	0·4		0·3
26th	Spurn Hd.	7h	1018·6	+1	NNW	3	o	50	92	6	1500	Sl	10	-	10				c								
	Cranwell.	7h	1019·2	0	WNW	3	olr	55	92	6	4000	Sl.Cu	6	CiSl	9					oroim		52	51		0·1		13·0
	Scilly.	13h	1023·5	+4	W	1	o	59	85	8	2500	Sl	10	-	10		c										
		18h	1024·1	+2	WNW	3	ifo	54	92	7	1500	Sl	10	-	10	0		oo						trace			

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, May 1922

II.—ADDITIONS.

Report for	STATION.		Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9	Summaries for the Past 24 Hours. Weather. 7h.-13h.	13h.-18h.	18h.-1h.	1h.-7h.	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass.	Rainfall.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.
26th	Scilly.	1h	1025·0	+1	WSW	1	o	52	97	8	4000	Sc.Cu	10	-	10				oo	oo	61	53		trace	-	
		7h	1026·1	+1	SW'W	3	ifo	56	97	6	2500	Sc.Cu	10	-	10	2										
27th		13h	1027·2	+1	W'N	3	o	60	85	6	4000	Sc.Cu	10	-	10		od,om									
		18h	1027·8	+1	NW'N	2	bc-	58	85	T	4000	Sc.Cu	6	-	6	2		omc								
		1h	1030·6	+1	WNW	2	b	51	92	T	-	-	0	-	0				b							
		7h	1030·1	0	E	1	b	57	85	T	-	-	0	-	0	1				b	61	49		0·1	-	
28th	Spurn Hd.	1h	1026·1	+2	WNW	4	b	50	92	6	-	-	0	aCu	3											
	Scilly.	13h	1030·0	0	NE	1	b	63	75	8	-	-	0	-	0		b									
		18h	1030·11	-1	NE	2	b	61	75	8	-	-	0	-	0	1		b								
		1h	1029·11	0	NE	1	b	51	92	8	-	-	0	-	0				b							
		7h	1027·8	0	ENE	2	b	58	75	8	-	-	0	-	0	1				b	62	50		-	-	
	Stornoway	1h	1026·9	-2	-	0	co			5									oo							
		7h	1028·2	-7	W	3	obr	53	85	6	450	Sc	10	-	10	2				b	54	42			2	
	Castlebay.	7h	1021·8	-2	WSW	4	odb	52	97	5	800	Nb	10	-	10	4			bcp	obr,f	52	48			0·3	
	Spurn Head.	1h	1030·3	+1	-	0	b	49	85	7	-	-	0	-	0											
29th	Castlebay.	13h	1024·0	+3	W	5	cm	54	85	6	1500	Sc	8	-	8		b,fom									
		18h	1027·0	+3	NW	4	df	53	85	6	1500	Sc	10	-	10	3		omco						trace		
	Spurn Head.	1h	1028·3	+1	SSW	1	b	52	85	T	-	-	0	-	0				b or bc							
	Gorleston.	1h	1028·5	0	SW	2	b	49	75	8	-	-	0	-	0											
	Scilly.	13h	1027·6	0	E'S	4	b	60	55	8	-	-	0	-	0		b									
		18h	1027·7	0	E	2	b	64	65	T	-	-	0	-	0	2		b								
		1h	1027·9	0	E	2	b	53	85	8	-	-	0	-	0				b							
		7h	1027·5	0	E	3	b	59	75	T	-	-	0	-	0	3				b	67	52		-	-	
30th		13h	1028·7	0	NE	3	b	69	55	T	-	-	0	Ci	2		b									
		18h	1028·4	0	E'S	2	b	65	75	8	-	-	0	Ci Cu	2	2		b								
		1h	1028·2	0	E	3	b	55	85	8	-	-	0	-	0				b							
		7h	1028·6	0	E'S	3	b	61	75	8	-	-	0	-	0	2				b	70	53		-	-	
	Spurn Hd	1h	1029·4	0	SSE	2	b	56	97	6	-	-	0	-	0											
	Plymouth.	7h	1029·5	0	-	0	b	64	65	8	-	-	0	-	0	0			b	b	71	52	39		-	
31st	Scilly.	13h	1028·3	0	ESE	4	b+	67	75	T	-	-	0	Ci	2		b									
		18h	1026·0	-2	ESE	2	bc-	64	75	T	-	-	0	Ci	6	2		bcc								
		1h	1026·0	-2	ESE	3	bc-	56	75	T	-	-	0	Ci Cu	4				cbc							
		7h	1024·0	-1	E'S	2	b	62	75	T	-	-	0	Ci Cu	3	2				bc	67	54		-	-	
	S. Farnborough.	18h	1026·4	-2	SW	3	o+	77	55	T	5750	Cu	1	Ci	9			bbcyco			84					

I.—CORRECTIONS AND ADDITIONS UPPER AIR SUPPLEMENT.

DIRECTION AND MEAN VELOCITY OF SURFACE AND UPPER WINDS.

