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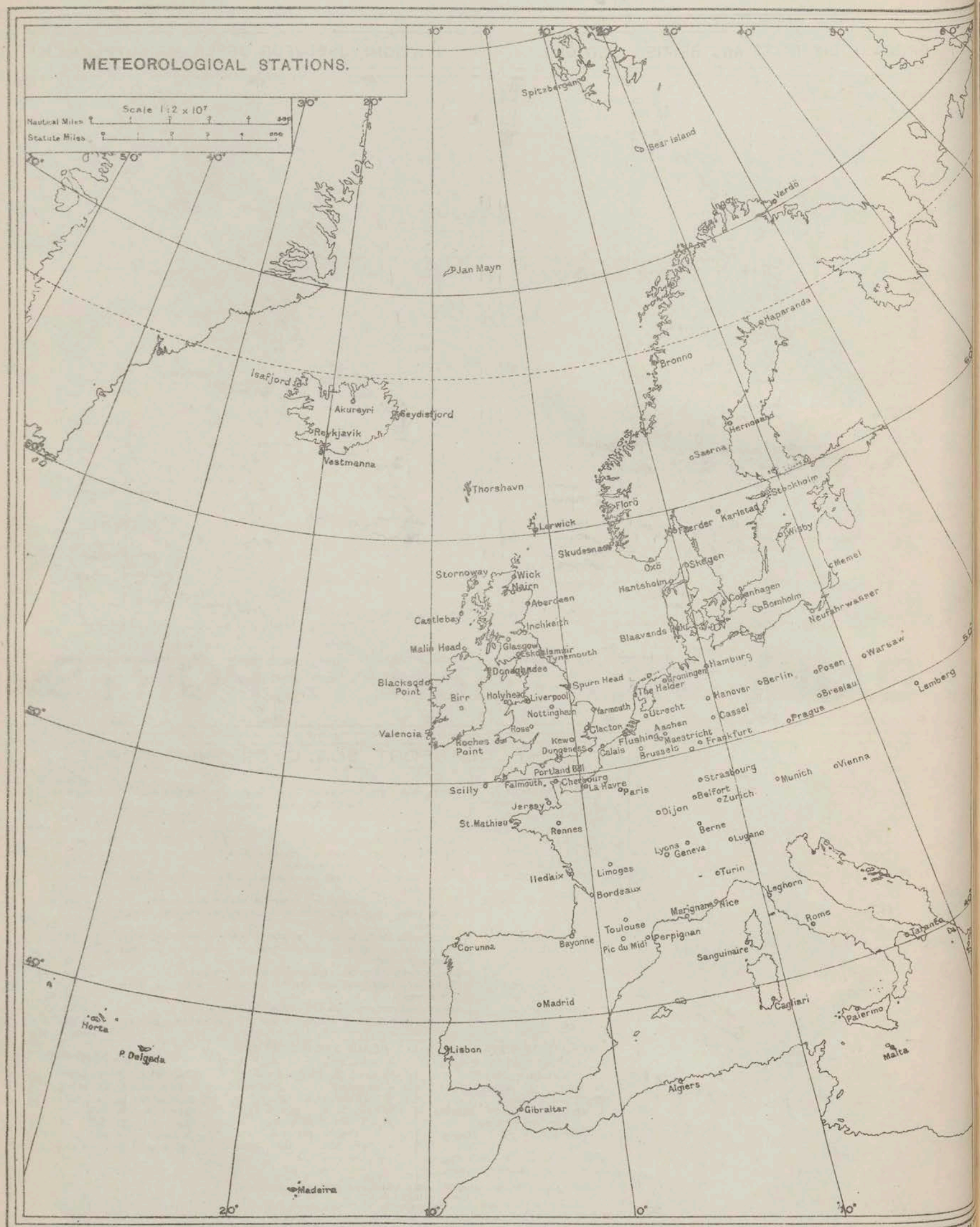
DAILY WEATHER REPORTS

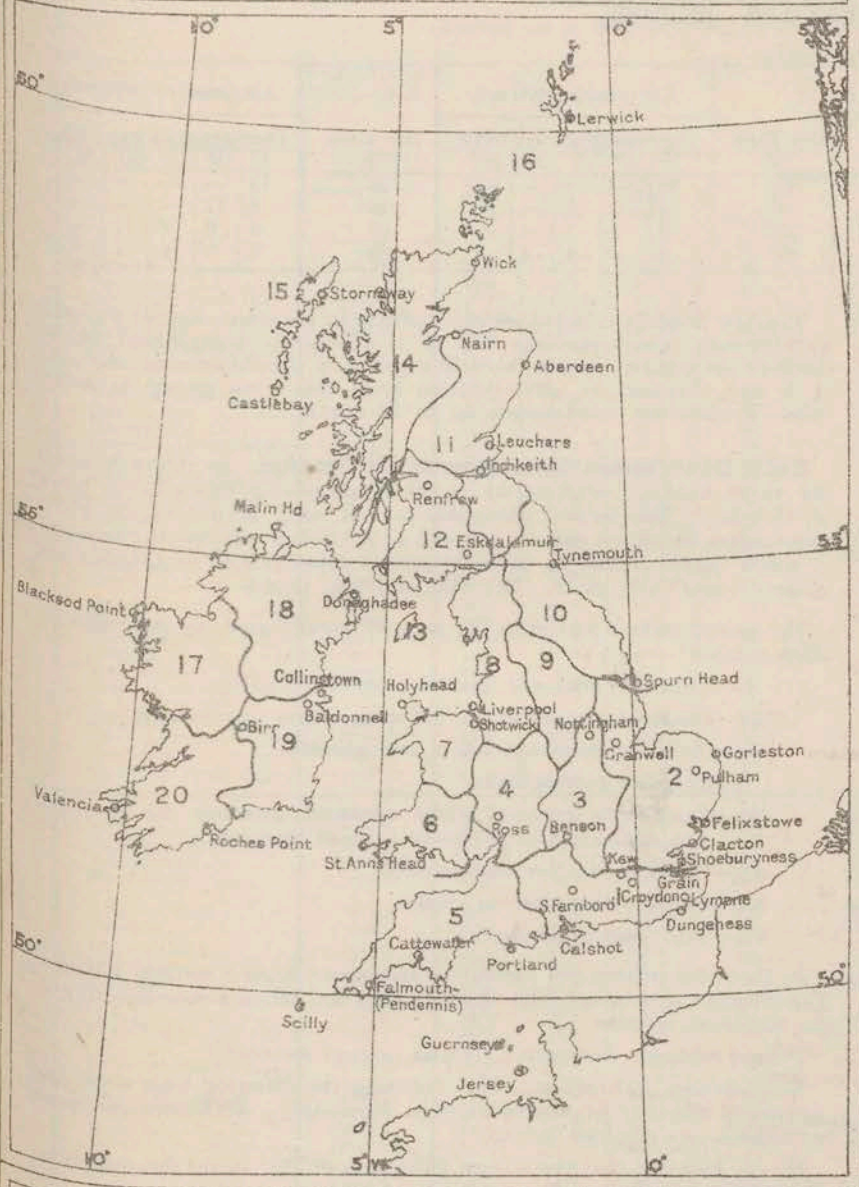
1ST APRIL TO 30TH JUNE, 1922.



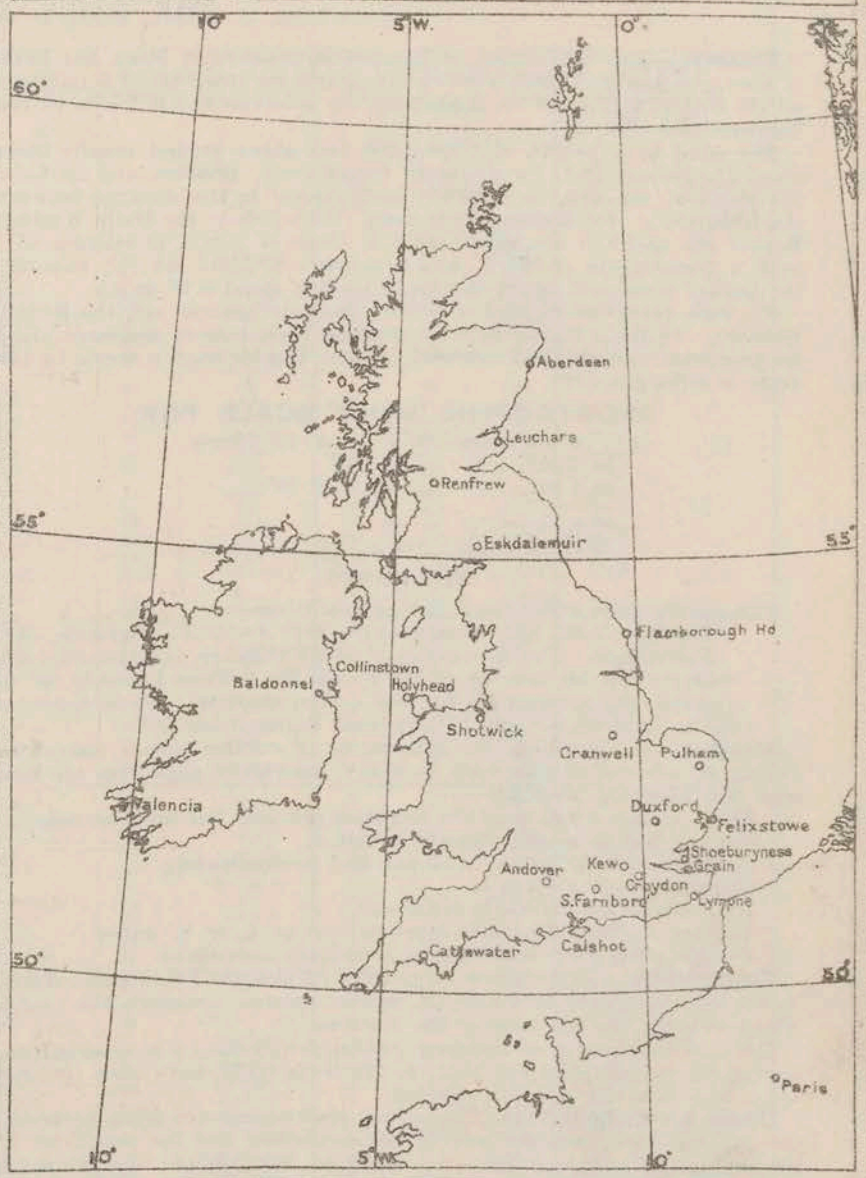
H.M. Stationery Office Press, Kingsway, W.C.2.

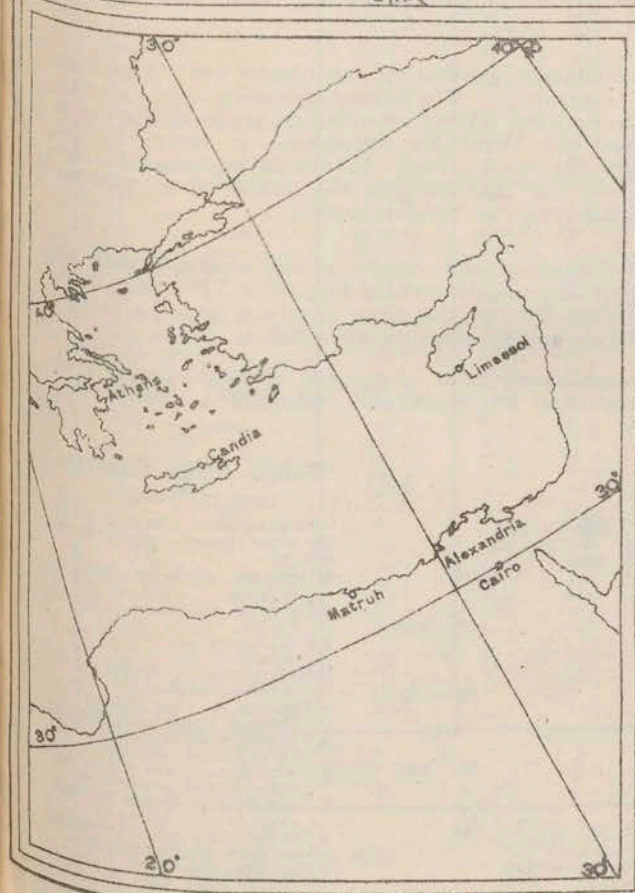
Pt. 2069/555. Wt. 257. D. 7351/Pt. 1081.

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.

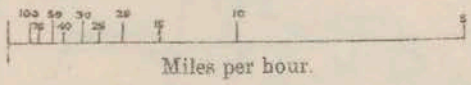
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

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.)

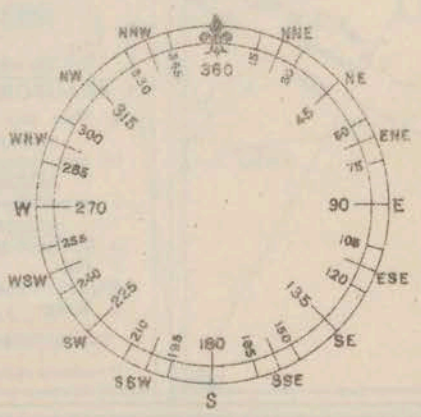
Fifth column. Direction. This indicates the direction from which the maximum intensity of atmospherics is proceeding. Directions are given in degrees (*see* diagram below).

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 APRIL, 1922.

Low temperature which marked the early days of spring this year was maintained throughout the greater part of April. At night the thermometer fell repeatedly below the freezing point and ground frost was recorded no less than twenty-four times at Renfrew. The cold was most intense during the first few days, particularly on the second when temperature in screen fell below 25°F in several districts. On the following day a depression in the Channel caused gales near the Cornish coast and heavy rain or snow in London and many parts of Southern England.

The warmest weather was generally experienced about the middle of the month when owing to a strong cyclonic circulation round a depression near the Azores a supply of air from the South moved rapidly northwards to our Islands. It is noteworthy that on the 14th, when temperature suddenly rose above 60°F in many parts and to 67°F in London there were only a few hours sunshine: 3.3 at Kew. At night the wind increased to gale force on many parts of the coast and remained rough throughout the greater part of the 15th as the depression moved across our Islands. Northerly winds in its rear caused a marked drop in temperature for a day or two.

Rainfall was about normal in several districts but in some parts of Central and Southern England it was decidedly heavy. At Valencia, however, the total for the month was below the average.

Thunder was heard in the South-east on three or four days during the last week.

Telegraphic Code for Surface Visibility.

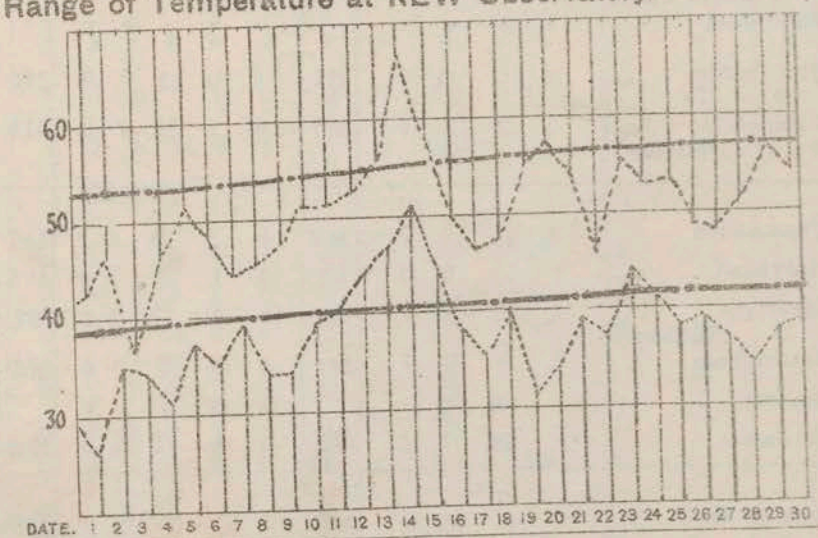
			Land Reports.
0. Dense fog.	Objects not visible at		55 yards.
1. Rather thick fog	"	"	220 "
2. Very bad	"	"	550 "
3. Bad	"	"	1,100 "
4. Very poor	"	"	1¼ miles.
5. Poor	"	"	2½ "
6. Moderate	"	"	6¼ "
7. Good	"	"	12½ "
8. Very good	"	"	31¼ "
9. Excellent	"		beyond 31¼ "

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 curves indicate the maximum temperature recorded each day throughout the month between 7h. and 18h.; the lower curve indicates the minimum temperature recorded each night between 18 h. 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.										7H.										13H.										18H.									
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Stornoway	0	0	0	0	3	11	5	11	0	0	0	0	0	0	0	2	16	11	1	0	0	0	0	0	0	1	18	10	1	0	0	0	0	0	0	1	17	12	0	0
Aberdeen	*	*	*	*	*	*	*	*	*	*	0	0	0	3	3	4	5	10	5	0	0	0	0	0	0	2	8	7	13	0	0	0	0	0	2	8	11	9	0	0
Edinburgh (Inchkeith)	0	0	0	0	0	0	8	8	12	4	0	1	1	0	4	3	5	8	7	1	0	0	0	0	0	1	1	9	18	1	0	0	0	0	0	0	3	7	19	1
Renfrew	*	*	*	*	*	*	*	*	*	*	0	0	3	6	9	1	5	3	3	0	0	0	1	0	1	3	10	5	8	2	0	0	0	0	2	3	10	5	8	2
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	0	0	1	0	0	0	8	7	14	0	0	0	0	0	0	0	2	12	16	0	0	0	0	0	0	0	3	12	15	0
Birr Castle	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	10	17	3	0	0	0	0	0	0	0	6	5	19	0	0	0	0	0	0	0	7	14	8	1
Valencia (Cahirciveen)	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	4	6	9	11	0	0	0	0	0	0	3	6	6	15	0	0	0	0	0	0	5	3	10	12
Tynemouth	0	0	0	2	2	4	6	6	0	0	0	0	0	5	2	3	16	2	2	0	0	0	0	0	2	1	10	6	11	0	0	0	0	0	2	3	10	8	7	0
Holyhead	0	0	0	0	0	2	5	9	14	0	0	0	0	0	0	2	6	8	12	2	0	0	0	0	0	0	4	8	7	11	0	0	0	0	0	0	3	5	11	7
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	0	0	3	3	0	7	1	10	5	1	0	0	1	0	2	3	8	6	9	1	0	1	1	0	1	6	4	4	6	7
Nottingham	*	*	*	*	*	*	*	*	*	*	0	0	0	10	5	6	8	1	0	0	0	0	0	0	2	3	16	9	0	0	0	0	0	0	4	7	14	5	0	0
Cranwell	0	0	0	0	1	1	19	7	2	0	0	0	0	0	0	5	17	6	2	0	0	0	0	0	0	0	8	14	8	0	0	0	0	0	0	1	8	13	8	0
Gorleston	0	0	0	0	0	0	7	16	7	0	0	1	0	0	1	3	11	12	2	0	0	0	0	0	0	2	14	12	2	0	0	0	0	0	0	1	15	10	4	0
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	0	0	0	1	5	1	5	6	9	3	0	0	0	0	1	1	2	7	11	8	0	0	0	0	0	2	3	8	10	7
Benson	*	*	*	*	*	*	*	*	*	*	0	0	1	0	4	8	4	3	9	1	0	0	0	1	1	5	6	4	11	2	0	0	0	1	1	6	4	5	8	5
London (Kew Obs.)	*	*	*	*	*	*	*	*	*	*	0	0	0	4	7	4	10	2	3	0	0	0	0	1	0	7	8	3	11	0	0	0	0	1	1	8	15	3	2	0
Croydon	0	0	0	0	1	3	12	8	6	0	0	0	0	3	4	10	7	5	1	0	0	0	0	0	0	5	11	9	5	0	0	0	0	0	2	2	17	3	1	0
Grain	*	*	*	*	*	*	*	*	*	*	0	0	0	0	1	0	16	8	5	0	0	0	0	0	0	0	9	5	16	0	0	0	0	0	0	0	9	9	12	0
Lympne	0	1	0	1	0	1	3	14	10	0	0	0	0	0	2	4	10	6	8	0	0	0	0	0	1	2	4	5	15	3	0	0	0	2	0	3	7	5	11	2
Falmouth (Pendennis)	0	0	0	0	0	3	3	15	9	0	0	0	0	0	0	1	6	15	8	0	0	0	0	0	0	2	5	11	12	0	0	0	0	0	1	2	5	8	12	2
Southampton (Calshot)	0	0	0	0	0	1	5	11	13	0	0	0	0	0	0	5	11	8	6	0	0	0	0	0	0	0	6	11	13	0	0	0	0	0	1	1	6	14	8	0

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

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

Equivalents of Temperature. A°.	F°.
263·6	15
265·0	23
268·6	24
273·0	32
273·6	33
278·0	41
278·6	42
283·0	50

TEMPERATURE.