1st	0700	Sholwick.	Sur.	310	2
	0800	Croydon.	1000	315	8
	0800	Lympne.	2000	280	6
			4000	288	10
			5000	280	16
	1300	Sholwick	2000	310	14
	1700	Eskdalemuir	Sur	200	5
			10000	80	1
3rd	0700	Cranwell	Sur	200	6
	0600	Calshot.	Sur	230	11
			1000	245	19
			4000	265	23
4th	0600	Renfrew.	1000	235	28
			2000	250	26
	0700	Croydon.	Sur	245	10
	1200	Sholwick.	Sur.	235	25
5th	1200	Calshot.	4000	290	57
	1700	Renfrew.	2000	285	31
6th	0800	Cranwell.	5000	275	20
	1200	Sholwick.	1000	205	16
			7000	245	66
	1200	Cranwell.	5000	265	23
	1700	Calshot.	8000	255	28
			10000	265	25
7th	1700	Baldonnell.	3000	230	32
8th	1300	Sholwick.	3000	245	15
	1500	"	2000	265	11
9th	0800	Eskdalemuir.	2000	35	1
			3000	300	14
			4000	305	24
			5000	300	32
			6000	395	38
	1700	Renfrew.	2000	311	9
	1700	Grain.	3000	195	13
10th	1200	Holyhead.	10000	305	26
	1700	Calshot.	4000	330	14
			5000	310	17
12th	0600	Renfrew.	1000	35	20
			2000	30	10
12th	0600	Cranwell.	8000	30	28
	1200	Renfrew	1000	5	12
	1700	"	Sur	5	7
	1700	Sholwick.	1000	335	13
13th	0800	Eskdalemuir	Sur	290	16
	1200	Renfrew.	Sur	285	13
	1600	Holyhead.	4000	270	11
			14000	330	27
	1700	Grain.	1000	70	5
			2000	10	4
	1700	Croydon.	Sur	353	5
	1700	Calshot.	2000	340	9
14th	1700	Holyhead	1000	230	27
			4000	280	25
	1700	Calshot.	2000	255	19
			5000	255	9
15th	0600	"	1000	280	11
	1700	Grain	65000	295	36
16th	0600	Calshot.	10000	230	21
	1700	Cranwell.	8000	240	30
17th	1200	Renfrew	2000	207	13
18th	0600	Cranwell.	3000	260	34
	1200	Calshot.	Sur	225	25
	1700	Cranwell.	6000	260	30
19th	0800	Eskdalemuir	Sur	220	14
	1200	Renfrew.	1000	245	37
	1300	Baldonnell.	Sur	265	14
	1700	Croydon.	Sur.	255	20
21st	1700	Renfrew	2000	195	13
	1700	Grain.	1000	185	17
22nd	0700	Calshot.	8000	215	25
	1700	Cranwell.	6000	225	36
23rd	1100	"	Sur.	195	12
			1000	220	16
			2000	225	15
	1800	Renfrew.	2000	228	24
24th	1200	Eskdalemuir	8000	210	48
			10000	230	52
	1100	Calshot.	5000	240	20
24th	1100	Calshot.	6000	235	20
			8000	220	28
			10000	215	33
			12000	210	38
	1800	Sholwick	Sur.	290	12
			1000	320	16
			3000	215	12
			8000	215	33
25th	1200	Holyhead	6000	225	15
	1100	Calshot.	3000	290	8
			8000	265	19
	1200	"	3000	305	6
			5000	265	15
	1700	Lympne.	1000	155	8
26th	1200	Sholwick.	1000	255	24
	1300	Holyhead	2000	280	25
	1300	Lympne.	Sur	305	6
	1800	Sholwick.	6000	290	25
27th	0700	Lympne.	2000	10	19
			3000	Delete entry	
	0700	Calshot.	2000	25	15
	1100	Renfrew.	6000	318	8
	1200	Lympne.	4000	345	9
			8000	315	17
			10000	310	23
	1700	Holyhead.	Sur.	345	3
	1500	Calshot.	1000	280	7
	1700	Lympne.	1000	15	11
			2000	355	15
			4000	325	21
	1700	Calshot.	5000	5	14
			10000	315	18
29th	1200	Eskdalemuir	Sur	260	9
	1700	Renfrew.	2000	254	9
			5000	255	27
			6000	253	32
	1600	Sholwick.	5000	225	14
	1800	Lympne.	2000	00	7
30th	1300	Sholwick.	8000	265	31
30th	1200	Lympne.	1000	60	9
			10000	10	11
	1600	Sholwick.	2000	230	3
			3000	245	11
			4000	235	16
			10000	310	12
	1700	Lympne.	5000	35	10
	1300	Grain.	8000	305	8
31st	0800	Eskdalemuir	3000	280	29

II.—ADDITIONS. (a) UPPER WINDS.

Place.	Croydon.	Sholwick.	Sholwick.	Cranwell.	Cranwell.	Renfrew.	Renfrew.	Cranwell.	Sholwick.	Sholwick.	Sholwick.	Sholwick.
Date and Time.	7th 1120	10th 1500	11th 1600	12th 1800	22nd 1700	23rd 0600	25th 0700	25th 1600	30th 0600			
Height. Feet	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.	Dir. ° / Speed m.p.h.			
Surface.	195 / 10	155 / 6	75 / 9	365 / 13	260 / 13	320 / 7	310 / 14	305 / 13	- / 0			
1000	205 / 13	145 / 14	95 / 14	10 / 24	270 / 18	250 / 8	340 / 8	325 / 12	- / 0			
2000	220 / 10	130 / 10		5 / 37	255 / 20	225 / 10	345 / 3	295 / 6	320 / 9			
3000	215 / 12	155 / 7			260 / 25	220 / 14	270 / 6	235 / 14	168 / 8			
4000	215 / 17	295 / 11			240		220 / 11	230 / 19	260 / 17			
5000	280 / 18	290 / 16					210 / 19	225 / 20	270 / 18			
6000	195 / 10	295 / 19					244 / 15	245 / 16	290 / 18			
8000	215 / 14	305 / 33					230 / 16	260	280 / 19			
10000							225 / 16		285 / 19			
12000							250 / 16		305 / 17			
14000							260 / 10					
18000							345 / 15					

(24,000)

‡ The barometric change is expressed in half millibars.

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