STATIONS.	† Maximum. 33 – 41	42 – 50	51 – 59	60 – 68	Normal Max. °F.	† Minimum. 23 or below	24 – 32	33 – 41	42 – 50	51 – 59	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.
Stornoway ...	2	26	2	0	49·5	0	11	18	1	0	37·5	52	19, 20	40	12	44	20	28	14	*
Aberdeen ...	1	28	1	0	50·2	0	9	21	0	0	37·5	51	24	40	8	40	25, 27, 30	26	1	17
Edinburgh ... (Inchkeith)	1	27	2	0	*	0	1	29	0	0	*	51	15, 25	41	1	41	22, 25	30	1	9
Renfrew	2	19	8	1	*	3	14	13	0	0	*	61	20	41	8, 14	41	25	22	6	24
Eskdalemuir ...	2	23	4	1	*	7	15	8	0	0	*	60	24	39	14	39	22	17	6	22
Dublin ... ... (Phœnix Park)	1	18	14	0	53·0	1	19	10	0	0	37·4	55	14, 22	41	1	41	18	21	2	21
Baldonnel ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	17	13	0	54·2	0	14	13	3	0	38·0	58	19	42	1	46	20	26	2, 10	21
Valencia ... ... (Cahirciveen)	0	21	9	0	53·4	0	1	22	7	0	42·6	55	18	43	12	46	20, 23	31	6	3
Tynemouth ...	2	22	6	0	50·5	0	7	23	0	0	37·7	57	15	41	1, 8	41	15, 22	30	6	16
Holyhead ...	1	23	6	0	51·2	0	1	22	7	0	41·5	56	14	40	1	47	15	32	2	2
Liverpool ... (Bidston)	2	22	6	0	52·4	0	2	24	4	0	40·2	56	14	40	8	43	23	27	1	14
Nottingham ...	2	16	11	1	54·1	0	8	19	3	0	37·8	64	14	39	8	50	5	27	1, 2	9
Cranwell	1	18	10	1	*	0	13	16	1	0	*	63	14	41	3	49	15	26	1, 3	16
Gorleston ...	3	20	7	0	50·0	0	4	20	6	0	39·8	59	15	40	3	44	13	29	2	7
Ross-on-Wye ...	1	13	15	1	56·4	0	7	21	2	0	38·5	61	14	34	3	48	15	25	2	18
Benson	1	12	16	1	*	1	13	14	2	0	*	65	14	35	3	48	15	21	2	19
London ... ... (Kew Obsy.)	1	13	15	1	55·0	0	3	22	4	1	39·5	67	14	36	3	51	15	26	2	15
Croydon	1	13	15	1	*	0	7	18	5	0	*	67	14	35	3	50	15	26	2	11
Grain	1	17	11	1	*	1	5	20	3	1	*	66	14	39	3	51	15	23	2	14
Lympne	1	20	8	1	*	0	3	23	4	0	*	60	14	41	1	49	15	28	2	11
Southampton ... (Calshot)	0	14	16	0	*	0	2	19	9	0	*	59	20	42	2	48	15	31	8, 9	3
Falmouth ... (Pendennis)	1	15	14	0	*	0	1	18	11	0	*	55	14	41	1	45	24	31	4	*

LOW CLOUD.

STATIONS.	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 ...	8	15	1	12	16	0	11	17	0
Aberdeen ...	0	23	1	2	26	0	0	26	3
Edinburgh ... (Inchkeith)	*	*	*	*	*	*	*	*	*
Renfrew	1	19	4	1	25	1	1	24	4
Eskdalemuir ...	2	23	0	0	29	0	1	27	1
Dublin ... ... (Phœnix Park)	*	*	*	*	*	*	*	*	*
Baldonnel ...	*	*	*	*	*	*	*	*	*
Birr Castle ...	3	25	0	0	30	0	2	28	0
Valencia ... ... (Cahirciveen)	2	26	0	2	26	2	2	25	3
Tynemouth ...	0	20	1	0	25	0	0	26	0
Holyhead ...	1	24	0	1	25	1	1	21	1
Liverpool ... (Bidston)	7	15	0	2	26	0	3	10	0
Nottingham ...	9	8	0	12	16	0	12	13	0
Cranwell	4	15	1	2	28	0	6	22	1
Gorleston ...	0	17	6	0	23	3	0	17	3
Ross-on-Wye ...	4	16	4	1	24	4	1	25	0
Benson	*	*	*	*	*	*	*	*	*
London ... ... (Kew Obsy.)	2	22	1	1	19	8	0	21	7
Croydon	10	15	0	4	23	2	5	21	2
Grain	0	20	2	0	28	0	0	24	3
Lympne	12	15	1	5	23	0	6	18	3
Southampton ... (Calshot)	1	14	1	3	26	0	3	19	3
Falmouth ... (Pendennis)	0	22	3	0	27	2	1	28	1

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	LEUCHARS. Mean.	No. of Reports.	S. FARNBOROUGH Mean.	No. of Reports.	ANDOVER. Mean.	No. of Reports.
mb.	feet.	°F.	°F		°F.		°F.	
950	1760	41	33	1	44	1	39	3
850	4700	31	35	2	29	1	28	3
750	7950	23	30	2	22	1	17	3
650	11,590	12	6	1	12	1	-2	1
550	15720	-3	-11	1	*	0	*	0

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	38	15	18	5	0	0	35	8	24	3	0	0	50	6	25	16	3	0
5,000	12	6	4	2	0	0	19	4	10	5	0	0	24	4	13	4	2	1
10,000	1	1	0	0	0	0	5	1	2	2	0	0	5	0	4	1	0	0
15,000	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	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.

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

RAINFALL, HUMIDITY AND LOW CLOUD, APRIL, 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.	Maximum Duration. Hours.	Date.	Total for past 12 months. hours.	Difference from average. hours.	Total for Month. hours.	Difference from average. hours.	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. mm.	Difference from Average. mm.	Total for Month.* mm.	Difference from Average. mm.	Days with Thunder.	Days with Snow or Sleet.
Stornoway ...	3	3	10	6	8	12·7	18	1154	-105	179	+25	9	9	6	5	0	1	30	9	1301	+35	92	+15	0	3
Aberdeen ...	2	7	11	8	2	13·3	19	1364	-23	143	-15	9	7	9	4	1	0	16	14	566	-222	75	+27	0	7
Edinburgh ... (Inchkeith)	2	5	10	7	6	12·6	20	*	*	175	*	20	1	6	2	0	0	12	14	*	*	38	*	0	3
Renfrew	3	4	13	2	8	11·9	22	*	*	162	*	18	5	4	2	0	1	38	14	1002	*	68	*	0	3
Eskdalemuir ...	1	8	11	7	3	12·5	18	1360	*	157	*	16	6	3	4	0	1	33	14	1358	*	86	*	0	10
Dublin ... ... (Phœnix Park)	1	8	6	10	5	12·5	19	1545	+38	172	+7	12	4	10	4	0	0	10	14	679	-26	61	+15	2	2
Baldonnel ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle ...	3	7	6	10	4	11·4	19	1394	+51	158	+4	11	7	10	1	1	0	22	14	830	+1	57	+2	0	1
Valencia ... ... (Cahirciveen)	1	9	2	14	4	11·1	9	1445	0	163	+3	7	2	16	5	0	0	13	14	1297	-117	83	-10	1	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	17	9	2	2	0	0	10	12, 14	556	-65	36	0	0	2
Holyhead ...	0	5	7	8	10	13·2	19	1702	*	212	*	16	6	4	3	1	0	19	14	830	-58	58	+5	0	1
Liverpool ... (Bidston)	1	7	5	9	8	12·1	28, 29	1597	*	183	*	15	4	8	3	0	0	9	12	675	-34	44	+3	0	0
Nottingham ...	7	7	7	7	2	10·4	19	1464	+139	119	-30	11	6	7	6	0	0	13	25	608	+10	71	+35	0	4
Cranwell	3	7	4	9	7	11·9	29	1749	*	170	*	13	5	8	4	0	0	10	25	542	*	65	*	0	4
Gorleston ...	*	*	*	*	*	*	*	*	*	*	*	13	6	7	4	0	0	14	25	538	-84	40	+2	2	8
Ross-on-Wye ...	4	3	11	6	6	11·0	2	1688	*	165	*	11	8	7	3	1	0	16	3	598	-120	68	+20	*	3
Benson	*	*	*	*	*	*	*	*	*	*	*	14	4	8	4	0	0	14	13	441	*	62	*	1	2
London ... ... (Kew Obsy.)	3	4	11	10	2	10·2	19	1638	+163	141	-16	15	2	8	5	0	0	14	3	404	-202	66	+29	2	3
Croydon	3	6	10	8	3	10·4	2	*	*	138	*	12	6	7	3	2	0	18	3	464	*	79	*	1	3
Grain	4	4	10	8	4	13·1	19	1815	*	158	*	15	8	4	3	0	0	15	3	*	*	45	*	0	3
Lympne	3	6	7	10	4	12·6	19, 29	1946	*	161	*	10	7	8	5	0	0	14	3	479	*	68	*	3	3
Southampton ... (Calshot)	3	6	4	10	7	11·8	24	1957	*	181	*	12	10	5	3	0	0	14	12	478	*	60	*	1	2
Falmouth ... Observatory	4	7	3	8	8	12·5	19	1784	+25	175	-9	10	4	7	8	1	0	22	13	974	-133	121	+54	1	0

MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

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

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.

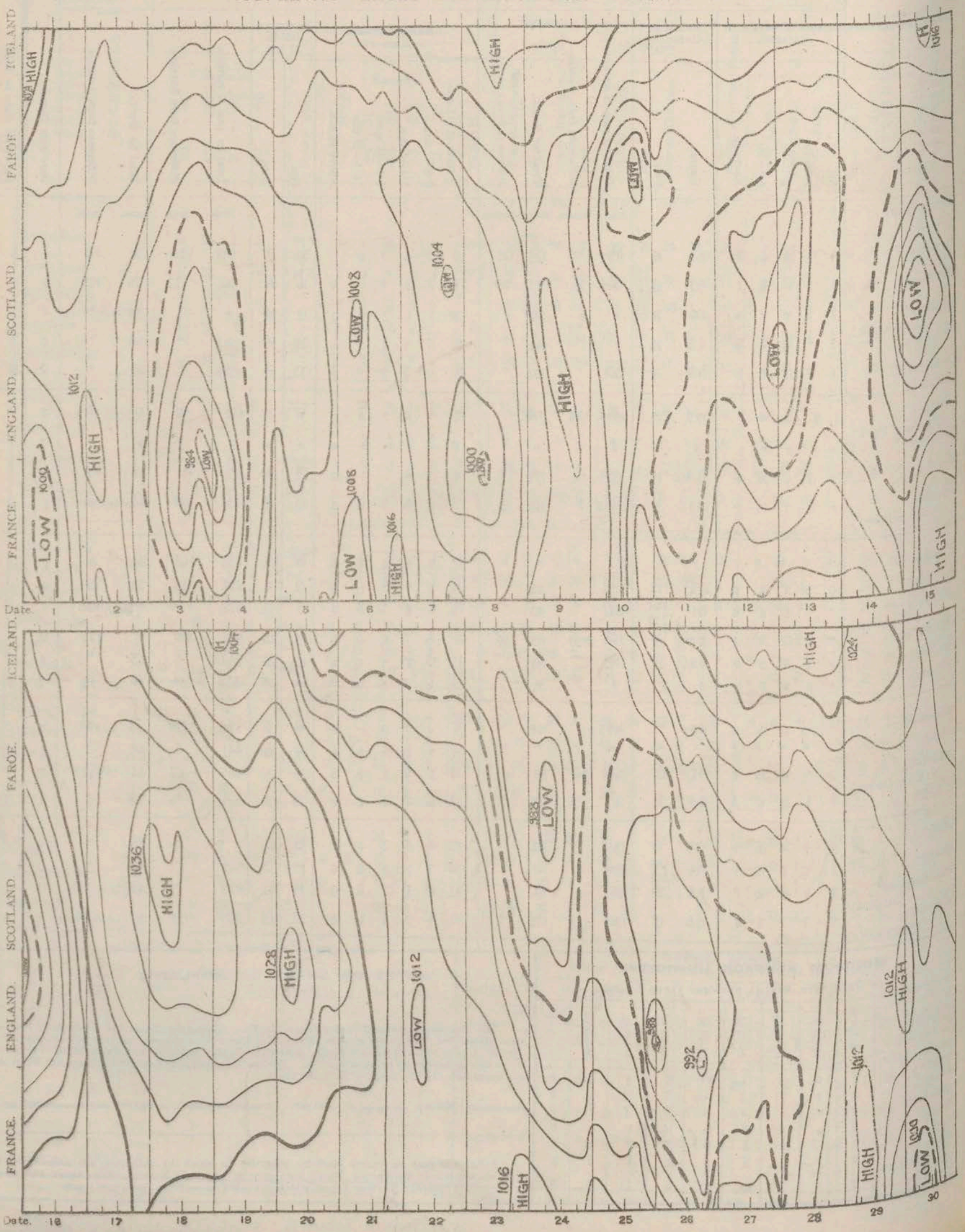
——— = 1,020 mb. — — — = 1,000 mb. ×—×—× = 980 mb. —o—o— = 960 mb.

* 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 ..... APRIL ..... 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. 22,045 SATURDAY 1st APRIL 1922. Page 1.

Observations at 1300 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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1010.1	-1	ENE	2	o+	36	97	7	4000	St.Cu	10	–	10	*
Stornoway	1009.4	+1	E	4	bc	40	75	7	4000	Cu	5	–	5	*
Wick	1009.8	+1	E	2	c/s(h)	38	75	8	2500	Cu.Nb	5	Ci.St	7	*
Castlebay	1008.6	+1	ENE	4	c	41	55	8	1500	St.	6	—	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1009.0	+1	ENE	2	c/s(h)	40	65	8	4000	Cu.Nb	6	Ci.St	8	*
Malin Head	1005.5	+2	E	3	bc	38	97	8	4000	Cu	4	–	4	*
Renfrew	1007.7	+2	ENE	3	os₀	37	75	6	1500	Nb	10	–	10	*
Edinburgh (Inchkeith)	1008.0	+3	ENE	2	os	33	92	3	-x-	Cu.Nb	10	–	10	*
Eskdalemuir	1006.9	+1	E	4	ops₀	34	65	8	2500	St.Cu	10	–	10	*
Tynemouth	1006.5	+2	E	2	bc	38	75	8	4000	Cu	4	–	4	*
Blacksod Point	1002.9	+1	E	1	bc	43	65	9	–	Cu	2	Ci.St	4	*
Donaghadee	1005.2	+2	SSE	5	b/s(h)	38	97	8	4000	Cu	3	–	3	*
Birr Castle	999.8	*	NW	2	c-	39	85	7	2500	St.Cu	8	–	8	*
Baldonnell	999.8	+3	ENE	5	oss	34	97	4	800	St.	10	–	10	*
Holyhead	1001.6	+5	E'S	6	os	34	97	5	225	St.	10	–	10	*
Liverpool (Bidston)	1003.4	0	ESE	3	bc/s(h)	36	85	5	1500	Nb	2	A.St	6	*
Chester (Shotwick)	1002.5	0	E	5	o/r	38	55	7	2500	St.	3	A.St	10	*
Spurn Head	1005.0	+2	ENE	4	bc	42	75	8	4000	Cu	5	–	5	*
Nottingham	1004.1	*	E	3	bc-	39	65	7	1500	Cu	4	Ci	5	*
Cranwell	1004.7	0	ENE	4	c	39	55	8	4000	St.Cu	6	Ci.St	7	*
Gorleston	1004.6	+1	E'N	3	bc+	40	55	7	5750	Cu	5	–	5	*
Pulham	1003.8	+1	N	3	bc	40	55	8	2500	Cu	5	–	5	*
Felixstowe	1005.6	+1	NE'E	3	bc	39	55	9	5750	St.Cu	2	A.St	4	*
Valencia (Cahirciveen)	999.7	0 -1	NE	4	c-	43	75	8	4000	St.Cu	7	–	7	*
Roches Point	998.3	-5	NNE	3	bc-	44	85	8	4000	Cu	4	Ci.Cu	5	*
Pembroke (St. Ann's Hd.)	999.2	-1	SSE	2	or₀r₀	40	85	7	2500	Nb	10	–	10	*
Ross-on-Wye	1002.1	+1	E	3	ors-	33	92	4	800	Nb	10	–	10	*
Benson	1003.0	+1	ENE	3	o	37	75	5	–	St.	10	–	10	*
S. Farnborough	1002.6	+2	E	2	ors₀rs₀	36	92	6	800	Nb	10	–	10	*
London (Kew Obsy.)	1003.0	0	ENE	4	zzo	39	65	5	2500	St.	10	–	10	*
Croydon	1003.5	+2	E	3	o	37	75	7	1500	St.Cu	7	A.St	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1004.3	+1	ENE	3	b	38	55	8	5750	St.Cu	2	Ci	3	*
Grain	1004.0	+2	ENE	4	o+	38	65	8	5750	St.Cu	6	Ci.Cu	9	*
Lympne	1002.7	+1	ENE	4	o	39	75	9	1500	Cu	6	A.St	10	*
Scilly (St. Mary's)	997.7	-5	WSW	4	or₀+	46	97	7	4000	St.Cu	10	–	10	*
Falmouth (Pendennis)	999.5	-2	SW	3	or₀r₀	44	85	7	2500	Nb	10	–	10	*
Plymouth (Cattewater)	999.5	-1	SW	3	odd₀	43	85	6	2500	Nb	10	–	10	*
Portland Bill	1000.3	0	E	5	o	43	85	7	450	St.	10	–	10	*
Southampton (Calshot)	1001.7	0	E'S	5	odd₀	39	92	5	1500	Nb	10	–	10	*
Dungeness	1002.9	+1	E	4	c	42	75	8	2500	Cu	3	Ci.St	8	*
Jersey	1001.5	0	SW	3	o	46	85	7	2500	St.Cu	10	–	10	*

Observations at 1800 G.M.T. 31st

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility.§ 0-9	Height of Low Cloud. Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1011.0	0	E	4	bc/s(h)	37	85	7	4000	Cu.Nb	5	–	5	3
Stornoway	1010.2	+1	E	3	bc	39	65	7	–	–	0	A.St	4	2
Wick	1009.8	0	NNE	1	o	38	85	8	1500	St.	4	Ci.St	10	1
Castlebay	1008.8	0	ENE	3	o+	41	65	8	800	St.	10	–	10	3
Nairn	1010.1	0	–	0	c-	36	85	8	1500	St.	4	A.Cu	7	*
Aberdeen	1010.2	+1	SE	1	b	34	75	7	4000	Cu.Nb	2	Ci.St	3	0
Malin Head	1006.7	+1	E	3	bc+	40	92	8	5750	St.Cu	4	A.Cu	6	1
Renfrew	1008.6	+1	ENE	3	o	35	75	6	5750	St.Cu	5	A.St	10	*
Edinburgh (Inchkeith)	1008.1	+1	ENE	4	o⊛	35	75	8	–	Cu.Nb	4	A.St	10	3
Eskdalemuir	1008.0	+1	E	4	ops₀	30	75	8	2500	Nb	9	Ci.St	10	*
Tynemouth	1007.3	+1	E	2	bc	36	65	8	4000	Cu	4	–	4	1
Blacksod Point	1003.7	+2	NE	7	b	42	55	9	–	Cu.Nb	2	–	2	6
Donaghadee	1005.9	+1	SE	5	bc/s(h)	39	97	8	4000	Cu	5	–	5	6
Birr Castle	1001.3	*	E	1	os₀s₀	34	97	7	450	St.	10	–	10	*
Baldonnell	1002.6	+3	E	4	os₀s₀	33	97	6	800	Nb	10	–	10	*
Holyhead	1002.4	+1	E'N	4	o	38	85	7	4000	St.Cu	10	–	10	1
Liverpool (Bidston)	1003.5	+1	E	4	bc+	37	65	4	1500	Cu	6	–	6	4
Chester (Shotwick)	1002.8	+2	SE	4	o+	38	65	8	2500	St.	8	A.Cu	10	*
Spurn Head	1006.0	+1	ENE	3	bc	34	85	8	4000	Cu.Nb	4	–	4	3
Nottingham	1005.0	*	E	3	bc	36	65	7	2500	Nb	1	Ci.Cu	5	*
Cranwell	1008.0	+1	ENE	4	b	35	65	8	4000	Cu	1	A.Cu	2	*
Gorleston	1005.5	+1	ENE	3	b-	36	65	7	4000	Cu.Nb	3	–	3	3
Pulham	1005.4	+1	NE	4	bc	35	75	8	4000	Cu	4	Ci.St	5	*
Felixstowe	1006.5	+1	NE'N	3	b	36	65	9	5750	Cu	1	Ci	3	1
Valencia (Cahirciveen)	999.7	0	NE'E	5	o+	41	75	6	1500	St.Cu	6	A.St	10	4
Roches Point	997.5	0	NNW	3	o	41	97	7	1500	St.Cu	10	–	10	0
Pembroke (St. Ann's Hd.)	998.0	-1	E	5	ors₀rs₀	35	92	6	1500	Nb	10	–	10	4
Ross-on-Wye	1002.1	0	E	3	os+	33	92	4	450	Nb	10	–	10	*
Benson	1003.0	0	E	5	o	36	75	5	–	St.	10	–	10	*
S. Farnborough	1003.1	0	E	2	ors₀rs₀	35	75	6	450	Nb	10	–	10	*
London (Kew Obsy.)	1003.5	+1	E	4	o	38	65	5	–	–	0	A.St	10	*
Croydon	1003.8	+1	E'N	4	o/s(h)	36	65	6	5750	St.	7	Ci.St	10	*
Clacton-on-Sea	1004.4	0	ENE	4	c+	37	65	7	4000	Cu	3	Ci	7	0
Shoeburyness	1004.4	0	ENE	3	c	36	65	8	4000	Cu	1	Ci.St	8	*
Grain	1004.3	+1	ENE	4	c	37	65	9	4000	Cu	1	A.St	8	0
Lympne	1003.7	+1	ENE	5	c	35	65	8	–	–	0	A.St	8	*
Scilly (St. Mary's)	995.8	+1	NW'W	5	opr₀	43	97	7	4000	Cu.Nb	10	–	10	5
Falmouth (Pendennis)	993.6	-8	WSW	5	c-	46	97	7	2500	Nb	8	–	8	1
Plymouth (Cattewater)	995.7	-6	S	3	orr	44	85	6	<150	Nb	10	–	10	1
Portland Bill	1000.3	0	SE	5	or₀r₀	43	85	6	450	St.	10	–	10	4
Southampton (Calshot)	1001.5	0	ESE	6	or₀r₀	39	92	6	800	Nb	10	–	10	6
Dungeness	1003.1	0	E	4	bc	39	75	8	–	–	0	Ci.St	6	4
Jersey	1000.8	0	SE	3	o	46	85	7	1500	St.	10	–	10	3

LONDON OBSERVATIONS — Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 1st. Sunshine, Humidity 15h.: Yesterday. Humidity 9h.: To-day.

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.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew (24 hours ended 0700)	om. f. om	om. s.y.	oq. mo5	*	*	32	–	0.1	0.0	*	*
Croydon (24 hours ended 0700)	om b2	o.c 2.2	oc 2.2	*	*	32	tr	tr	0.8	*	*
Greenwich (Royal Obsy.)	o	o	os₀	40	33	32	–	–	0.8	62	64
City (Bunhill Row)	*	*	*	*	*	*	*	*	0.1	*	*
Westminster (St. James' Pk.)	*	*	*	40	35	?	0.3		0.2	54	54
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	*	0.0	*	*
Camden Sq. (Brit. Rainfall)			*						*		
Kensington Palace	o	o	*	40	34	31	–	0.4	*	65 (18h.)	63
Hampstead Observatory	*	*	*	38	30	29	–	1	0.6	*	44

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington				
Kew Observatory	0.8	1900 30th	0.3	0400 31st
	1.2	0700 31st		

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 31st March 19h. 30m. to 1st April 4h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	9 15	NIL	0
δ Ursae Minoris	9 15	NIL	0

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per 5 sec.	Siren.	Direc.
13h.	–	–	–	–
18h.	–	–	–	–
01h.	–	–	–	–
07h.	–	–	–	–

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

1st & 2nd APRIL 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.30 / 5.28	11.59 / 11.59	6.24 / 6.26
Greenwich	5.38 / 5.36	12.4 / 12.4	6.30 / 6.32
Wick	5.42 / 5.40	12.16 / 12.16	6.50 / 6.52
Valencia	6.19 / 6.17	12.45 / 12.45	7.11 / 7.13

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.

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 light 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

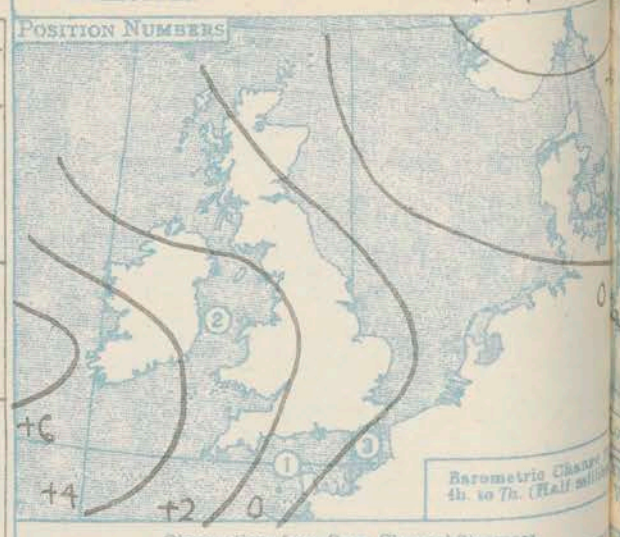
* For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For scale see page 2

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 31st	13h.-18h. 31st	18h.-21h. to 1st 18h.	18h.-7h. 1st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	c	s,r,rs	oo	s(rs)	39	34	*	0.1	0.5	1230	02.30	*
Stornoway	bc	bc	b.bc	c	42	30	*	-	0.6	-	-	8.5
Wick	csf.	oo	ocs.	ofs	39	30	*	0.1	0.2	L0800	<21.00	*
Castlebay	bc	cbcd	o.bc.b	bc	42	35	*	-	-	-	-	8.8
Nairn	cg		c.bcx	bcx.c	40	25	*	-	-	-	-	2.8
Aberdeen	ops.c	cbcb	bc.b	b.os.p	41	26	22	0.1	trace	L0800	06.30	5.2
Malin Head	c	bcrbc	om	b.bc	40	36	*	-	-	-	-	8.8
Renfrew	os.m	oszo	cz bc		40	23	16	0.2	trace	1100	-	3.7
Edinburgh: Inchkeith	ls	ls	p	b.bc	38	30	26	1	trace	1730	01.30	2.5
Eskdalemuir	boisjh	p		b.bc	37	21	16	trace	-	1100	-	6.4
Tynemouth	c	bcrbc	p.s	obh.	45	33	27	-	0.3	-	<21.00	*
Blacksod Point ...	bcrbc	bcrbc					*	-		-		*
Donaghadee	cqps	cqs	bcq	bcq	40	33	*	0.6	-	L0800	-	*
Birr Castle	cor.	csoso	os.7.	bc	39	30	25	1	0.3	1730	<21.00	0.0
Baldonnell	odssm	oss.s.	os.s.	o.b.o	39	32	30	7	1	L0800	<21.00	0.0
Holyhead	orhssm	so	o.c.b	b	38	33	32	5	-	L0800	-	0.1
Liverpool (Bidston) ...	Sorrs	bcrbc	b		40	27	20	3	-	L0800	-	2.3
Chester (Shotwick) ...	osm psc	ocbco	o.c.b.bm	b.bm	41	28	24	0.5	-	L0800	-	*
Spurn Head	b.orbc	b.orbc	b.bc	b.bc	42	32	*	-	-	-	-	9.8
Nottingham	c	c	b	b.bc	43	27	26	-	-	-	-	2.6
Cranwell	c	cbcd	bx.bx	b.bcx	41	26	20	-	-	-	-	10.3
Gorleston	borbc	bcps	b.bx	bcpsx	41	34	29	trace	trace	1430	04.30	*
Pulham	b.bc	orbc	bc.c	c.o	41	25	15	-	-	-		10.3
Felixstowe	b.bc	bcv						-		-		
Valencia (Cahirciveen)	ozc	cyboz	o.c.ox	o.bc.bx	46	31	30	-	-	-	-	2.7
Roches Point	c	og	bc.or	ro	47	32	*	-	4	-	22.00	*
Pembroke (St. Ann's H.)	rord	orrss	oss	oss	40	30	*	3	2	L0800	<21.00	0.0
Ross-on-Wye	ssors	rsrsgss	ss	sso	34	29	29	6	8	L0800	<21.00	0.0
Benson	o	o	o	o	39	31	31	0.1	0.3	-	<21.00	*
S. Farnborough ...	orsm	oorsr	snw	ms	38	30	30	1	4	L0800	<21.00	0.0
London (New Obsy.) ...	omofom	omoz	o.og o	omfs om	40	34	32	-	0.1	-	04.30	0.0
Croydon	omz	ocs.s.	os.s.s.	pxs.s.mo	39	33	32	trace	trace	1330	24.00	0.8
Clacton-on-Sea ...	bc	c	c	c	40	36	31	-	-	-	-	9.6
Shoeburyness	borbc	c	bc	c	40	34	30	-	-	-	-	7.2
Grain	c	c	co	c.og	40	36	32	-	-	-	-	3.9
Lympne	ois.rs	ocv	oo	oo	39	34	30	2	-	0900	-	1.9
Scilly (St. Mary's) ...	rord	p	o.c	c.o	50	38	*	2	0.3	1100	04.30	0.8
Falmouth (Pendennis)	omr	cmro	cmqom	o	47	41	*	5	-	L0800	-	0.0
Plymouth (Cattewater)	rord	rordm	orr	r.d	46	37	36	8	5	0900	<21.00	0.0
Portland Bill	oo	or	or	o	44	35	*	2	13	1530	<21.00	*
Southampton (Calshot)	odd.	r.r.	rrs.s.	s.s.	40	34	33	1	1	L0800	<21.00	0.0
Dungeness	c	b.bcv	c	c	43	36	*	0.3	-	L0800	-	*
Jersey	oco	oco	orr	orr	48	41	*	-	14	-	<21.00	2.7

ISALLOBARS 1st April



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	31st 1000	HIBERNIA	E	2	CV	41	45
3	1st 0300	BRIGHTON	E	5	TSTS	39	46

GENERAL INFERENCE.

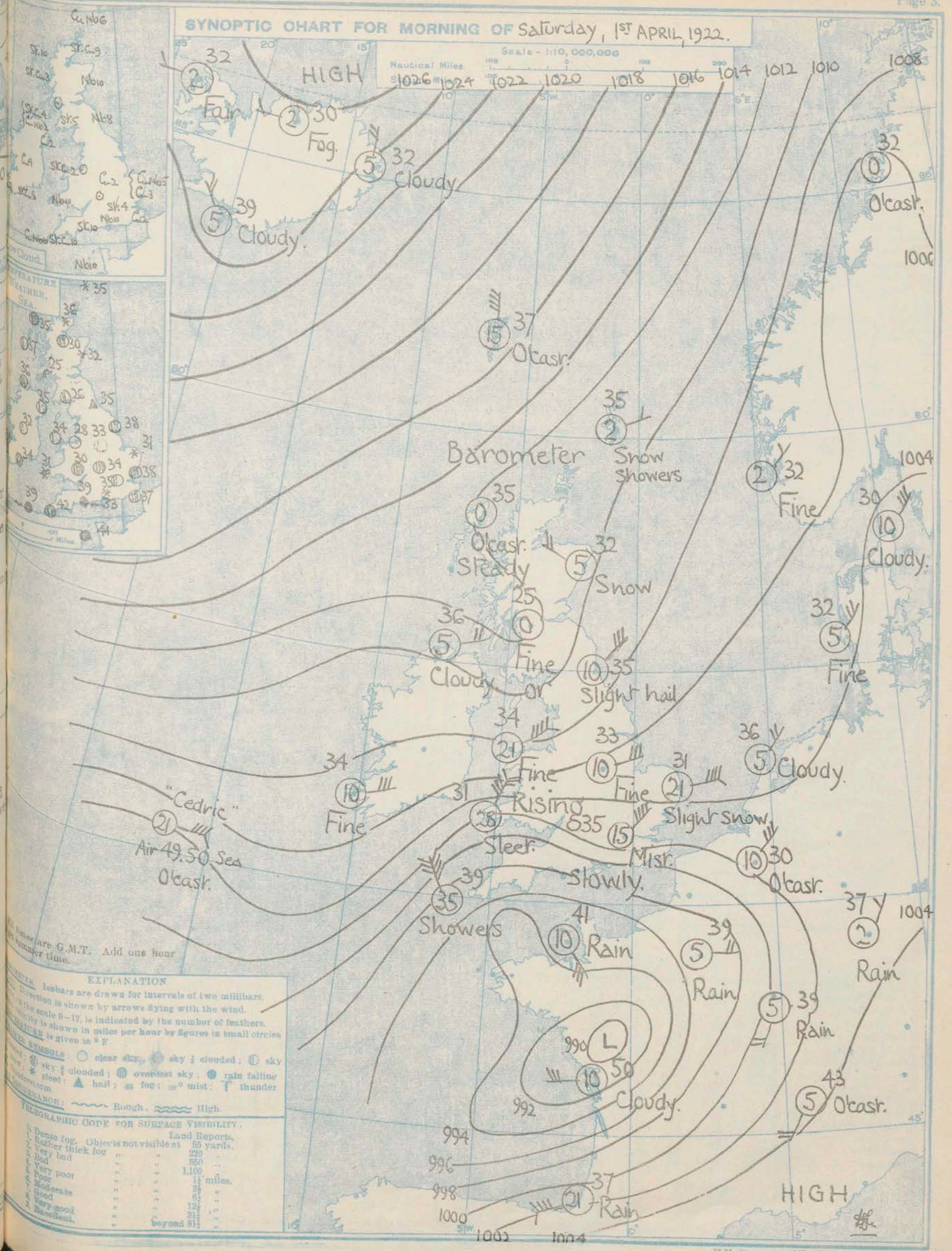
The depression centred over the Western Channel will probably move South-eastward over France. Winds will remain generally between North and East with a low temperature and snow in places.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 1st April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind mainly NE., moderate or fresh, stronger in places; cloudy, local snow or sleet; visibility moderate to good; cold.	Continuing cold with winds between N. and E. and local snow.
5. S.W. England	Wind NE. to N, fresh or strong; raining at first, snow or sleet showers later; visibility mainly good; cold.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind NE. to E., fresh, stronger in places; variable sky, local snow or sleet, brighter periods; visibility moderate to good; cold.	
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	Light N. to NE. winds; variable sky, local snow, brighter periods; visibility mainly good; cold.	North cone hoisted 09.30 GMT, today.
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind NE, moderate; mainly fair, but local cold showers; visibility mainly good; cold.	

F.G.d.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.35 GMT. G. C. SIMPSON, F.R.S., Director.

See Code on opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. SATURDAY 1st APRIL 1922. No. 91

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	1012·0	0	E	1	0	34	85	Y	-	-	0	A St	10	*
Stornoway	1012·9	+2	-	0	5	*	*	6	*	*	*	*	*	*
Wick	1011·5	+1	NW	2	o/s	32	94	8	1500	St	9	-	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1009·4	+1	ESE	3	c-	34	94	Y	5/50	St Cu	Y	-	Y	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1010·5	+1	SE	2	b/s	32	92	9	*	Cu Nb	1	-	1	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1008·4	+2	SSE	2	bc+	36	85	Y	-	-	0	A St	4	*
Blacksod Point ...														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1004·9	+2	E'N	4	o5	34	95	Y	800	St	10	-	10	*
Holyhead	1004·9	+2	E	6	8	*	*	8	-	-	0	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1007·0	+1	ENE	4	bc	35	85	Y	4000	Cu Nb	5	-	5	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1007·2	0	NE'E	3	b+	27	95	6	2500	St Cu	2	-	2	*
Gorleston	1005·8	0	E	5	b	35	65	Y	5/50	Cu	1	-	1	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1003·5	+3	S	7	bc+	58	95	4	*	St	6	-	6	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anu's H.)	998·7	0	ENE	6	o/s r5	33	94	5	1500	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1003·7	-1	E'N	4	o5 s5	35	95	8	2500	St Cu	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1002·9	-1	ENE	4	0	35	92	8	1500	St	10	-	10	*
Scilly (St. Mary's) ...	996·8	0	NW	5	b-	43	85	8	4000	St Cu	3	-	3	*
Falmouth (Pendennis)	994·4	0	W	2	o/r	46	92	Y	2500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	996·6	-3	ESE	6	o/r	39	85	6	450	St	10	-	10	*
Southampton (Calshot)	1000·0	-2	E	4	o5 s5	45	94	6	1500	Nb	10	-	10	*
Dungeness	1002·4	-2	E	5	bc-	36	94	8	5/50	Cu	4	-	4	*
Jersey 7a} Guernsey 1h} ...	996·6	-4	SSW	3	3	41	85	Y	4000	St	3	-	3	*

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	1011·1	0	ENE	1	o/s	35	94	6	4000	Cu Nb	6	A Cu	8	*
Stornoway	1011·9	+1	-	0	0+	35	92	6	800	St	10	-	10	*
Wick	1010·1	-1	NW	1	o/s	36	92	8	1200	St Cu	9	-	9	*
Castlebay	1012·1	+1	N	1	bc	34	95	8	1500	St Cu	3	A St	4	*
Nairn	1011·1	*	-	0	c+	30	65	8	1500	St	4	-	4	*
Aberdeen	1010·5	-1	WNW	2	o5	32	92	6	2500	Nb	10	-	10	*
Malin Head	1010·5	+1	E	2	bc	36	94	8	4000	St Cu	6	-	6	*
Renfrew	1012·0	+1	-	0	b	25	94	4	-	-	0	A St	3	*
Edinburgh (Inchkeith)	1011·6	+1	N	3	b	32	92	8	*	St Cu	3	-	3	*
Eskdalemuir	1010·4	+2	NNE	2	bc+	26	85	8	1200	St	5	-	5	*
Tynemouth	1008·8	0	NE	3	ch.(r)	35	95	4	4000	St Nb	8	-	8	*
Blacksod Point ...	1010·3	+1	ESE	4	b+	35	94	8	4000	Cu	2	-	2	*
Donaghadee	1007·4	*	NE	2	bc-	32	92	4	4000	Cu	4	-	4	*
Birr Castle	1007·4	+3	ENE	4	0	35	92	4	2500	St Cu	9	-	9	*
Baldonnell	1007·4	+3	E'N	5	3	34	95	8	2500	St Cu	2	-	2	*
Holyhead	1007·3	+2	ENE	2	b	28	85	3	-	-	0	-	0	*
Liverpool (Bidston) ...	1006·2	+2	NE	3	b	31	65	4	-	-	0	-	0	*
Chester (Sholwick) ...														*
Spurn Head	1006·4	0	E	5	bc	38	95	8	4000	Cu Nb	5	-	5	*
Nottingham	1005·3	*	ENE	3	b+	33	95	6	4000	Cu	2	-	2	*
Cranwell	1006·8	-1	NE	3	b	30	85	8	4000	St Cu	2	-	2	*
Gorleston	1005·6	0	E'N	5	bc s.	31	65	7	5/50	Cu	3	-	3	*
Pulham	1005·4	0	NNE	3	o/p	32	92	6	4000	Cu Nb	6	A Cu	9	*
Felixstowe														*
Valencia (Cahirciveen)	1004·9	+6	ENE	3	b+	34	95	7	2500	Cu	2	-	2	*
Roches Point	1006·4	+4	NNE	2	c-	34	92	8	2500	St Cu	8	-	8	*
Pembroke (St. Anu's H.)	1001·7	+3	NE	6	o r s r s	31	94	2	1500	Nb	10	-	10	*
Ross-on-Wye	1003·8	+2	ENE	4	o/s	30	95	7	2500	St	10	-	10	*
Benson...	1002·3	+1	NE	4	o/s	34	85	8	-	-	0	A St	10	*
S. Farnborough ...	1001·6	0	E'N	2	o5	33	65	8	800	Nb	10	-	10	*
London (Kew Obsy.)...	1002·2	-1	NE	4	mu be	25	85	4	4000	St	4	A St	10	*
Croydon	1001·1	0	E'N	5	o/s	35	95	6	2500	St	10	-	10	*
Clacton-on-Sea ...	1003·2	-1	E	5	c	38	95	7	4000	Cu	6	A St	5	*
Shoeburyness	1002·1	-1	ENE	5	bc+	38	65	8	2500	Cu	2	A Cu	10	*
Grain	1002·8	-1	ENE	6	0	38	95	8	2500	St Cu	7	Cu	10	*
Lympne	1001·5	0	ENE	6	0	35	85	8	1500	St	6	A Cu	10	*
Scilly (St. Mary's) ...	997·6	+1	NNW	7	pr.	39	94	8	4000	Cu Nb	10	-	10	*
Falmouth (Pendennis)	995·4	+4	W	2	0	42	95	8	4000	St Cu	10	-	10	*
Plymouth (Cattewater)	996·2	+3	NE	5	or	37	85	8	1500	Nb	10	-	10	*
Portland Bill	994·5	+2	ENE	8	o R R	39	85	6	450	St	10	-	10	*
Southampton (Calshot)	997·8	+1	E	6	o5 s.	35	85	6	1500	Nb	10	-	10	*
Dungeness	1000·7	-1	E	5	c+	37	95	8	2500	Cu	3	A St	4	*
Jersey 7a} Guernsey 1h} ...	994·6	0	SE	3	orr	41	94	7	1500	Nb	10	-	10	*

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 30th	Temperature. Max. Day 31st	Rainfall.† Night 15h.-9h. 30th 31st	Rainfall.† Day 9h.-15h. 30th 31st	Sunshine. Sunrise to 1500 31st	Sunshine. Sunrise to Sunset 31st
			°F.	°F.	mm.	mm.	hr.	
Banff	bcc	c	27	39	2	-	6·6	1·3
Montrose	os	bc	23	37	1	3	3·6	1·2
Llandudno	s	o	32	38	5	5	0·0	0·0
Colwyn Bay ...	os	sc	32	37	3	6	0·0	0·0
Rhyl...	s	cbcc	32	41	3	-	0·6	0·0
Southport	soc	cbcb	30	41	3	-	3·2	0·0
Blackpool	sobcb	b	32	40	5	-	6·8	0·1
Harrogate	cbc	bcc	26	39	2	-	6·8	0·0
Skegness	b	b	31	39	-	-	10·0	11·3
Aberystwyth ...	roc	oro	35	40	1	1	0·0	6·7
Bath	rs	rs	33	35	4	11	0·0	3·4
Leamington Spa ...	obo	obo	30	44	3	-	2·9	0·5
Lowestoft	bc	bcops	31	39	1	0·3	9·2	4·5
Felixstowe	bc	bc	29	40	-	-	10·0	4·9
Southend	bc	bcr	35	41	3	-	5·5	1·2

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 30th	Temperature. Max. Day 31st	Rainfall.† Night 15h.-9h. 30th 31st	Rainfall.† Day 9h.-15h. 30th 31st	Sunshine. Sunrise to 1500 31st	Sunshine. Sunrise to Sunset 31st
			°F.	°F.	mm.	mm.	hr.	
Paignton	of or	or	35	46	-	2	0·0	2·1
Ilfracombe	or	or	36	41	2	12	0·0	7·0
Bude	r	r	38	47	1	5	0·0	3·0
Penzance	or	orc	39	48	2	1	0·5	7·2
Falmouth Observatory	r or	or	39	47	1	5	0·1	4·0
Torquay ...	r	r	38	46	-	4	0·0	2·3
Weymouth	o	or	37	46	-	3	0·0	4·4
Bournemouth ...	oor	r	36	40	-	6	0·0	1·4
Portsmouth (Southsea)	od	od	34	40	1	2	0·0	0·0
Worthing	o	do	34	41	1	0·3	0·0	0·0
Brighton	d	o	34	41	1	0·3	11·0	0·3
Eastbourne	ro	o	34	42	2	0·2	0·1	1·1
Hastings	soroso	ocbcc	33	41	5	0·3	1·5	4·1
Folkestone	oe. o	bcb	36	45	-	-	2·6	0·1
Tunbridge Wells ...	o	o	32	39	5	-	0·0	4·1
Ramsgate	bc	bc	?	?	?	?	4·0	2·7
Margate	cbc	cobc	33	40	4	-	4·0	4·1
Deal	cdbc	bcb	32	42	5	Trace	5·5	

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22,046 SUNDAY 2nd APRIL 1922.

Observations at 1300 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)	Upper Form.	Total Amt. (0-10)	Sea (0-9)
Lerwick	1010·2	-1	NE	3	c/s(h)	39	92	7	4000	Cu	8	-	8	*
Stornoway	1012·3	0	N	3	cph	41	85	6	450	St	10	-	10	*
Wick	1009·6	0	NW	3	o	41	97	8	1500	CuNb	9	-	9	*
Castlebay	1013·1	0	NW	3	o+	41	75	7	1500	St	9	-	9	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1010·1	0	NW'N	4	c/s(h)	39	85	8	4000	StCu	8	-	8	*
Malin Head	1012·4	+2	NE	2	bc-	39	92	8	4000	Cu	4	-	4	*
Renfrew	1011·6	-2	W	3	c+	44	55	8	2500	StCu	7	-	7	*
Edinburgh (Inchkeith)	1010·6	0	NNW	2	o+	40	65	8	-	Cu	1	ASt	10	*
Eskdalemuir	1010·6	0	NNW	1	c	39	55	8	2500	StCu	8	-	8	*
Tynemouth	1009·7	0	NNE	2	bc/s(h)	40	85	8	4000	CuNb	4	-	4	*
Blacksod Point	1012·2	+1	NE	4	b	42	65	9	2500	Cu	2	-	2	*
Donaghadee	1012·3	+1	NNE	2	bc-	41	92	8	4000	Cu	3	ACu	5	*
Birr Castle	1010·7	*	NE	2	c+	42	75	8	4000	CuNb	7	-	7	*
Baldonnell	1011·6	+3	NE'E	4	c-	38	75	8	2500	Cu	8	-	8	*
Holyhead	1010·5	+3	NE'E	5	b	39	65	7	2500	Cu	1	-	1	*
Liverpool (Bidston)	1004·7	+2	ENE	2	o+	38	92	6	2500	CuNb	6	CiCu	9	*
Chester (Shotwick)	1008·7	+2	E	3	c-	39	65	5	4000	StCu	7	-	7	*
Spurn Head	1007·2	+1	NE	4	bc	40	85	8	4000	CuNb	5	-	5	*
Nottingham	1008·3	*	ENE	3	bc+	42	65	9	2500	CuNb	6	-	6	*
Cranwell	1008·7	+2	NE'E	3	o	38	65	8	2500	StCu	9	-	9	*
Gorleston	1006·0	0	ENE	4	bc/s(h)	40	65	7	4000	Cu	6	-	6	*
Pulham	1006·1	+1	NNE	4	c	40	65	8	4000	StCu	8	-	8	*
Felixstowe														*
Valencia (Cahirciveen)	1010·3	+2	ENE	4	c+	41	55	9	4000	Cu	3	ACu	7	*
Roches Point	1010·2	+5	E	3	c	43	75	8	4000	StCu	5	CiSt	7	*
Pembroke (St. Ann's H.)	1008·1	+4	NE	4	c-	42	97	8	4000	Cu	7	-	7	*
Ross-on-Wye	1007·1	+4	E	4	c+	41	55	8	4000	StCu	6	Ci	7	*
Benson	1006·1	+3	ENE	3	b-	42	85	7	-	StCu	3	-	3	*
S. Farnborough	1005·3	+5	ENE	3	o/s(h)	39	75	7	4000	StCu	10	-	10	*
London (Kew Obsy.)	1004·0	+4	NE	4	bc/f	40	65	5	4000	Cu	5	-	5	*
Croydon	1005·9	+4	NE	5	o/s(h)	39	75	6	2500	StCu	9	Ci	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1005·9	+3	NE	6	bc	40	75	8	2500	Cu	3	Ci	4	*
Grain	1006·6	+5	NE	5	c	41	75	8	2500	Cu	4	CiSt	7	*
Lympne	1004·1	+4	E'N	7	c-	40	65	9	2500	Cu	5	CiSt	7	*
Scilly (St. Mary's)	1004·7	+8	NE'E	4	o	42	85	8	4000	StCu	10	-	10	*
Falmouth (Pendennis)	1004·[illegible]	+6	NE	7	mo-	34	85	7	4000	StCu	10	-	10	*
Plymouth (Cattewater)	1005·2	+9	ENE	5	oss	36	85	6	800	Nb	10	-	10	*
Portland Bill	1003·5	+4	NE	8	bc/r	41	85	7	4000	StCu	6	-	6	*
Southampton (Calshot)	1004·[illegible]	+5	ENE	3	c-	43	75	8	4000	Cu	5	CiCu	8	*
Dungeness	1003·3	+5	E	6	o+	41	75	8	4000	Cu	10	-	10	*
Jersey	1000·[illegible]	+3	NE	3	o/r	43	85	7	2500	StCu	10	-	10	*

Observations at 1800 G.M.T. 1st

Stations	Barom. at M.S.L. (m.b.)	Change in 3 Hours.‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. °F.	Humidity %	Visibility.§ (0-9)	Height of Low Cloud (Feet)	Cloud Low Form.	Cloud Low Amt. (0-10)	Upper Form.	Total Amt. (0-10)	Sea (0-9)
Lerwick	1009·5	-1	NE	3	c/p/s	38	97	7	4000	CuNb	7	-	7	2
Stornoway	1012·3	0	N	2	cph	42	85	6	4000	Nb	8	-	8	1
Wick	1009·7	0	NW	3	o/p	39	97	8	2500	CuNb	6	CiCu	9	0
Castlebay	1013·0	0	NNW	4	bc/p	41	85	7	1500	Nb	6	-	6	3
Nairn	1010·2	*	-	0	c/r	38	85	8	4000	Cu	4	ACu	7	*
Aberdeen	1009·8	0	NW'N	3	b-	38	85	8	4000	CuNb	1	CiCu	2	0
Malin Head	1012·4	0	N	1	c+	40	92	8	4000	Cu	7	-	7	0
Renfrew	1011·4	0	WSW	2	o-	42	65	7	2500	StCu	7	ASt	9	*
Edinburgh (Inchkeith)	1010·6	0	NW	2	o	40	75	8	-	StCu	9	-	9	2
Eskdalemuir	1011·1	+1	NNW	2	c	37	65	7	-	-	0	ACu	8	*
Tynemouth	1009·8	0	N	2	c	39	75	8	4000	CuNb	8	-	8	1
Blacksod Point	1012·8	-1	NE	3	b	42	55	9	-	Cu	3	-	3	3
Donaghadee	1012·6	0	NNE	1	b	40	97	8	4000	Cu	1	ACu	3	1
Birr Castle	1011·8	*	NE	2	bc-	41	85	8	4000	CuNb	5	-	5	*
Baldonnell	1013·2	+3	ENE	3	bc+	37	75	8	1500	St	6	-	6	*
Holyhead	1012·1	+2	NE	3	b-	39	75	7	2500	CuNb	2	-	2	1
Liverpool (Bidston)	1011·5	+2	N'E	1	bc	38	75	6	-	-	0	CiCu	4	1
Chester (Shotwick)	1010·6	+2	N	3	c+	39	75	5	2500	St	2	ACu	10	*
Spurn Head	1010·1	+3	N	4	bc	38	85	8	4000	CuNb	3	ACu	4	3
Nottingham	1010·8	*	E	1	o-	39	75	6	2500	StCu	6	ACu	9	*
Cranwell	1010·0	+1	NNW	3	o	38	75	8	4000	StCu	9	-	9	*
Gorleston	1009·4	+2	NE'E	3	c+	37	75	8	4000	CuNb	7	-	7	0
Pulham	1009·8	+4	N	2	c	37	65	9	4000	StCu	7	-	7	*
Felixstowe														
Valencia (Cahirciveen)	1010·7	+1	ESE	2	c+	42	55	8	5750	StCu	7	ACu	8	0
Roches Point	1011·5	+1	E	2	c	40	75	8	1500	StCu	3	Ci	8	3
Pembroke (St. Ann's H.)	1010·9	+3	NE	2	b	36	85	8	4000	Cu	2	-	2	4
Ross-on-Wye	1010·4	+4	E'N	1	bc	39	65	8	4000	StCu	6	-	6	*
Benson	1009·5	+5	NE	3	bc	40	55	8	-	StCu	6	-	6	*
S. Farnborough	1009·7	+5		0	mmo	39	75	5	4000	StCu	10	-	10	*
London (Kew Obsy.)	1009·9	+7	NE	2	o	41	65	5	4000	StCu	9	-	9	*
Croydon	1009·8	+6	NE'N	3	o+	39	65	6	5750	StCu	9	-	9	*
Clacton-on-Sea	1009·3	+5	NNE	3	c	39	65	8	2500	Cu	7	-	7	2
Shoeburyness	1009·9	+5	ENE	3	c+	39	65	8	4000	StCu	8	-	8	*
Grain	1010·2	+5	NE	4	c+	39	75	8	4000	StCu	6	Ci	7	3
Lympne	1008·8	+4	NE	6	cs₀	38	65	8	1500	CuNb	5	CiSt	7	*
Scilly (St. Mary's)	1008·8	+5	E	4	o	40	92	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1009·[illegible]	+4	ENE	4	o	39	85	7	4000	StCu	10	-	10	1
Plymouth (Cattewater)	1009·1	+3	NE	3	o/s(h)	39	75	6	1500	Nb	10	-	10	0
Portland Bill	1008·3	+4	ENE	5	o+	41	75	7	-	-	0	ASt	10	6
Southampton (Calshot)	1009·5	+6	NE'E	3	c	41	85	6	4000	StCu	4	ACu	7	0
Dungeness	1008·3	+6	E	5	c	40	75	8	4000	Cu	7	-	7	5
Jersey	1006·6	+4	NE	3	o	43	75	7	2500	StCu	10	-	10	3

London Observations — 24 Hours ended 0900 G.M.T. 2nd

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 / Croydon (24 hours ended 0700)	oqbe / m₂z	bczope / cmicz	czbmx / obzbez	* / *	* / *	14 / 21	- / Tr	- / -	3·2 / *	* / *	* / *
Greenwich (Royal Obsy.)	o is	o is	o b	43	25	15	-	-	4·3	66	49
City (Bunhill Row)	*	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	*	*	*								
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	*	0·6	*	-
Camden Sq. (Brit. Rainfall)	m.x	c	*	44	26	25	-	-	*	*	85
Kensington Palace	oc	co	*	43	27	19	-	-	*	63 (18h.)	56
Hampstead Observatory	*	*	*			*				*	

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.

Kew Observatory			
Max.	Time.	Min.	Time.

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.	Record %
Polaris			
δ Ursae Minoris			

Radio Disturbances (Atmospherics) at Croydon.¹

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 2nd & 3rd April, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·28 / 5·26	11·57 / 11·57	6·26 / 6·28
Greenwich	5·36 / 5·34	12·4 / 12·4	6·32 / 6·34
Wick	5·40 / 5·38	12·16 / 12·16	6·52 / 6·54
Valencia	6·14 / 6·12	12·45 / 12·45	7·15 / 7·15

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, 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.

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.

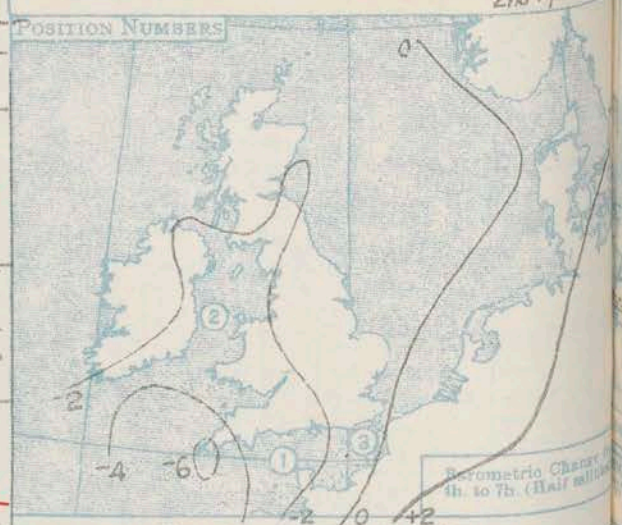
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 1st	13h.-18h. 1st	18h.-1h. to 2nd	1h.-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	3or S	3or S	borbc	c	41	35	•	2	0·3	<0800	<2400	•
Stornoway	p	p					•	1		<0800		
Wick	oo	oirng	op₀	bcp₀	43	33	•	0·5	0·6	1330	1700	•
Castlebay	bco	ocobc			41	37	•	trace	0·7	-		1·5
Nairn	1Rcg		cgid	id₀c	42	33	•	1	0·4	1230	1·30	1·9
Aberdeen	p₀sbc	bcjp₀	bc.b	bprs₀	42	34	30	0·3	0·4	<0800	2400	3·3
Malin Head	bnbc	osbc	borbc	borbc	41	32	•	-	-	-	-	9·5
Renfrew	bzbcvc	cvo	bx	bxc	45	42	17	-	trace	-	-	6·0
Edinburgh (Inchkeith)	c	co	borbc	cr	41	35	33	-	-	-	-	5·4
Eskdalemuir	c	c	c		40	24	22	-	-	-	-	4·6
Tynemouth	ph₀	c	cim	ooim	41	32	27	trace	-	<0800	-	•
Blacksod Point	bnbc	borbc					•	-		-		•
Donaghadee	bc	bc	bc	bc	45	31	•	-	-	-	-	•
Birr Castle	bc.co	cbes₀	bx	cx3	42	26	20	trace	-	1330	-	8·9
Baldonnell	os₀s₀	c.b.bc	borbx	b.ox	41	23	17	trace	-	1100	-	7·2
Holyhead	b	bcb	bcbbx	bobc	40	32	28	-	-	-	-	10·4
Liverpool (Bidston)	bc.co	bcm	bc.o		41	28	27	-	-	-	-	3·4
Chester (Shotwick)	boc	com	bcc.o		41	28	21	-	-	-	-	•
Spurn Head	bnbc	borbc	borbc	borbc	43	34	•	-	-	-	-	5·2
Nottingham	c	cps₀	cob	bbcnx	43	27	26	trace	6	1230	1·30	6·2
Cranwell	oo	c	cbcb	borbcx	42	28	20	-	-	-	-	4·9
Gorleston	bcps	cips₀	boroc	bbcx	41	29	27	trace	-	<0800	-	?
Pulham	c	c	cbcb	b	43	25	18	-	-	-	-	4·6
Felixstowe												
Valencia (Cahirciveen)	bzbcy	cy	bc.c	co3	44	38	34	-	-	-	-	6·8
Roches Point	c	c	c.o	om	44	37	•	-	-	-	-	•
Pembroke (St. Ann's H.)	c	bnbc	borbc	c	?+	33	•	2	-	<0800	-	3·8
Ross-on-Wye	ocb.bc	copbc	co.c	obcx	42	25	17	•	-	-	-	5·4
Benson	o.oc	bc	bc	bx	44	21	14	0·2	-	-	-	•
S. Farnborough	oismon	ocom	xbcmm	bcmm	43	21	15	1	trace	<0800	-	2·0
London (New Obsy.)	omobcz	bcrogpx	cbb	bbmx	42	26	19	-	-	-	-	3·2
Croydon	os,z	obcz	obb	[illegible]	42	26	21	trace	-	<0800	-	4·2
Cleeton-on-Sea	cbce		cbcb	bbcx	42	28	20	-	-	-	-	7·1
Shoeburyness	bnbc	c	bmcbc	form	44	22	11	•	-	•	-	8·3
Grain	c	cobc.c	cbcpb	bbx	42	23	12	-	-	-	-	8·2
Lympne	c	c	borbc	borbc	41	28	17	trace	-	1730	-	7·5
Scilly (St. Mary's)	oo	oo	o.o	rord	44	39	•	0·5	0·1	<0800	-	0·0
Falmouth (Pendennis)	om	omw	om	om	41	38	•	trace	-	0900	-	0·0
Plymouth (Cattewater)	orss2m	irs						1		<0800		
Portland Bill	orc	co	o.o	o.o	43	35	•	1	-	<0800	-	•
Southampton (Calshot)	os₀c	c	c	borbc	45	35	33	-	-	-	-	2·4
Dungeness	c	c	bx	c.x	43	27	•	-	-	-	-	•
Jersey	or₀r₀c	oco	o	o	44	39	•	4	-	0900	-	0·1

b.bc lm 1/3 X

ISALLOBARS.

2nd April



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1st 10h	Hibernia	ENE	6	bcv	38	45
1.	1st 12h.	Reindeer	E	6	rhrh	41	49
3.	2nd 2h.	Orcindal	NE	2	bcv	39	50
2	2nd 10h	Hibernia	ESE	3	c	39	44

GENERAL INFERENCE.

The depression off the Nor[illegible] the Channel will probably move [illegible] an Easterly to South-Easterly direction causing strong to hig[illegible] Easterly winds and much sleet o[illegible] snow over Southern Ireland and [illegible] except the extreme eastern portions of Southern England. Elsewhere the wind will be comparatively light with occasi[illegible]al snow showers only.

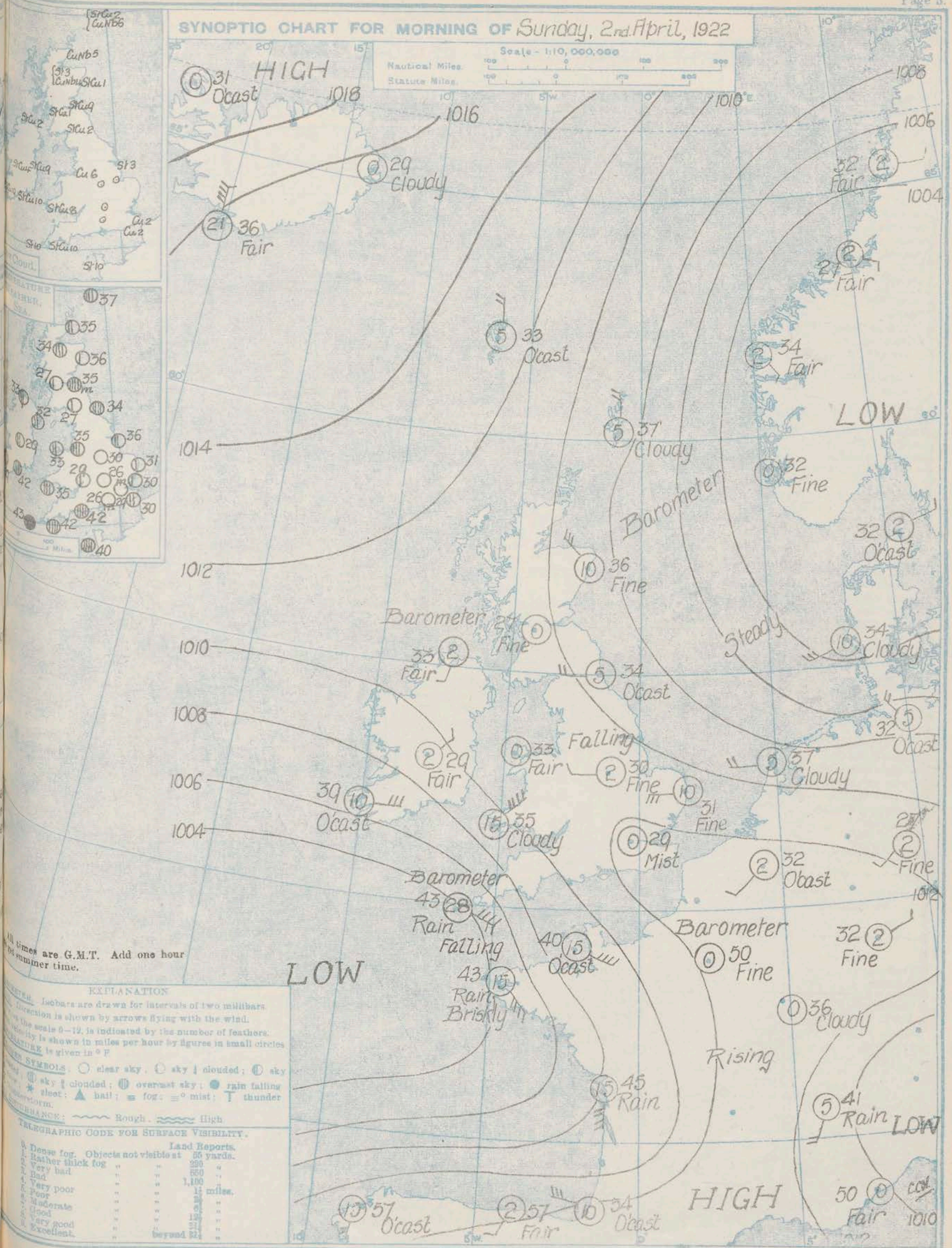
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 2nd April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Easterly wind, freshening; fair at first, sleet or snow later; visibility moderate; continuing cold.	Cold and rather unsettled weath[illegible] will continue, [illegible] winds from betw[illegible] North and East.
4. W. Midlands ▲5. S.W. England ▲6. South Wales	Strong to high E to NE winds; much cloud, with sleet or snow; visibility poor to moderate; continuing cold.	▲ North Cone Hoisted at 10 a.m. 2/4/22 in Districts 5, 6, 9
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate winds from between North and East; cloudy, some snow showers; visibility moderate to good; continuing cold.	
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	Light to moderate NE to N winds; mainly cloudy, some snow showers; visibility moderate to good; continuing cold.	
▲19. S.E. Ireland ▲20. S.W. Ireland	Same as 4 - 6	

S.V.N.

All times are [illegible] summer ti[illegible]

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at [illegible]30 GMT. G. C. SIMPSON, F.R.S., Dire[illegible]

† 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 2nd April 1922. No. 92

Observations at 0100 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	1006.7	-2	N	2	b-	35	97	7	-	-	-	-	0	*
Stornoway														*
Wick	1009.0	0	NW	2	b/r	34	97	8	2500	CuNb	2	-	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1013.3	0	S	1	b-	38	97	7	-	-	-	ACu	2	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1011.0	0	WNW	2	b-	37	85	8	-	St.Cu	2	-	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1010.7	0	W	2	c	36	85	6	-	-	-	ASt	8	*
Blacksod Point														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1013.7	0	-	0	b	25	97	8	-	-	-	-	0	*
Holyhead	1012.8	0	-	0	b	[illegible]	[illegible]	8	-	-	-	-	0	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1010.7	0	WNW	4	b	35	92	5	-	-	-	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1012.6	+1	W	3	c	32	92	7	2500	St.Cu	7	-	7	*
Gorleston	1011.5	+1	W	2	b-	32	75	7	-	-	-	-	0	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1009.1	-1	NE	3	bc	39	65	5	-	-	-	ACu	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1012.7	0	NE	3	b	33	75	8	-	-	-	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	30	*	*	*	*	*	*	*	*
Croydon	1012.9	+1	-	0	b	30	85	6	-	-	-	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1012.5	+4	NE	4	b	30	85	8	4000	ACu	2	-	2	*
Scilly (St. Mary's)	1006.7	-2	ESE	5	bc	43	85	7	4000	Cu	5	-	5	*
Falmouth (Pendennis)	1010.1	0	NE	6	o	39	85	7	4000	St.Cu	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1011.4	0	NE	4	o	39	85	7	-	-	-	ASt	10	*
Southampton (Calshot)	1012.8	+2	E/N	3	b-	38	75	8	-	-	-	-	0	*
Dungeness	1012.2	+2	N	1	b	39	91	8	-	-	-	-	0	*
Jersey 7h / Guernsey 1h	1011.1	+2	ENE	5	b/f	40	65	8	-	-	-	-	0	*

Observations at 0700 G.M.T. 2nd

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1008.3	0	N	2	c+	37	85	7	4000	CuNb	8	-	8
Stornoway													
Wick	1008.7	-1	NW	3	bc/p	35	97	8	2500	CuNb	5	-	5
Castlebay	1010.7	-1	NNW	2	c	39	85	7	2500	Cu	2	StCu	4
Nairn	1009.6	*	—	0	c/r	34	97	8	1500	CuNb	7	-	7
Aberdeen	1008.4	-2	NW	3	b-	36	85	8	5750	StCu	1	-	1
Malin Head	1011.0	-2	SSW	1	bc+	33	97	8	5750	StCu	2	ACu	5
Renfrew	1010.5	-1	—	0	b	27	97	7	5750	StCu	1	-	1
Edinburgh (Inchkeith)	1009.6	-1	W	3	mo+	35	85	6	-	StCu	9	-	9
Eskdalemuir	1011.0	-2	—	0	b-	27	85	8	4000	StCu	2	-	2
Tynemouth	1009.8	0	W	2	o	34	85	6	-	-	-	ASt	10
Blacksod Point	1012.0	-1	WNW	1	bc-	37	97	8	-	-	-	ACu	4
Donaghadee	1009.7	*	NE	1	bc+	39	97	6	4000	StCu	4	Ci.Cu	6
Birr Castle	1011.1	-2	-	0	o+	30	97	7	2500	StCu	9	-	9
Baldonnell	1010.9	-3	-	0	bc	33	75	7	-	-	-	ACu	4
Holyhead	1010.6	-2	WSW	1	c+	35	75	8	2500	Cu	6	CiCu	8
Liverpool (Bidston)	1011.0	-1	SE	2	o+	31	85	6	4000	StCu	10	-	10
Chester (Shotwick)													
Spurn Head	1009.8	-1	WNW	4	bc	36	85	5	1500	St	3	ACu	4
Nottingham	1010.9	*	W	1	b-	30	85	3	-	-	-	-	0
Cranwell	1011.7	-1	WSW	3	b	31	85	6	-	-	-	-	0
Gorleston	1011.1	0	W	3	b+	31	75	6	-	-	-	ACu	3
Pulham	1011.5	0	SW	2	b	29	97	8	-	-	-	CiSt	1
Felixstowe													
Valencia (Cahirciveen)	1009.1	-2	E'S	3	o	39	65	7	4000	StCu	10	-	10
Roches Point	1009.6	-4	E	5	o	42	97	6	2500	StCu	10	-	10
Pembroke (St. Ann's H.)	1008.9	-3	NE	4	c+	35	85	8	4000	StCu	8	-	8
Ross-on-Wye	1011.5	-3	-	0	b-	29	85	7	-	-	-	Ci	3
Benson	1011.8	-2	—	0	b-	26	97	8	-	-	-	-	0
S. Farnborough	1012.7	-1	—	0	mnb	26	97	5	-	-	-	-	0
London (Kew Obsy.)	1012.7	-1	—	0	mnb	29	85	4	-	-	-	CiSt	1
Croydon	1012.5	-1	SSE	2	bc	30	75	5	-	-	-	Ci	4
Clacton-on-Sea	1011.8	0	WNW	2	b	30	85	7	-	-	-	ACu	3
Shoeburyness	1012.1	0	—	0	bm	31	75	6	-	-	-	CiSt	2
Grain	1012.8	-1	—	0	b	30	85	6	-	-	-	CiSt	3
Lympne	1011.8	-1	NE	2	bc	33	75	8	4000	Cu	2	CiSt	4
Scilly (St. Mary's)	1003.4	-5	ESE	6	ocr	43	97	6	800	St	10	-	10
Falmouth (Pendennis)	1006.3	-6	E	7	o	42	85	7	4000	StCu	10	-	10
Plymouth (Cattewater)													
Portland Bill	1010.2	-3	E'S	5	o	42	85	7	-	-	-	CiSt	10
Southampton (Calshot)	1010.9	-3	E	4	cθ	35	85	7	-	-	-	CiSt	7
Dungeness	1012.2	0	NNE	2	bc-	30	97	8	5750	Cu	2	CiCu	4
Jersey 7h / Guernsey 1h	1008.1	-1	ESE	4	o	40	85	7	1500	St	10	-	10

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 31st/1st °F.	Temperature. Max. Day 1st/2nd °F.	Rainfall†. Night 18h.-9h. 31st/1st mm.	Rainfall†. Day 9h.-18h. 1st/2nd mm.	Sunshine. Sunrise to 17h. 1st/2nd hr.	Sunshine. Sunrise to Sunset 31st/1st hr.
Banff	ohpe	bcp	24	42	0.4	2	3.5	6.9
Montrose	c	bcp	28	41	0.2	0.3	0.6	3.6
Llandudno	bcc	cbc	32	41	-	-	7.3	0.0
Colwyn Bay	cbc	bc	30	41	-	-	6.8	0.0
Rhyl	bcc	cbc	29	41	-	-	8.7	0.6
Southport	bccbc	bcc	27	42	-	-	4.6	3.7
Blackpool	c	bc	26	42	-	-	5.1	7.2
Harrogate	c	bcph	26	39	-	-	2.6	8.0
Skegness	bos	b	32	42	?	0.1	0.6	11.3
Aberystwyth	ocb	b.bc	32	44	-	-	8.0	0.0
Bath	soc	ocbcb	30	43	0	0.3	3.2	0.0
Leamington Spa	bc	c	30	44	-	-	6.6	2.9
Lowestoft	bcs	bc	34	41	-	-	9.7	9.5
Felixstowe	bc	c	35	41	-	-	7.0	10.7
Southend	bc	bcv	34	42	-	-	7.2	5.5

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 31st/1st °F.	Temperature. Max. Day 1st/2nd °F.	Rainfall†. Night 18h.-9h. 31st/1st mm.	Rainfall†. Day 9h.-18h. 1st/2nd mm.	Sunshine. Sunrise to Sunset 1st/2nd hr.	Sunshine. Sunrise to Sunset 31st/1st hr.
Paignton	orsq	orsqg	35	41	10	4	0.0	0.0
Ilfracombe	r	0.0	41	32	12.7	0	0.0	0.0
Bude	s	o	32	41	2	-	0.4	0.0
Penzance	o	o	40	46	-	-	0.0	0.0
Falmouth Observatory	o	om	39	41	-	-	0.0	0.0
Torquay	s	o	34	41	12	4	0.0	0.0
Weymouth	so	o	32	43	14	0.2	1.2	0.0
Bournemouth	o	obcc	32	43	26	-	2.0	0.0
Portsmouth (Southsea)	os	p	32	46	5	-	3.5	0.0
Worthing	oc	bc	33	45	2	-	6.5	0.0
Brighton	bc	bc	33	46	2	-	7.3	0.0
Eastbourne	bc	bc	35	44	1	-	7.6	1.0
Hastings	cbcb	b.bc	34	42	-	-	8.0	2.1
Folkestone	c	c	33	42	-	-	5.6	0.0
Tunbridge Wells	bcc	bc	31	43	1	-	4.8	4.7
Ramsgate	bc	bc	35	40	-	-	8.0	4.0
Margate	bcb	b	36	41	-	-	7.5	6.2
Deal	bc	bc	36	43	-	-	7.0	

* Information for these columns not usually received. † Trace = rain has fallen, but amounts 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.22047 MONDAY, 3RD APRIL 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	1006.7	-2	NE	3	bcph	38	92	7	5750	CuNb	6	-	6	*
Stornoway														*
Wick	1006.8	-2	NW	3	c/r	41	85	8	2500	CuNb	8		8	*
Castlebay	1009.1	-2	N	3	c	43	65	7	1500	Cu	4	ci	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1007.3	-1	NW'N	3	bcpr	42	75	8	4000	CuNb	4	-	4	*
Malin Head	1008.9	-1	NW	1	bc+	43	97	8	5750	St.Cu	4	A.Cu	6	*
Renfrew	1008.2	-1	N	5	o+	46	55	7	4000	St.Cu	10	-	10	*
Edinburgh (Inchkeith)	1008.0	-2	W	1	o/f	43	75	7	-	St.Cu	9	-	9	*
Eskdalemuir	1008.0	-2	-	0	o+	41	65	8	4000	St.Cu	10	-	10	*
Tynemouth	1008.3	-1	NE	2	c	41	85	8	4000	St.Cu	8	-	8	*
Blacksod Point	1006.7	-1	NE	2	bc	37	85	6	—	St	1	—	1	*
Donaghadee	1010.2	-2	E	1	bc	43	97	8	-	-	0	A.Cu	5	*
Birr Castle														*
Baldonnell	1008.6	-3	E	1	o-	44	65	7	2500	St.Cu	9	-	9	*
Holyhead	1008.7	-2	NE	3	C	43	65	8	5750	St.Cu	8	-	8	*
Liverpool (Bidston)	1008.7	-3	W'N	1	bc-	41	65	6	1000	Cu	2	Ci	4	*
Chester (Shotwick)	1008.0	-2	NW	2	o+	42	65	7	4000	St.Cu	10	-	10	*
Spurn Head	1008.4	-1	SE	3	bc	49	92	6	4000	CuNb	5	-	5	*
Nottingham	1008.0	*	SSE	2	bc+	49	55	7	1500	Cu	5	-	5	*
Cranwell	1009.2	-2	S	1	o	46	55	8	4000	St.Cu	9	-	9	*
Gorleston	1010.8	-1	ESE	3	c+	39	85	6	4000	CuNb	8	-	8	*
Pulham	1009.4	0	SW	1	c	40	45	8	5750	St.Cu	8	-	8	*
Valencia (Cahirciveen)	1004.1	-2	E	4	c	45	65	7	4000	St.Cu	8	-	8	*
Roches Point	1005.0	-3	E	5	o	44	85	7	1500	St.Cu	10	-	10	*
Pembroke (St. Ann's H.)	1005.4	-2	E	4	b	42	65	8	-	-	0	Ci.St	3	*
Ross-on-Wye	1008.0	-2	ESE	3	bc	43	55	8	7200	Ci.Cu	1	Ci	4	*
Benson	1007.9	-3	SSE	2	b	44	45	8	—	-	0	Ci	3	*
S. Farnborough	1008.3	-4	ESE	2	c	44	55	7	4000	St.Cu	10	-	10	*
London (Kew Obsy.)	1008.7	-4	SE	2	bc/j	45	55	6	5750	Cu	3	Ci.St	4	*
Croydon	1009.0	-3	SE	2	o	44	65	7	4000	Cu	7	Ci	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1009.5	-3	E	2	bc+	44	55	6	2500	Cu	2	Ci	4	*
Grain	1009.7	-3	NE	2	c+	43	55	8	4000	St.Cu	3	Ci.St	7	*
Lympne	1008.9	-3	SSE	3	bc	42	65	9	4000	Cu	4	Ci.Cu	6	*
Scilly (St. Mary's)	1002.1	-1	E	7	oR-	44	97	7	2500	Nb	10	-	10	*
Falmouth (Pendennis)	1001.7	-4	ESE	8	mmo	40	92	6	2500	Nb	10	-	10	*
Plymouth (Cattewater)	1003.6	-5	NE	5	oro	40	85	6	1500	Nb	5	A.St	10	*
Portland Bill	1007.5	-3	E	6	o	42	85	7	-	-	0	A.St	10	*
Southampton (Calshot)	1002.9	-4	ESE	6	o	41	75	7	4000	St.Cu	4	A.St	10	*
Dungeness	1009.6	-2	SE	2	bc+	43	65	8	-	-	0	A.Cu	5	*
Jersey	1002.4	-4	ESE	5	orr	39	92	7	1500	Nb	10	-	10	*

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	1005.5	-1	N	3	bc+	38	85	7	4000	CuNb	3	Ci.Cu	6	2
Stornoway														*
Wick	1005.7	-2	N	3	c/r	37	97	8	2500	CuNb	4	A.Cu	7	1
Castlebay	1006.7	-2	NNE	2	cjp	[illegible]	85	7	2500	CuNb	3	Ci	4	5	41
Nairn														*
Aberdeen	1005.5	-2	NW'N	2	c/r	38	85	8	4000	St.Cu	8	-	8	0
Malin Head	1006.3	-3	NE	2	bc+	42	97	8	4000	Cu	5	-	5	0
Renfrew	1004.6	-4	-	0	o	45	55	7	2500	St.Cu	10	-	10	*
Edinburgh (Inchkeith)	1005.4	-3	SSW	1	bc	42	65	8	-	St.Cu	3	A.Cu	6	1
Eskdalemuir	1005.7	-3	-	0	o/r	38	75	8	2500	St.Cu	10	-	10	*
Tynemouth	1006.4	-3	-	0	c	40	85	7	4000	St.Cu	8	-	8	1
Blacksod Point	1004.1	-2	NE'E	4	bc+	45	65	8	<150	Cu	8	—	8	8
Donaghadee	1007.2	-3	-	0	bc	42	65	8	5750	St.Cu	2	A.Cu	4	0
Birr Castle														*
Baldonnell	1005.8	-4	E'N	1	b-	40	75	8	2500	Cu	1	-	1	*
Holyhead	1005.5	-3	ENE	3	b	41	75	8	-	-	0	-	0	3
Liverpool (Bidston)	1005.7	-3	NNW	1	bc	39	75	8	-	-	0	A.Cu	4	1
Chester (Shotwick)	1004.7	-4	NW	2	b-	40	75	7	1500	St	2	-	2	*
Spurn Head	1006.8	-2	E	2	b	42	92	6	1500	St	3	-	3	2
Nottingham	1005.8	*	ESE	2	o+	43	65	6	2500	St.Cu	9	-	9	*
Cranwell	1006.7	-3	E'N	1	bc	42	65	7	5750	St.Cu	3	A.Cu	6	*
Gorleston	1007.2	-2	SW	3	b-	40	65	6	7250	St.Cu	1	-	1	*
Pulham	1006.6	-1	SE'S	2	c	39	75	6	4000	St.Cu	6	Ci.St	7	*
Valencia (Cahirciveen)	999.8	-7	E'S	5	c	42	65	6	4000	St.Cu	3	A.Cu	8	0
Roches Point	1001.3	-5	E	5	c+	40	85	7	2500	St.Cu	7	Ci.St	8	6
Pembroke (St. Ann's H.)	1003.2	-3	E	5	b	41	65	7	-	-	0	Ci.St	3	3
Ross-on-Wye	1004.6	-3	SE'S	1	b-	42	65	8	-	-	0	-	0	*
Benson	1006.4	-4	SSE	1	c	40	65	8	4000	St	8	-	8	*
S. Farnborough	1005.6	-3	ENE	2	b	42	65	7	-	-	0	Ci	2	*
London (Kew Obsy.)	1005.6	-3	SE	2	b	42	55	6	5750	St	1	Ci.St	3	*
Croydon	1006.6	-2	SE	1	b-	40	65	7	-	-	0	Ci.Cu	1	*
Clacton-on-Sea	1006.9	-2	SE	3	bc	40	75	7	-	-	0	Ci	4	0
Shoeburyness	1006.5	-3	E	2	b-	40	65	7	-	-	0	A.Cu	1	*
Grain	1006.8	-2	ENE	2	b-	40	75	8	4000	Cu	1	Ci.Cu	2	0
Lympne	1006.4	-2	E'N	4	b-	39	65	8	-	-	0	Ci.Cu	3	*
Scilly (St. Mary's)	998.4	-4	E'S	7	o/r	44	92	6	800	St	10	-	10	7
Falmouth (Pendennis)	999.5	-6	ESE	8	o/r	43	85	5	2500	St.Cu	10	-	10	7
Plymouth (Cattewater)	1000.5	-4	NE	5	o	41	75	6	1500	St	10	-	10	0
Portland Bill	1004.2	-3	E	7	o	42	85	7	-	-	0	A.St	10	6
Southampton (Calshot)	1004.7	-2	E	5	b-	40	85	7	-	-	0	A.Cu	3	3
Dungeness	1006.3	-3	E	3	b	41	75	8	-	-	0	Ci	2	3
Jersey	1000.6	-1	ESE	4	odd	40	97	7	1500	Nb	10	-	10	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. 3rd								Yesterday.		To-day.
Kew	bfxbcry	czbyz	bmbm	*	*	24	-	1	8.9	*	*
Croydon } 24 hours ended 0700	bcoz	ocb	b.bc	*	*	26	-	0.6	10.4	*	*
Greenwich (Royal Obsy.)	bc	c.bc	bo/ro rsh	50	33	25	-	5	10.0	59	94
City (Bunhill Row)	*	*	*	*	*	*	*	*	7.0	*	*
Westminster (St. James' Pk.)	*	*	*	48	35	28	4.8		8.8	52	91
Regents Pk. (Botanical Gdns.)	*	*	*	*	*	*	*	*	6.3	*	-
Camden Sq. (Brit. Rainfall)	bs?	bcm	*	47	32	29	-	4	*	*	96
Kensington Palace	bc	bc.	*	47	35	28	-	6	*	57 (15h.)	94
Hampstead Observatory	bc	bx	*	44	32	19	-	2	7.4	*	100

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

24 Hrs. ended 1800 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 2nd 19 h. 45 m. to 3rd 4 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8.45	4.36	52
δ Ursae Minoris	8.45	4.13	48

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

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

3rd & 4th April, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.26 / 5.24	11.57 / 11.56	6.28 / 6.29
Greenwich	5.34 / 5.32	12.4 / 12.3	6.34 / 6.35
Wick	5.38 / 5.35	12.16 / 12.15	6.54 / 6.56
Valencia	6.15 / 6.13	12.45 / 12.44	7.15 / 7.16

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, 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

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

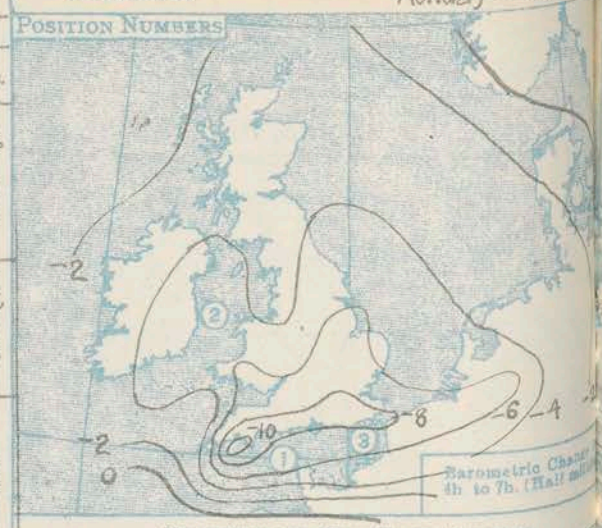
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-13h. 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	S or rs	h or rh	b or be	b or be	41	32	*	trace	-	1230	-	*
Stornoway			S or rs	c	43	32	*		1.2		-	2.6
Wick	c o p.	p. m q	b e s h p	b or be	42	30	*	2	1	<0800	>2100	*
Castlebay			c m o b	b c	43	37	*		-		-	2.9
Nairn	i r s c o		b e x s or rs		42	30	*	1	1	0900	>2100	0.6
Aberdeen	b c p. r o	o p. r c	c b e b	b e s p.	43	31	27	1	0.4	<0800	1.30	4.1
Malin Head	c	c	b or be	b or be	44	33	*	-	-	-	*	5.9
Renfrew	b x c o	o v o	o m	o m	47	33	30	trace	-	1430	-	3.2
Edinburgh (Inchkeith)	m	c	c	c	45	35	31	-	-	-	-	3.1
Eskdalemuir	c	o p. r o	o	o o p s	44	26	22	trace	-	1730	-	3.0
Tynemouth	c	c	o o m	c m	46	35	29	-	-	-	-	*
Blacksod Point ...							*					*
Donaghadee	b c	b c	b e m	b e m	47	31	*	-	-	-	-	*
Birr Castle	c o	c o b e z	b e c o	c o x z	44	27	20	-	-	-	-	7.8
Baldonnell	o o	c b c b	b or be	b o m x	44	25	18	-	-	-	-	6.3
Holyhead	b c o c	c b c b	b or be	b c o	44	35	34	-	-	-	-	8.1
Liverpool (Bidston) ...	o b c	b b c	b e m x		42	33	26	-	-	-	-	6.0
Chester (Shotwick) ...	c o	b c b	b. b m	b e e x m	45	27	20	-	-	-	-	*
Spurn Head	b b c	b b c	b or be	c	49	34	*	-	-	-	*	8.4
Nottingham	c	c	c b	c	50	28	27	-	-	-	-	7.7
Cranwell	b b c c	c	b e b m	o o m x	46	26	16	-	-	-	-	6.1
Gorleston	b c c	c o b c b	b or be	b b e e x	41	31	25	-	-	-	-	?
Pulham	c	c	o o		47	23	15	-	-	-	-	?
Valencia (Cahirciveen)	o c z	c o z	o z	o z	48	35	33	-	-	-	-	1.7
Roches Point	o o	o b c c	o m	o m	46	38	*	-	-	-	-	*
Pembroke (St. Ann's H.)	b b c	b b c	b or be	b c o s s	44	33	*	-	0.4	-	4.30	7.9
Ross-on-Wye	b x b c	b e y b z	b z c o	o g s	45	32	26	-	3	-	4.30	11.0
Benson	b	b	b	o s	49	25	19	-	0.1	-	6.30	*
S. Farnborough ...	o m	o y c y b c	b o s s.	s s f f	46	30	25	-	2	-	2.30	8.3
London (Kew Obsy.) ...	b f x b c y	c z b y z	b m b m	o m g o m g	46	35	24	-	1	-	6.30	8.9
Croydon	b c c o z	o c b	~~b b c~~	b c o m f	46	32	26	-	0.6	-	4.30	10.4
Clacton-on-Sea ...	b c	b c	b	b o g	43	38	31	-	-	-	-	11.7
Shoeburyness	b b c	b b c	c o r r		45	29	19	-	0.3	-	5.30	10.3
Grain	b x b c c	c b c b b	b p	b o o r m	44	34	26	-	1	-	6.30	10.3
Lympne	c	c	b or be	c o r r s m	42	31	26	-	3	-	4.30	10.9
Scilly (St. Mary's) ...	o g R R	o o	o g r	o m r	44	42	*	5	9	<0800	>2100	0.0
Falmouth (Pendennis)	o m r	o m	o m r	o m r	43	39	*	2	10	0900	>2100	0.0
Plymouth (Cattewater)	r. r.	o o	r or d		43	40	39	trace	9	1100	[illegible]	0.6
Portland Bill	o o	o o	o g r	o g r	44	38	*	-	7	-	1.30	*
Southampton (Calshot)	o o	c	c	r r h.	42	35	33	-	2	-	1.30	1.0
Dungeness	b b c	b b c	b or be	R H.	44	37	*	-	3	-	4.30	*
Jersey	o r. r.	o r. d.	d. R R	o R r o	41	38	*	7	11	0900	>2100	0.0

ISALLOBARS. Monday 3rd April

POSITION NUMBERS



Observations from Cross Channel Steamers.

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

GENERAL INFERENCE.

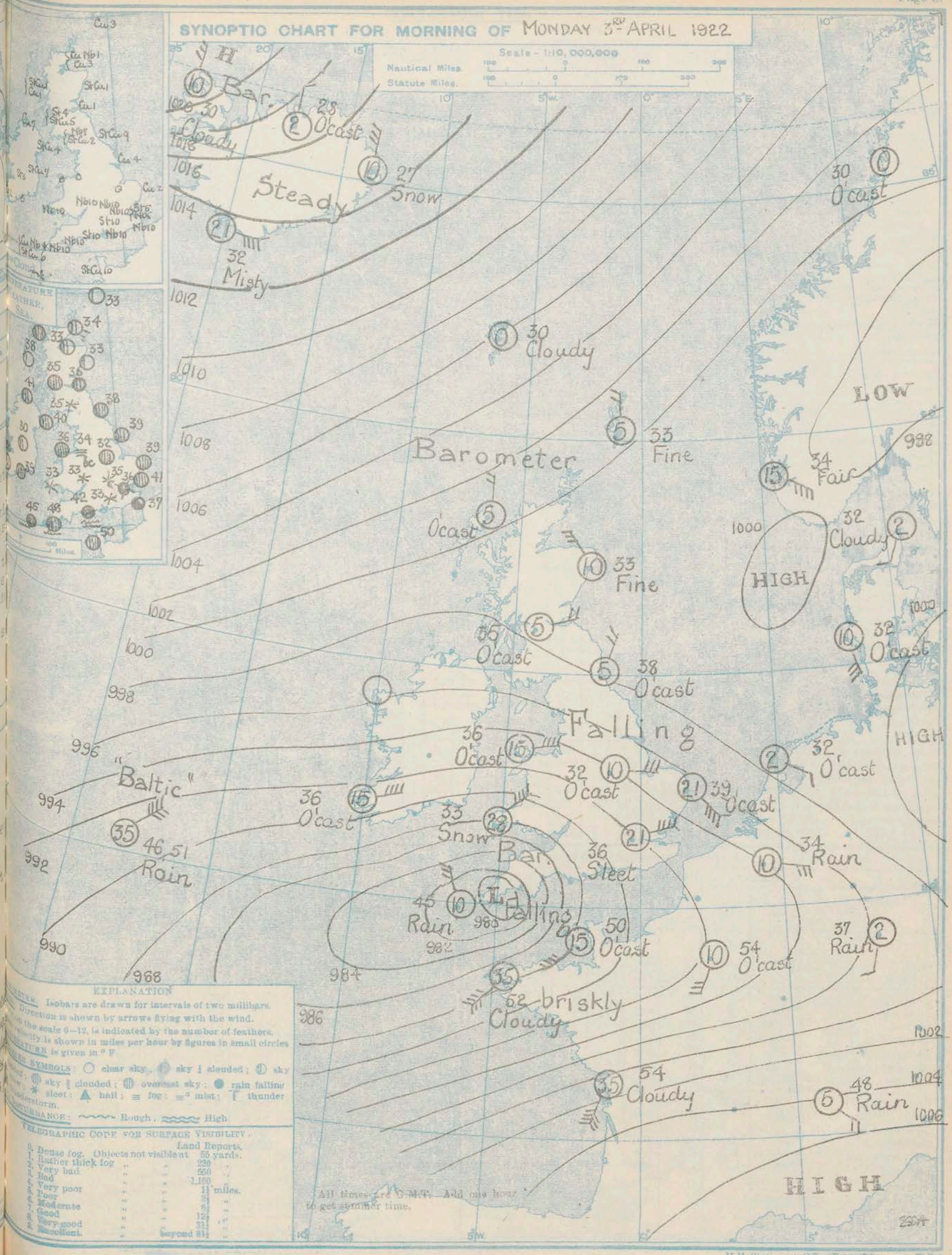
A depression at the Mou[illegible] of the English Channel is moving slowly eastwards and w[illegible] cause strong East to North-Ea[illegible] winds over the Southern half o[illegible] of the Kingdom with gales on [illegible] coasts. Continuous rain, slee[illegible] or snow is likely in the South[illegible] and showers may fall in all districts of the British Isles.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 3rd April, 1922.	Further Outlook.
▲1. S.E. England ▲2. E. England	Fresh to strong East to North-East winds; gales in places on the coast. Dull; some rain, sleet or snow; visibility poor. Cold.	
3. E. Midlands 4. W. Midlands	Fresh East to North-East winds; much cloud, some rain, sleet or snow; visibility moderate; cold.	
▲5. S.W. England	Wind between N.E. and N.W. moderate to strong; much cloud, some rain or sleet; visibility moderate; rather cold.	Cold, unsettle[illegible] weather with winds between North and East.
▲6. South Wales 7. North Wales	Same as 3 and 4.	
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 between North and East, light or moderate; variable cloud; some showers of rain, sleet or snow; visibility moderate to good; cold.	▲ North Cone [illegible] in Districts 5, 6, [illegible] at 0900 gmt [illegible] and in Districts [illegible] 1 & 2 at 08.45 [illegible] today.
▲19. S.E. Ireland ▲20. S.W. Ireland	Moderate or fresh East to N.E. winds; cloudy, some showers of rain, sleet or snow; visibility moderate; cold.	

M.A.9

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 GMT. G. C. SIMPSON, F.R.S., Dir[illegible]

See Code on opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. MONDAY, 3RD APRIL 1922. No 93

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	1003·6	-3	N	2	b.	34	97	7	-	-	0	-	0	*
Stornoway	1005·5	-3	ENE	4	PRS	*	*	4	*	*	*	-	*	*
Wick	1002·8	-3	NW	2	b|s(h)	31	97	8	2500	CuNb	2	-	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1001·7	-3	-	0	bc	35	97	7	4000	Cu	5	·	5	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1002·9	-1	E	2	o+	37	92	8	-	StCu	9	-	9	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1002·7	-2	-	0	o	38	92	5	·	·	0	ASt	10	*
Blackrod Point ...	998·1	-3	NE'E	6	o	39	75	4	-	CuN	9	-	9	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	999·7	-6	-	0	b	25	97	8	-	-	0	-	0	*
Holyhead	999·2	-3	E'N	4	b	*	*	8	-	-	0	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
														*
Spurn Head	1002·5	-4	-	0	b	41	97	7	-	-	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1002·9	-4	E'S	1	b	29	97	6	-	-	0	-	0	*
Gorleston	1003·1	-2	SE	1	b	32	75	7	-	-	0	-	0	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	999·3	-4	ENE	5	bc	37	85	4	-	-	0	ASt	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anne's H.)	999·2	-6	ENE	5	bc	38	75	7	-	-	0	CiSt	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	37	*	*	*	*	*	*	*	*
Croydon	1000·3	-6	ESE	2	bc+	34	85	7	-	-	0	ACu	5	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	999·8	-8	NE	6	c+	37	92	7	2500	StCu	7	-	7	*
Scilly (St. Mary's) ...	986·1	-15	ESE	8	ORR	43	97	7	2500	Nb	10	-	10	*
Falmouth (Pendennis)	988·2	-8	ESE	9	mmo	43	92	5	1500	Nb	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	996·3	-4	E	5	oh(r)	38	85	6	450	St	10	-	10	*
Southampton (Calshot)	997·1	-8	E	5	or	38	85	6	1500	Nb	10	-	10	*
Dungeness	998·3	-6	E	4	bc+	38	97	7	-	-	0	ACu	6	*
Jersey 7h }	991·0	-13	ESE	5	ORR	40	92	3	2500	Nb	10	-	10	*
Guernsey 1h }														

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	1000·5	-2	N	2	D	33	97	7	7250	Cu	3	-	3	*
Stornoway	1000·6	-3	N	2	C	34	85	6	2500	St	8	-	8	*
Wick	999·3	-4	NW	2	bc	34	97	8	2500	Cu	4	-	4	*
Castlebay	999·2	-2	NNE	4	b	38	75	8	2500	St	2	-	2	*
Nairn	999·7	-	-	0	bc|s(h)	33	85	8	4000	Cu	6	-	6	*
Aberdeen	999·5	-3	NW'N	3	b|s(h)	33	92	8	4000	StCu	1	-	1	*
Malin Head	997·1	-3	ENE	2	C	41	97	7	4000	Cu	7	-	7	*
Renfrew	998·9	-3	ENE	2	o	35	85	4	4000	StCu	9	-	9	*
Edinburgh (Inchkeith)	998·5	-4	ENE	3	bc-	36	85	8	-	StCu	2	CiCu	6	*
Eskdalemuir	997·8	-4	NE	4	ops	32	92	6	1500	Nb	9	-	9	*
Tynemouth	998·0	-4	NNE	2	o/m	38	92	8	4000	StCu	9	-	9	*
Blackrod Point ...	995·4	-3	NE	6	C	39	85	9	-	St	2	-	2	*
Donaghadee	997·4	-5	SE	3	c+	40	97	7	5750	StCu	4	ACu	8	*
Birr Castle	992·9	*	E	1	bc+	30	97	6	2500	St	3	CiCu	6	*
Baldonnell	993·9	-6	E'N	4	o	38	75	5	1500	StCu	7	CiSt	9	*
Holyhead	993·8	-4	ENE	4	o	36	85	6	-	-	0	Ci	10	*
Liverpool (Bidston) ...	994·3	-4	E	3	fbc-	34	85	3	-	-	0	ASt	4	*
Chester (Sholwick) ...	993·2	-4	ENE	3	c+	33	75	4	-	-	0	Ci	8	*
														*
Spurn Head	996·2	-6	E	4	C	39	92	7	4000	Cu	4	CiCu	8	*
Nottingham	994·8	*	E	3	o+	32	85	6	-	-	0	ASt	10	*
Cranwell	996·3	-7	NE'E	3	o	31	75	6	-	-	0	ASt	9	*
Gorleston	996·5	-4	SE	5	o+	39	75	7	4000	Cu	2	CiSt	9	*
Pulham	995·3	-6	NE	3	o	35	85	6	4000	StCu	10	-	10	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	990·4	-3	ENE	4	o	36	75	6	2500	St	2	CiSt	9	*
Roches Point	989·0	-5	NE	4	o	39	85	6	-	-	0	ASt	10	*
Pembroke (St. Anne's H.)	987·9	-4	NE	6	oss	33	97	2	1500	ND	10	-	10	*
Ross-on-Wye	991·5	-6	ENE	4	oSS	33	92	3	450	ND	10	-	10	*
Benson	991·4	!	NE	4	os+	35	97	4	-	ND	10	-	10	*
S. Farnborough ...	990·5	-9	ENE	3	oss	33	97	2	450	St	10	-	10	*
London (Kew Obsy.) ...	991·1	-8	ENE	5	oTSTS	36	92	4	1500	Nb	10	-	10	*
Croydon	991·9	-8	E'N	4	oss	33	97	3	450	Nb	10	-	10	*
Clacton-on-Sea ...	993·6	-9	E	5	o+	41	85	6	4000	St	10	-	10	*
Shoeburyness	993·2	-4	E	4	oT+	39	85	5	1500	Nb	10	-	10	*
Grain	992·9	-8	E	4	oT	37	97	6	800	Nb	10	-	10	*
Lympne	991·7	-8	E	6	oss	34	97	4	800	Nb	10	-	10	*
Scilly (St. Mary's) ...	981·4	0	NW	3	oT	45	97	6	4000	StCu	10	-	10	*
Falmouth (Pendennis)	979·5	-10	WSW	9	o	48	65	6	1500	Nb	10	-	10	*
Plymouth (Cattewater)	983·1	-6	ESE	3	oTT	43	92	6	800	Nb	10	-	10	*
Portland Bill	987·3	-?	E	8	ORR	42	85	5	450	St	10	-	10	*
Southampton (Calshot)	988·5	-7	E	6	oh/h	35	97	5	800	Nb	10	-	10	*
Dungeness	991·7	-5	ESE	4	ORR	37	97	6	800	St	10	-	10	*
Jersey 7h }	988·6	0	SW	4	o/f	50	92	7	2500	StCu	10	-	10	*
Guernsey 1h }														

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 1st-2nd °F.	Temperature. Max. Day 2nd °F.	Rainfall.† Night 12h.-9h. 1st-2nd mm.	Rainfall.† Day 9h.-12h 2nd mm.	Sunshine. Sunrise to 12h. 2nd hr.	Sunshine. Sunrise to Sunset 1st
Banff	bcc	cob	37	43	2	1	2·4	4·0
Montrose	bc	bcc	35	47	-	-	4·6	1·5
Llandudno	cbc	cbb	30	44	-	-	4·5	7·8
Colwyn Bay ...	cbc	bc	32	43	-	-	3·0	7·9
Rhyl	bcc	cbc	29	42	-	-	1·8	8·7
Southport	bcbc	bcz	30	44	-	-	8·2	4·8
Blackpool	bc	b	28	46	-	-	9·1	5·7
Harrogate	bbc	bc	30	44	-	-	5·2	3·6
Skegness	xmb	b	34	45	-	-	6·6	6·7
Aberystwyth ...	cbb	bbc	32	47	-	-	10·0	8·0
Bath	bbc	bbcco	25	44	-	-	4·9	3·4
Leamington Spa ...								
Lowestoft	b	bbcd	28	46	-	-	7·5	9·8
Felixstowe	bv	by	27	44	-	-	10·7	7·3
Southend	b	bv	29	47	-	-	10·7	7·7
Paignton	oqoqb	oq	40	42	-	-	0·0	0·0
Ilfracombe	ocbc	bcb	32	43	-	-	6·4	0·0
Bude	o	b	36	44	-	-	4·0	0·4
Penzance	or	oro	39	44	0·3	2	0·0	0·0
Falmouth Observatory	rq	o	38	42	-	-	0·0	0·0
Torquay	o	o	40	43	-	-	0·3	0·0
Weymouth	o	oco	37	44	-	-	1·7	1·2
Bournemouth ...	o	o	29	43	-	-	1·0	2·0
Portsmouth (Southsea)	co	bc	32	44	-	-	1·4	3·5
Worthing	bc	bc	26	43	-	-	4·2	6·7
Brighton	bc	o	27	44	-	-	4·1	7·8
Eastbourne ...	bcco	ocbc	27	44	-	-	3·2	7·8
Hastings	oc	bcb	31	43	-	-	6·3	8·8
Folkestone	b	bc	31	44	-	-	8·6	6·3
Tunbridge Wells ...	bbc	ocbcb	23	44	-	-	6·7	5·3
Ramsgate	b	b	32	43	-	-	10·8	8·4
Margate	b	b	31	44	-	-	10·6	8·0
Deal	bc	b	27	45	-	-	11·0	7·6

* 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22048 TUESDAY 4th APRIL 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	998.6	-2	ENE	2	pr₀	40	85	8	4000	Cu	6	–	6	•
Stornoway	999.3	-2	NE	3	prs₀	38	92	6	4000	Nb	7	–	7	•
Wick	997.4	-2	NE	1	ojp	40	92	8	2500	CuNb	4	Ci	6	•
Castlebay	997.4	-1	NE	4	bc	43	65	8	2500	Cu	3	ASt	4	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	996.7	-2	NE	3	~~ob~~ b	44	75	8	4000	CuNb	3	–	3	•
Malin Head	996.0	-2	ENE	3	c	42	97	7	4000	Cu	7	–	7	•
Renfrew	995.8	-4	ENE	3	o+	43	55	6	2500	StCu	9	–	9	•
Edinburgh (Inchkeith)	995.6	-2	E	3	b-	45	75	8	–	CuNb	3	–	3	•
Eskdalemuir	994.7	-2	NE	4	c	37	73	7	2500	Cu	8	–	8	•
Tynemouth	994.8	-3	NE	2	c	41	85	7	4000	CuNb	8	–	8	•
Blacksod Point	994.6	-1	NE	5	bc	44	75	9	~~StCu~~	StCu	3	•	3	•
Donaghadee	995.4	-1	ESE	3	bc	42	65	8	4000	Cu	4	ASt	6	•
Birr Castle	990.6	•	NE	2	c+	47	65	7	4000	Cu	8	–	8	•
Baldonnell	992.1	0	ENE	4	o-	41	75	7	2500	Cu	9	–	9	•
Holyhead	990.1	-3	ENE	7	c	42	75	6	2500	Cu	2	ASt	8	•
Liverpool (Bidston)	989.7	-3	ENE	5	c-	42	65	5	2500	St	7	–	7	•
Chester (Shotwick)	988.9	-4	ENE	5	o	42	63	6	2500	StCu	6	ASt	10	•
Spurn Head	991.0	-5	E	5	o	44	85	7	4000	Cu	2	CiSt	9	•
Nottingham	989.3	•	E	5	o	41	65	7	800	CuNb	3	ASt	10	•
Cranwell	990.3	-5	ENE	5	o	41	65	8	1500	StCu	3	ASt	10	•
Gorleston	989.8	-5	E'S	6	o	40	75	6	4000	Cu	3	ASt	10	•
Pulham	989.7	-6	ENE	7	rs+	35	97	4	1500	Nb	10	–	10	•
Valencia (Cahirciveen)	990.2	+1	NE	6	b-	46	55	6	4000	Cu	3	–	3	•
Roches Point	987.8	-1	NE	5	bc-	48	65	7	–	–	–	CiSt	4	•
Pembroke (St. Ann's H.)	983.3	+1	NE	6	rs-	34	97	5	1500	Nb	10	–	10	•
Ross-on-Wye	986.4	-3	ENE	4	ss	33	97	4	800	Nb	10	–	10	•
Benson	986.2	-3	ENE	3	rsrs	34	97	3	–	Nb	10	–	10	•
Farnborough	986.7	-2	ENE	3	r₀r₀	34	97	5	450	Nb	10	–	10	•
London (Kew Obsy.)	985.8	-5	ENE	5	rsrs	34	92	3	1500	Nb	10	–	10	•
Croydon	986.4	-4	E	5	ss	33	97	3	450	Nb	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	987.1	-4	E'N	6	rsrs	36	85	5	800	Nb	10	–	10	•
Dover	986.6	-6	ENE	6	RSRS	36	97	6	800	Nb	10	–	10	•
Lympne	983.2	-3	E	4	r₀r₀	40	97	4	800	Nb	10	–	10	•
Scilly (St. Mary's)	981.6	-1	N'W	4	o	44	92	7	4000	StCu	10	–	10	•
Falmouth (Pendennis)	979.5	0	W	5	bc-	47	85	8	4000	Cu	6	–	6	•
Plymouth (Cattewater)	981.0	-1	SW	5	r₀r₀	47	92	6	1500	StCu	10	–	10	•
Portland Bill	983.4	-4	SW	6	rr	47	85	6	450	St	10	–	10	•
Southampton (Calshot)	984.1	-1	WSW	2	r	44	97	6	800	Nb	10	–	10	•
Dungeness	985.5	-4	SE	3	o	43	97	5	800	Nb	10	–	10	•
Jersey	987.7	0	SW	5	o	50	85	8	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	997.3	-2	ENE	2	pr₀	36	97	8	4000	CuNb	4	–	4	1
Stornoway	998.3	-4	ENE	4	b-	40	75	7	4000	Cu	3	–	3	
Wick	996.3	-1	NW	2	bc	39	92	8	2500	CuNb	4	–	4	0
Castlebay	997.3	-0	NNE	4	bc	40	75	8	2500	Cu	3	ASt	5	3
Nairn	996.4		Calm	–	bc+	37	65	6	4000	CuNb	4	CiCu	6	•
Aberdeen	995.7	-1	NNE	3	b	38	75	8	4000	CuNb	1	–	1	0
Malin Head	995.5	0	NNE	3	bc-	42	92	8	4000	Cu	5	–	5	0
Renfrew	995.5	+0	ENE	3	c	39	85	5	5750	St	8	Ci	9	•
Edinburgh (Inchkeith)	994.7	-2	NNE	2	bc+	37	92	9	–	Cu	3	CiCu	6	3
Eskdalemuir	994.1	-1	NE'N	4	b	34	85	8	2500	CuNb	2	–	2	•
Tynemouth	993.5	-1	NE	3	pr₀	39	85	7	4000	CuNb	6	–	6	3
Blacksod Point														
Donaghadee	995.0	-1	ENE	3	c+	43	65	8	4000	Cu	8	–	8	3
Birr Castle	993.0	•	NW	1	c	41	85	7	4000	StCu	5	ACu	8	•
Baldonnell	993.5	+4	NNE	3	c	41	85	8	2500	StCu	3	ACu	8	•
Holyhead	990.9	-2	NE'E	6	c	42	75	8	2500	St	2	ACu	8	6
Liverpool (Bidston)	989.9	-0	E'N	4	c+	39	75	5	2500	Cu	7	–	7	3
Chester (Shotwick)	989.3	+1	NE	3	d₀	40	65	5	2500	St	10	–	10	•
Spurn Head	989.6	-2	NE	4	c	40	85	7	4000	Cu	4	CiCu	7	3
Nottingham	988.8	•	E	3	c-	37	92	6	800	CuNb	6	Ci	8	•
Cranwell	989.1	-1	NE	4	o	39	75	7	1500	Cu	6	CiSt	10	•
Gorleston	988.8	-1	E'S	5	r-	35	97	6	4000	Nb	10	–	10	6
Pulham	987.5	-1	NNE	3	s-	33	97	6	800	Nb	10	–	10	•
Valencia (Cahirciveen)	994.8	+5	NNE	5	bc-	44	65	6	5750	StCu	3	ACu	5	4
Roches Point	992.5	+6	NE	4	bc-	45	75	8	4000	StCu	4	–	4	6
Pembroke (St. Ann's H.)	987.5	+5	NE	5	bc	39	75	8	–	–	–	ASt	6	5
Ross-on-Wye	986.6	+1	NE	4	prs₀	34	85	6	1500	Nb	10	–	10	•
Benson	984.4	-3	NE	2	rsrs	33	97	3	–	Nb	10	–	10	•
Farnborough	984.0	-3	ENE	4	r₀r₀	33	97	2	450	Nb	10	–	10	•
London (Kew Obsy.)	984.4	-1	NE	4	rsrs	35	92	3	1500	Nb	10	–	10	•
Croydon	984.5	-2	NE'E	4	rsrs	33	97	4	450	Nb	10	–	10	•
Clacton-on-Sea	985.8	-2	ENE	4	rsrs	36	97	4	2500	St	10	–	10	5
Shoeburyness	985.0	-4	ENE	6	r-	36	85	5	800	Nb	10	–	10	
Dover	984.3	-2	NNE	6	r-	38	97	6	800	Nb	10	–	10	6
Lympne	983.2	-3	Calm	–	rr	44	97	3	<150	Nb	10	–	10	•
Scilly (St. Mary's)	985.3	+5	N	6	o	42	92	6	4000	StCu	10	–	10	7
Falmouth (Pendennis)	979.8	-4	N	5	d₀	43	92	7	2500	Nb	10	–	10	6
Plymouth (Cattewater)	979.5	-0	NE	2	ojp	44	75	7	1500	St	10	–	10	3
Portland Bill	981.3	-3	Calm	–	c	48	85	6	–	–	–	CiCu	7	6
Southampton (Calshot)	981.2	-3	NE	4	DD	40	97	4	450	Nb	10	–	10	3
Dungeness	983.6	-3	SW	2	R	45	97	7	800	Nb	10	–	10	3
Jersey	982.0	-4	SW	6	o	49	85	8	1500	Nb	10	–	10	6

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. 4th								Yesterday.		To-day.
Croydon, 24 hours ended 0700	ofTS	oSgTS	omSogbh	•	•	32	12	2	0.0	•	•
	ofs ssm	omfrfdf	oTS₀ T₀R	•	•	32	16	2	•	•	•
Greenwich (Royal Obsy.)	05.05	oS1T	o.o	37	33	31	11	2	0.0	97	81
City (Bunhill Row)	•	•	•	•	•	•	•	•	0.0	•	•
Westminster (St. James' Pk.)	•	•	•	40	34	30	13		0.0	99	71
Regents Pk. (Botanical Gdns.)	• ?	•	•	•	•	•	•	•	0.0	•	–
Camden Sq. (Brit. Rainfall)	~~bc.~~	bc.05	•	39	33	31	10	2	•	?	81
Kensington Palace	05T	05T	•	39	33	32	11	8	•	92 (18h.)	77
Hampstead Observatory	•	•	•	35	32	27	10	1	0.0	•	86

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.0	1900 2nd	0.3	0100 3rd
1.3	0900 3rd		

Kew Observatory Max.	Time.	Min.	Time.
1.0	0800 3rd	<0.3	0500 3rd
1.2	1500 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 19 h 45 m to 4th 04 h 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	7.45	– –	–
δ Ursae Minoris	7.45	– –	–

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
	–	–	–	–
	–	–	–	–
	–	–	–	–
	–	–	–	–

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

4th & 5th APRIL 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.24 5.21	11.56 11.56	6.29 6.31
Greenwich	5.32 5.30	12.3 12.3	6.35 6.37
Wick	5.35 5.32	12.15 12.15	6.56 6.59
Valencia	6.13 6.11	12.44 12.44	7.16 7.17

BEAUFORT NOTATION OF WEATHER.

- b blue sky (not more than a quarter covered).
- bc sky partly cloudy (one half covered).
- c generally cloudy (three-quarters covered).
- d drizzle, 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.

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.

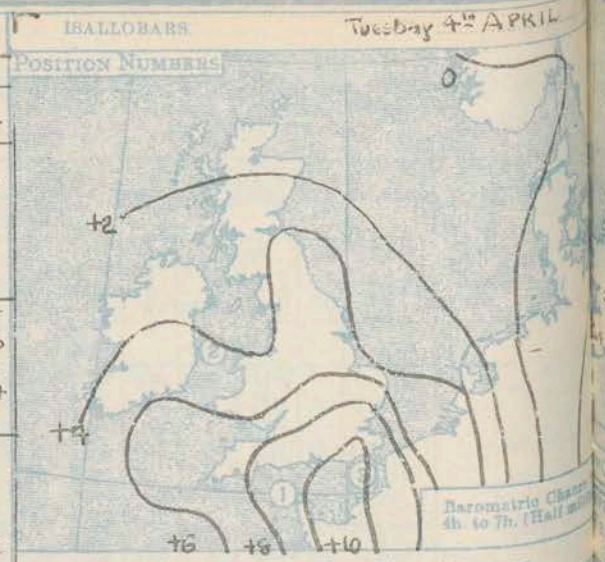
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 3rd	Weather. 13h.-18h. 3rd	Weather. 18h.-1h. 3rd to 4th	Weather. 1h.-7h. 4th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h. mm.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	Sorrs	p	b or bc	b or bc	41	33	•	0.3	–	<0800	–	•
Stornoway	p	c	b or bc	b	?	32	•	0.8	–	1100	–	9.2
Wick	gjs	bchsp	bcprs	bcph	42	32	•	0.4	0.2	16.30	0900	•
Castlebay	bc	bc	bc.b	b	43	36	•	–	–	–	–	11.5
Nairn	–	bbcc	bcx	bc	43	?35 33	•	–	–	–	–	8.0
Aberdeen	bcph₀	bcb	b.	bps₀	44	31	28	0.1	0.1	11.00	–	7.8
Malin Head	c	p₀	cph	b or bc			•	0.5	0.4	1530	0900	5.4
Renfrew	ozz₀	cz₀p₀om	bm	bmx	44	25	15	~~0.7~~ trace		16.30	–	4.6
Edinburgh (Inchkeith)	c	b or bc	b or bc	c	45	33	29	–	–	–	–	11.0
Eskdalemuir	ocpsq	cpsqb	b	b.bc	43	26	21	1	–	<0800	–	5.4
Tynemouth	ps₀	bcprs	prs	cpsq/m	47	31	29	0.2	0.5	1230	<2100	•
Blacksod Point ...							•					•
Donaghadee	bcq	cq	bc	bc.bc	45	32	•	–	–	–	–	•
Birr Castle	co	co	c.o.	bcx	47	27	19	–	–	–	–	5.7
Baldonnell	oo	oc₀c	c	bc.cx	43	29	23	trace	–	1430	–	6.2
Holyhead	ozc	zc	cpk.o.c	b.bc	43	35	36	–	trace	–	<2100	5.4
Liverpool (Bidston) ...	bcom	com	bx		43	33	29	–	–	–	–	0.7
Chester (Shotwick) ...	cooz	odoh₀	o.cm.b	bx.b	45	30	25	~~0.7~~ trace	–	1730	–	•
Spurn Head	c	c	b or bc	b or bc	44	34	•	–	–	–	–	1.3
Nottingham	oo	pps	c.b.	b or bcmx	41	33	29	0.2	0.3	1230	<2100	0.0
Cranwell	oo	oprs	b or bc	c.bx.o	41	29	26	~~0.7~~ trace		16.30	–	0.0
Gorleston	oq	oqrs	o.cq.bc	cq.bcq	40	35	35	3	–	1330	–	0.0
Pulham	oos	oss	os.o	or.os	41	33	32	5	10	1230	–	0.0
Valencia (Cahirciveen)	ocbzy	bzyc	bc	cz bx	~~48~~	34	28	–	–	–	–	7.2
Roches Point	o.c.bc.	bc.cbc	b.o.	o.b	50	35	•	–	–	–	–	•
Pembroke (St. Ann's H.)	oss	ossoc	oo	c	39	36	•	4	0.5	<0800	1730	0.6
Ross-on-Wye	Ss	ssrsrq	s₀p.c.o.c	c.bc.c	34	33	28	16	0.1	<0800	<2100	0.0
Benson	s	s	s	c.o	35	33	30	9	1	<0800	<2100	•
S. Farnborough ...	ssfrr₀r₀	orr₀r₀Ff	r₀r₀ss	ombomcm	37	33	30	14	2	<0800	<2100	0.0
London (Kew Obsy.) ...	ofrs	osgrs	omsomr₀	ombm	36	34	32	12	2	<0800	<2100	0.0
Croydon	orsssm	~~omrfcf~~ omsrsdr	or₀ r₀	or₀ m	35	33	32	16	2	<0800	<2100	0.0
Clacton-on-Sea ...	- s or rs.	ogr.og		og	41	35	34	7	1	<0800	<2100	0.0
Shoeburyness	Sorrs	Sorrs	or₀r.o	oo	39	34	34	12	1	<0800	<2100	0.0
Grain	Sorrs	Rsrr	or.orr	or₀oo	39	35	35	13	1	<0800	<2100	0.0
Lympne	omrs	rord	orrfm r₀r₀f	orrs r₀r₀m	44	35	35	11	3	<0800	<2100	0.0
Scilly (St. Mary's) ...	omd	omq	o.bcq.o	o.cqp	45	38	•	1	0.5	<0800	0230	0.0
Falmouth (Pendennis.)	cmbc	bcmcp	o.c.o	o.cp	49	31	•	1	1	1530	<2100	1.2
Plymouth (Cattewater)	rord	oo	or.o.	bcm	49	35	29	5	0.4	<0800	<2100	0.2
Portland Bill	or	oorc	oo	o.bc	49	34	•	9	0.3	1530	<2100	•
Southampton (Calshot)	Rr	DDm	irirs₀mo	c	47	35	34	8 9	1	<0800	<2100	0.0
Dungeness	rrirm	mrrir	iRr₀rirR	iRir	47	38	•	9	13	<0800	<2100	•
Jersey	ocpopo	orro	iRmq/	ophro	?	38	•	5	1	09.00	0230	2.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	3rd 1000	Hibernia	ENE	6	oz	42	44
3	3rd 0200	Dieppe	SE	4	r₀+	42	50

General Inference.

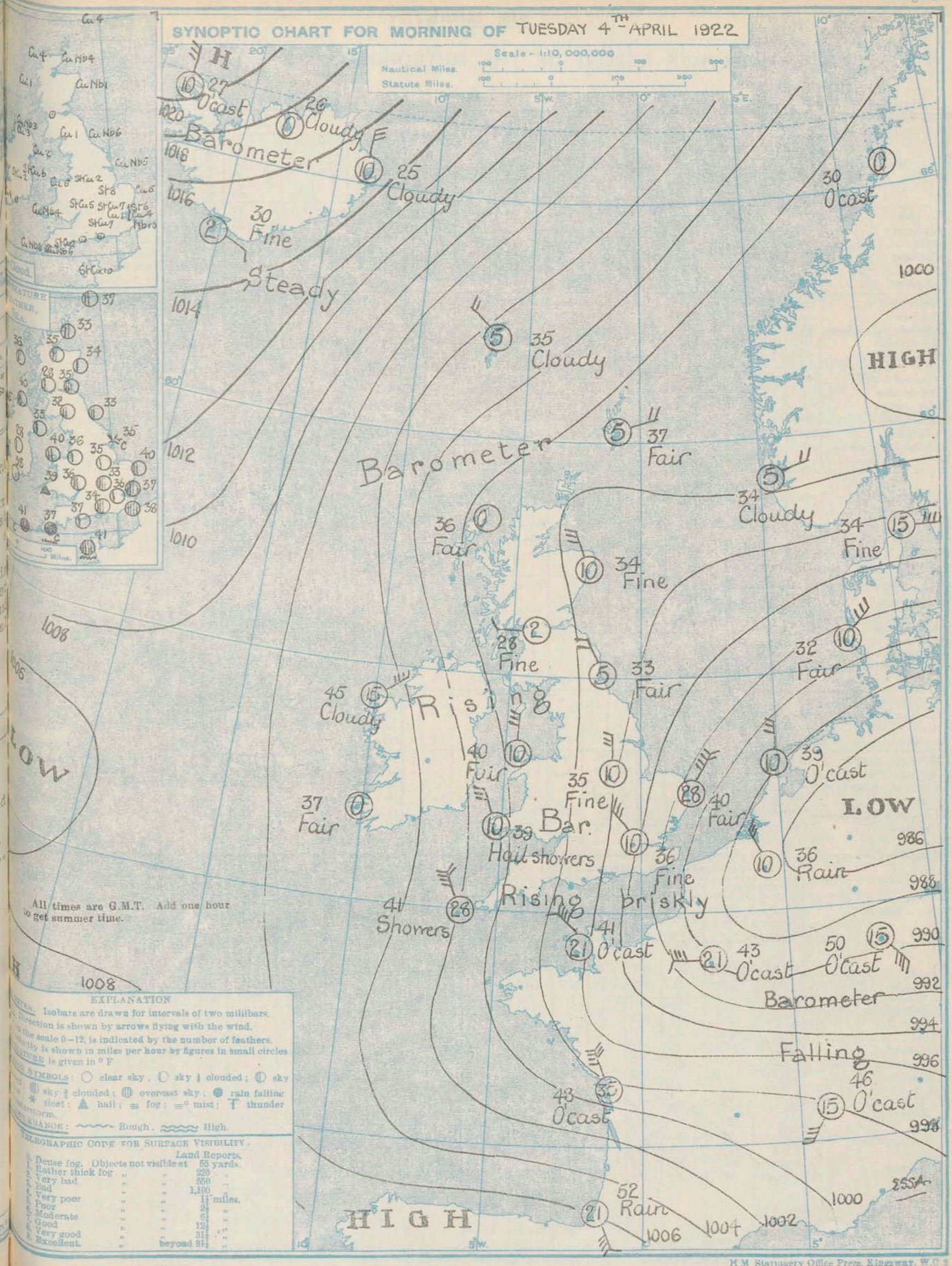
A cold Northerly wind curren
with mainly fair weather but
local showers with rain hail o
snow will be experienced for a
least 24 hours in the rear of t
depression which has moved
rapidly eastwards to the Contin
A further depression is howeve
indicated over the Atlantic and
may before long bring a renewe
of unsettled conditions.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday. 4th April, 1922.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate Northerly winds; fair or cloudy; local showers of rain hail or snow; visibility good; cold.	Continuing cold with winds mainly between North and East.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Light Northerly winds; mainly fair, local showers of rain, hail or snow; visibility good; cold.	
10. N.E. England 11. E. Scotland	Same as 1 - 4.	
12. S.W. Scotland 13. Isle of Man	Same as 5 - 9.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Same as 1 - 4.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light Northerly or indefinite winds; variable cloud; visibility good; cold.	

M.A.S.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.45 GMT. C. C. SIMPSON, F.R.S., Dire

† For Cells 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, 4TH APRIL 1922. No. 94

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	Sea. 0-9
Lerwick	998.3	+1	ENE	1	b	36	85	6	5750	Cu	2	a Cu	3	•
Stornoway	1000.2	+2	NE	1	bc-	•	•	7	•	•	•	•	•	•
Wick	996.0	+1	NNE	2	bpts	37	97	8	4000	Cu	2	Ci	3	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	998.6	+2	NNE	1	c-	39	97	7	4000	CuNb	7	-	7	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	996.0	+1	N	3	b-	35	85	8	-	StCu	1	-	1	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	993.8	+1	N	3	b/r	39	85	7	4000	CuNb	3	-	3	•
Blacksod Point ...	1004.1	-2	NE'E	4	bc+	46	65	8	4150	Cu	8	—	8	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	998.8	+6	-	0	bc-	33	92	8	2500	St	6	-	6	•
Holyhead	995.2	+3	NNE	5	b-	*	*	8	2500	Cu	2	-	2	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	990.5	0	NE	5	b	36	85	7	1500	St	1	-	1	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	991.5	+2	N'W	3	c+	32	97	7	2500	StCu	8	-	8	•
Gorleston	987.6	-1	NE	5	b-	38	85	7	4000	Cu	3	-	3	•
Pulham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1001.1	+6	E	2	c+	41	85	6	-	StCu	8	-	8	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	995.9	+5	N	3	o	38	85	8	-	-	0	a SV	10	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	35	•	•	•	•	•	•	•	•
Croydon	987.1	+3	NE	5	ors	35	92	5	800	Nb	10	-	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	983.9	+3	SE	4	ors	37	97	3	4150	Nb	10	-	10	•
Scilly (St. Mary's) ...	995.9	+8	NE'N	4	o	43	85	8	4000	StCu	10	-	10	•
Falmouth (Pendennis)	994.2	+10	N	4	o+	40	85	7	2500	Nb	10	-	10	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	?	+4	NE	7	o	36	85	7	-	-	0	a St	10	•
Southampton (Calshot)	987.8	+8	NNE	4	o	37	85	7	2500	St	10	-	10	•
Dungeness	983.4	+2	NE	5	cRR	39	97	7	-	CuNb	7	-	7	•
Jersey 7h } Guernsey 1h }	989.2	+15	N'E	8	o/r	44	92	6	5750	Nb	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	Sea. 0-9
Lerwick	999.0	+1	ENE	2	bc+	37	85	7	4000	Cu	4	-	4	1
Stornoway	999.9	+1	-	0	bc	36	85	7	4000	Cu	4	-	4	0
Wick	997.2	+1	WNW	2	bc/s(h)	33	97	8	2500	CuNb	4	-	4	0
Castlebay	1001.5	+2	NNW	2	b	36	85	8	2500	Cu	1	a Cu	2	1
Nairn	998.9	•	-	0	bc	35	85	8	4000	Cu	6	-	6	0
Aberdeen	997.5	+3	NW'N	3	b	34	85	8	4000	CuNb	1	-	1	0
Malin Head	1000.4	+3	N	1	bc	40	97	8	4000	CuNb	6	-	6	0
Renfrew	999.6	+3	W	1	b-	28	85	6	-	-	0	Ci	1	3
Edinburgh (Inchkeith)	998.4	+4	W	3	c+	35	75	7	-	StCu	5	a Cu	7	•
Eskdalemuir	998.9	+4	NNW	2	bc+	32	65	8	2500	Cu	1	a Cu	4	2
Tynemouth	996.8	+5	NW	2	bcjp	33	92	6	4000	CuNb	6	-	6	•
Blacksod Point ...	1002.0	+3	NW	1	bc	36	97	9	4150	St	3	-	3	•
Donaghadee	1000.6	+3	W	1	b	33	85	8	5750	Cu	2	Ci Cu	3	0
Birr Castle	1002.3	•	NW	1	b-	28	97	7	4000	SvCu	2	-	2	•
Baldonnell	1002.5	+5	SW'S	2	c+	32	92	8	4000	SvCu	6	a St	7	1
Holyhead	1000.4	+4	N	3	bc+	40	75	8	2500	Cu	5	-	5	3
Liverpool (Bidston) ...	995.6	+4	N	2	b+	36	85	9	2500	Cu	3	-	3	•
Chester (Shotwick) ...	998.3	+7	NNW	2	b	36	85	7	4000	SvCu	2	-	2	•
Spurn Head	994.6	+3	NNW	4	cps	35	97	8	4000	CuNb	5	Ci Cu	7	3
Nottingham	996.6	•	N	3	b+	35	85	3	4000	Cu	2	-	2	•
Cranwell	996.1	+6	NNW	4	o-	32	97	6	450	Sv	8	a Cu	9	•
Gorleston	991.9	+2	NE'N	6	bc-	40	75	6	4000	Cu	5	-	5	5
Pulham	992.8	+8	N'W	4	ors	35	92	5	1500	Nb	10	-	10	•
Valencia (Cahirciveen)	1005.2	+4	-	0	bc+	37	85	9	2500	SvCu	4	-	4	3
Roches Point	1004.1	+6	NNW	2	b	38	92	7	-	-	0	-	0	1
Pembroke (St. Ann's H.)	1001.0	+6	NNW	3	bcph	39	85	8	4000	CuNb	4	-	4	5
Ross-on-Wye	998.8	+6	NW	1	bc-	36	75	8	4000	SvCu	5	-	5	•
Benson	996.7	+8	NNW	4	c/s(h)	33	92	6	-	StCu	7	-	7	•
S. Farnborough ...	995.9	+8	WNW	3	c+	34	85	6	1500	SvCu	7	-	7	•
London (Kew Obsy.) ...	995.7	+9	NW	3	b-	36	85	6	4000	Cu	1	a SV	3	•
Croydon	995.7	+10	NNW	4	o/r	34	85	5	800	SV	9	a Cu	10	2
Clacton-on-Sea ...	992.2	+8	NNW	4	o/r	37	92	5	2500	SvCu	10	-	10	•
Shoeburyness	993.2	+6	NNW	4	o	36	85	7	2500	SV	10	-	10	3
Grain	994.1	+9	NNW	5	o/r	36	92	7	5750	SvCu	5	a SV	10	•
Lympne	992.4	+9	N	5	ors	36	92	6	800	Nb	10	-	10	•
Scilly (St. Mary's) ...	1002.9	+7	NNW	6	cps	41	85	8	4000	CuNb	8	-	8	6
Falmouth (Pendennis)	1001.0	+6	N	3	cps	37	92	7	4000	CuNb	6	a Cu	8	2
Plymouth (Cattewater)	1001.1	+8	-	0	b-	36	85	6	2500	SvCu	2	-	2	1
Portland Bill	999.5	+10	N	6	b-	37	85	7	-	-	0	Ci SV	2	3
Southampton (Calshot)	996.9	+9	N'W	5	b-	36	92	6	-	-	0	a Cu	2	6
Dungeness	991.2	+8	NNE	5	o/r	38	97	7	-	-	0	a SV	10	5
Jersey 7h } Guernsey 1h }	997.1	+5	NW	5	o/r	41	75	7	2500	SvCu	10	-	10	6

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 2nd °F.	Temperature. Max. Day 3rd °F.	Rainfall.† Night 18h.-9h. 2nd mm.	Rainfall.† Day 9h.-18h. 3rd mm.	Sunshine. Sunrise to 17h. 3rd hr.	Sunshine. Sunrise to Sunset 2nd hr.
Banff	hpbcs	bcpb	32	44	0.9	0.5	7.5	2.4
Montrose	bc	bc.c	31	43	-	0.2	8.5	4.6
Llandudno	0	c	32	44	-	-	1.3	5.3
Colwyn Bay ...	bc	bc	30	43	?	?	?	3.0
Rhyl	c	c.bc.c	29	44	-	-	2.5	1.5
Southport	bc.c	bcbcc	28	45	-	-	5.8	8.2
Blackpool	c.o	c	29	45	-	-	6.1	9.4
Harrogate	c.b.bpc	bc.c	27	42	-	0.1	2.1	5.5
Skegness	bc.c	o.c	27	45	-	-	0.0	7.2
Aberystwyth ...	o.oc	c.c.o	35	42	-	-	1.0	10.0
Bath	s.	s.r	32	35	5	11	0.0	6.1
Leamington Spa ...	os	os	29	36	0.2	4	0.0	6.4
Lowestoft	o.	ors	32	42	-	5	0.0	7.5
Felixstowe	omr	omrs	37	39	0.3	7	0.0	11.0
Southend	ors	ors	35	37	3	12	0.0	11.5

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 2nd °F.	Temperature. Max. Day 3rd °F.	Rainfall.† Night 18h.-9h. 2nd mm.	Rainfall.† Day 9h.-18h. 3rd mm.	Sunshine. Sunrise to 17h. 3rd hr.	Sunshine. Sunrise to Sunset 2nd hr.
Paignton	ors	orfq	40	51	19	6	0.0	0.0
Ilfracombe	ao	o.o	38	47	4	0.4	0.0	6.5
Bude	r	r.r	34	46	9	2	0.0	2.0
Penzance	od.c	c.od	39	47	5	0.5	0.0	0.0
Falmouth Observatory	obc	c.o	42	49	10	-	1.1	0.0
Torquay	rr	rr	40	50	19	5	0.3	0.3
Weymouth	r	opom	36	50	15	2	0.1	1.7
Bournemouth ...	r.r	r.r	33	42	8	5	0.0	1.0
Portsmouth (Southsea)	or	or	34	47	7	6	0.0	1.4
Worthing	r	r.o	33	47	8	10	0.0	4.2
Brighton	r	p	35	48	11	6	0.3	5.1
Eastbourne	r.ro	c.r.ro	37	50	10	9	0.3	3.6
Hastings	os.or	opcrm	35	47	8	8	0.0	4.1
Folkestone	or.o	ogog	?	?	3	9	0.0	4.8
Tunbridge Wells ...	os	or	33	37	6	11	0.0	4.2
Ramsgate	-	-	35	45	3	4	0.0	11.5
Margate	osr	or	35	42	3	4	0.0	11.6
Deal	or	r	36	46	6	4	0.1	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. 22049 Wednesday, 5th April 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	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1000·8	?	ENE	2	bc+	40	85	8	4000	CuNb	5	–	5	•
Stornoway	1001·5	+2	N	3	bc+	43	65	7	4000	Cu	6	–	6	•
Wick	1000·1	+3	NE	2	bcjp	41	85	8	2500	CuNb	3	Ci	4	•
Castlebay	1003·1	+1	NW	4	bc+	43	75	8	1500	Cu	6	–	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	999·9	+3	N'W	3	c+	39	75	8	4000	CuNb	7	ASt	8	•
Malin Head	1003·0	+2	N	2	bc-	44	97	8	4000	Cu	5	–	5	•
Renfrew	1001·1	+1	WNW	3	bc+	48	55	8	4000	StCu	6	–	6	•
Edinburgh (Inchkeith)	1001·1	+1	NNW	2	bc	45	65	8	–	Cu	6	–	6	•
Eskdalemuir	1001·1	+2	NW	2	o	41	55	8	4000	StCu	9	–	9	•
Tynemouth	999·8	+4	NE	3	So	40	85	8	4000	CuNb	3	CiCu	6	•
Blacksod Point	1005·2	+2	NW	2	bc	46	75	9	2500	Cu	6	–	6	•
Donaghadee	1003·3	+3	NW	2	bc-	41	75	8	4000	Cu	5	–	5	•
Birr Castle	1004·8	•	NW	1	c+	49	75	8	4000	Cu	7	–	7	•
Baldonnell	1004·3	+1	WNW	3	c+	46	65	8	2500	Cu	8	–	8	•
Holyhead	1003·7	+3	NW	4	bc	44	75	8	4000	Cu	4	–	4	•
Liverpool (Bidston)	1002·7	+3	NWW	3	b-	41	75	9	4000	StCu	2	Ci	3	•
Chester (Shotwick)	1001·9	+4	WNW	4	c+	45	65	8	4000	CuNb	3	ACu	7	•
Spurn Head	999·5	+5	NNW	5	pso	41	92	7	4000	CuNb	5	Ci	8	•
Nottingham	1003·7	•	N	3	c+	45	55	5	1500	CuNb	7	–	7	•
Cranwell	1000·9	+4	NW'N	5	bc+	45	55	8	1500	Cu	6	–	6	•
Gorleston	999·2	+4	NE'N	5	bc	44	75	7	4000	Cu	5	–	5	•
Pulham	998·6	+5	NW	4	c	45	65	8	4000	Cu	8	–	8	•
Valencia (Cahirciveen)	1007·4	+3	W'S	2	bc+	48	65	9	4000	Cu	2	CiCu	6	•
Roches Point	1006·1	+3	NW	3	c	50	75	9	4000	Cu	7	–	7	•
Pembroke (St. Ann's H.)	1005·8	+4	NW	3	b	44	75	8	4000	Cu	3	–	3	•
Ross-on-Wye	1003·5	+5	W	3	pbso	43	55	8	4000	CuNb	7	–	7	•
Benson	1002·3	+5	NW	4	c	44	55	7	–	Cu	–	–	7	•
S. Farnborough	1002·0	+5	NW	4	bc-	45	65	6	2500	Cu	6	–	6	•
London (Kew Obsy.)	1001·6	+5	NW	3	c	44	55	6	4000	Cu	7	–	7	•
Croydon	1002·3	+5	NNW	4	o	42	65	6	1500	StCu	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1000·1	+3	NNW	5	bc-	43	65	8	2500	Cu	6	–	6	•
Grain	1000·6	+6	NW	6	prso	38	92	8	2500	CuNb	9	–	9	•
Lympne	1000·1	+6	NW'W	5	cjp	43	75	6	4000	StCu	7	–	7	•
Scilly (St. Mary's)	1006·8	+5	NW'N	4	bc	50	92	8	4000	Cu	5	–	5	•
Falmouth (Pendennis)	1006·8	+7	NW	4	PH	47	75	8	4000	CuNb	6	–	6	•
Plymouth (Cattewater)	1007·0	+6	WNW	4	ojp	41	75	8	2500	St	9	–	9	•
Portland Bill	1005·2	+5	NW'N	6	bc	44	85	7	–	–	–	ASt	4	•
Southampton (Calshot)	1003·2	+5	NW'N	5	c+	45	75	8	4000	StCu	7	–	7	•
Dungeness	1000·2	+6	NNE	4	bc+	43	75	8	2500	Cu	5	–	5	•
Jersey	1004·7	+5	NW	4	b-	45	65	8	4000	StCu	3	–	3	•

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	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1002·9	+1	E	2	bc	37	92	8	4000	Nb	6	–	6	1
Stornoway	10													
Wick	1000·2	+3	NNE	2	s	37	97	8	4000	CuNb	9	–	9	0
Castlebay	1004·0	+1	NW	3	c	42	85	8	2500	Cu	7	–	7	3
Nairn	1002·5	*	Calm	–	bc	37	92	8	4000	CuNb	4	CiCu	6	•
Aberdeen	1001·9	+3	N	2	b-	39	75	8	4000	CuNb	3	–	3	0
Malin Head	1003·9	+1	WNW	2	bc	43	97	8	4000	Cu	5	–	5	1
Renfrew	1002·6	+1	W	3	ojp	45	65	8	4000	StCu	4	Ci	9	•
Edinburgh (Inchkeith)	1001·6	+1	NNE	4	cjp	40	75	8	–	CuNb	8	–	8	3
Eskdalemuir	1003·4	+2	NW	4	pso	36	75	7	2500	Nb	9	–	9	•
Tynemouth	1001·9	+3	E	1	b	42	75	8	4000	CuNb	2	–	2	1
Blacksod Point	1005·2	+1	NW	1	bc	45	75	9	–	Cu	5	–	5	0
Donaghadee	1004·5	+1	N	2	b-	47	75	8	4000	Cu	3	–	3	4
Birr Castle	1005·5	•	E	1	c+	46	85	7	4000	CuNb	4	Ci	8	•
Baldonnell	1005·9	+2	SW'S	3	c	47	75	8	4000	StCu	8	–	8	•
Holyhead	1005·5	+2	W'S	3	c+	45	75	9	4000	Cu	1	ACu	7	0
Liverpool (Bidston)	1004·7	+2	WNW	4	b	43	65	9	–	–	–	–	0	3
Chester (Shotwick)	1003·8	+2	W	3	b-	43	65	8	4000	Cu	1	–	1	•
Spurn Head	1003·0	+4	N	2	bc	40	92	7	4000	CuNb	3	Ci	4	3
Nottingham	1003·7	•	NE	2	bc-	44	55	5	1500	CuNb	3	Ci	4	•
Cranwell	1004·0	+4	ESE	4	o	40	75	5	1500	St	8	ASt	9	•
Gorleston	1002·9	+3	N'W	4	b	41	75	7	–	CuNb	2	ACu	3	2
Pulham	1003·5	+6	NW	3	bc-	40	75	8	4000	StCu	4	–	4	•
Valencia (Cahirciveen)	1006·5	–1	SSW	2	bc	47	75	9	4000	StCu	2	CiSt	6	0
Roches Point	1006·4	0	WSW	3	c	46	85	8	2500	StCu	8	–	8	3
Pembroke (St. Ann's H.)	1007·6	+1	NW	3	b	44	75	8	4000	Cu	2	–	2	5
Ross-on-Wye	1006·1	+4	SW	3	b-	38	85	9	4000	CuNb	3	–	3	•
Benson	1005·1	+4	NW	3	b	42	65	9	–	–	–	–	0	•
S. Farnborough	1005·4	+4	W'N	3	b	43	65	7	–	–	–	ACu	1	•
London (Kew Obsy.)	1005·3	+5	N	1	c	43	65	6	4000	StCu	7	–	7	•
Croydon	1005·5	+7	NW	3	o	43	65	6	4000	Cu	9	–	9	•
Clacton-on-Sea	1003·6	+5	NW	3	bc	43	75	7	4000	Cu	3	ACu	6	2
Shoeburyness	1004·6	+4	NW	2	roro	39	76	6	1500	StCu	8	–	8	•
Grain	1005·3	+6	Calm	–	ojp	38	85	8	2500	Cu	5	ASt	10	0
Lympne	1004·8	+6	Calm	–	c	38	85	6	1500	St	8	–	8	•
Scilly (St. Mary's)	1008·7	+1	WNW	2	b-	47	92	8	4000	Cu	1	–	1	4
Falmouth (Pendennis)	1009·8	+5	NW	3	bc-	46	75	8	4000	Cu	4	–	4	0
Plymouth (Cattewater)	1008·1	+3	WNW	3	bc-	44	65	6	2500	Cu	4	–	4	2
Portland Bill	[illegible]	+2	WNW	4	b	44	85	7	–	–	–	CiSt	2	5
Southampton (Calshot)	1006·1	+3	NW	3	b-	44	75	7	4000	Cu	1	–	1	0
Dungeness	1005·0	+7	Calm	–	c+	40	97	7	–	–	–	ASt	8	3
Jersey	1007·9	+2	WNW	4	b-	47	75	8	4000	StCu	1	–	1	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. 5th								Yesterday.		To-day.
Kew } 24 hours ended 0700	bcmezy	czycz	bzbcz	•	•	23	–	–	7·6	•	•
Croydon } 24 hours ended 0700	ocompz	ocz		•	•	26	0·1	–	3·3	•	•
Greenwich (Royal Obsy.)	c	cz	ciro bcmxs	45	31	23	trace		4·1	58	73
City (Bunhill Row)	•	•		•	•	•	•	•	6·0	•	•
Westminster (St. James' Pk.)	•	•	•	46	29	24			7·0	56	72
Regents Pk. (Botanical Gdns.)	•	•	•	•	•	•	•	•	7·3	•	•
Camden Sq. (Brit. Rainfall)	bz	bc	co	47	30	25	–	1	•	•	81
Kensington Palace	c.o	c	•	47	30	22	–	0·4		69 (18h.)	75
Hampstead Observatory	bc	rs	•	44	30	23	tr	1	6·8	•	84

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

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

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 4th 19 h. 45 m. to 5th 4 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8·45	8·22	96
δ Ursae Minoris	8·45	8·22	96

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
13h.	–	–	–	–
15h.	–	–	–	–
18h.	–	–	–	–
21h.	–	–	–	–

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 5th + 6th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·21 5·18	11·56 11·56	6·31 6·33
Greenwich	5·30 5·27	12·3 12·3	6·37 6·39
Wick	5·32 5·29	12·15 12·15	6·59 7·1
Valencia	6·11 6·8	12·44 12·44	7·17 7·19

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, 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.
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

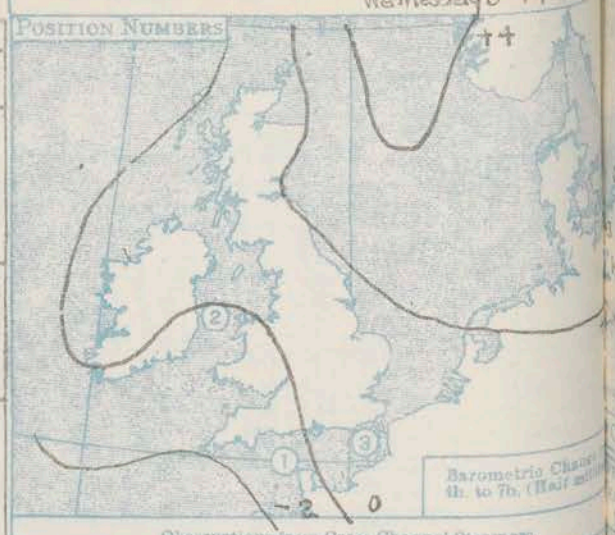
[1] For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 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	S or rS	S or rS	S or rS	bor bc	41	34	•	0·2	0·4	<0800	<2100	•
Stornoway	bor bc						•					
Wick	bor bc	opsh	ocpbc	c	42	28	•	0·4	0·3	1330	<2100	•
Castlebay	bor bc	pbc	cbcb	b	43	36	•	–	–	–	–	11·3
Nairn	*	iRsjp	cbc	bcx	43	29	•	2	–	1330	–	5·2
Aberdeen ...	bcp.h	bcp.h	b	bcp.s	44	31	27	0·1	–	0900	–	8·2
Malin Head	bor bc	bcp.	bcp.	bcp.	45	32	•	trace	0·1	1630	<2100	9·5
Renfrew ...	bcz.bc	bcvpsrsc	bbm	bm	49	23	14	trace	–	1530	–	9·2
Edinburgh: Inchkeith	c	c	c	b or bc	46	33	23	•	trace	–	–	8·8
Eskdalemuir	bc co	cpsq	cps	cpsq	44	18	12	trace	0·1	1330	<2100	6·4
Tynemouth	p.sq	p.s	mp.	p.mfe	44	31	26	trace	trace	<0800	<2100	•
Blacksod Point ...	c	b or bc	r or d	b or bc	48	40	•	–	–	–	–	•
Donaghadee	bcph	bcph	bc	bc	47	32	•	trace	–	0900	–	•
Birr Castle	cb	cap.r	cor r	or r.	50	37	34	trace	3	1430	<2100	6·7
Baldonnell	b or bc	c	c	or rm	48	34	29	0	2	–	1·30	10·2
Holyhead	bcphbc	bc b	cbcb	bcoir	47	31	33	0·4	0·4	1100	4·30	10·2
Liverpool (Bidston) ...	b or bc	b	bx		45	35	26	–	–	–	–	11·8
Chester (Shotwick) ...	bbcc	cbcb	bb	bbcmx	46	28	23	–	–	–	–	•
Spurn Head	S or rS	b or bc	b or bc	f or m	42	33	•	1	0·6	<0800	<2100	4·9
Nottingham	cm	p	b	bmx	47	28	25	trace	–	1330	–	6·3
Cranwell	cph	pr.	c	bcbm	47	29	24	trace	–	1100	–	8·8
Gorleston	bcphs	bcprs	cx	bmx	45	31	27	0·1	–	0900	–	?
Pulham	osoc	coprshbc	cbc	bcbm	46	28	20	0·4	–	1430	–	7·3
Valencia (Cahirciveen)	bbcpv	bcpv	bccp	ccjp	50	41	37	0·5	3	1100	2200	8·4
Roches Point	c	c	b or bc	cb	52	40	•	–	1	–	5·30	•
Pembroke (St. Ann's H.)	b or bc	b or bc	b or bc	b or bc	46	43	•	–	–	–	–	9·0
Ross-on-Wye	bbcc	copchbc	bvb	bbcxc	46	30	26	0·5	–	1230	–	8·5
Benson...	c	b	bcb	bcx	46	26	18	–	–	–	–	•
S. Farnborough ...	c	bcyb	bx	bx	49	26	19	–	–	–	–	8·5
London (Kew Obsy.) ...	bcmczy	czycz	bzbcz	bczbmx	46	31	23	–	–	–	–	7·6
Croydon	ocompz	ocz.	bmv	bbcmmx	46	31	26	0·1	–	12·30	–	3·3
Clacton-on-Sea ...	*	ocpbcprh	bcc	cbmx	45	32	26	1	–	0900	–	5·1
Shoeburyness	c	bbciRqcp	b bmx	crbcb	46	31	23	0·4	0·1	1430	<2100	6·2
Grain	c	obrsc	ocbb	bbxm	46	27	16	0·3	trace	1100	–	5·2
Lympne	omrcprsc	cprsphs	b or bc	b or bc	45	30	22	2	trace	<0800	–	4·9
Scilly (St. Mary's) ...	cbc	bc	c	c	51	42	•	0·1	–	<0800	–	9·2
Falmouth (Pendennis.)	cbcp	bcpb	bmv	bxcco	49	36	•	1	–	<0800	–	9·4
Plymouth (Cattewater)	p	c	b om		47	32	27	trace	–	1100	–	8·2
Portland Bill	b or bc	b or bc	bcb	bbc	45	36	•	–	–	–	–	•
Southampton (Calshot)	c	b or bc	b	bm	46	31	23	0	–	–	–	11·1
Dungeness	p	o	cx	b.bcx	46	30	•	0·3	1	<0800	<2100	•
Jersey	ocb	b	b or b	bc	48	33	•	–	1	–	2200	8·7

ISALLOBARS. Wednesday 5th April.

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	4th 0200	Arundel	NE	6	R	41	45
2	4th 1000	Hibernia	WNW	4	b	41	45

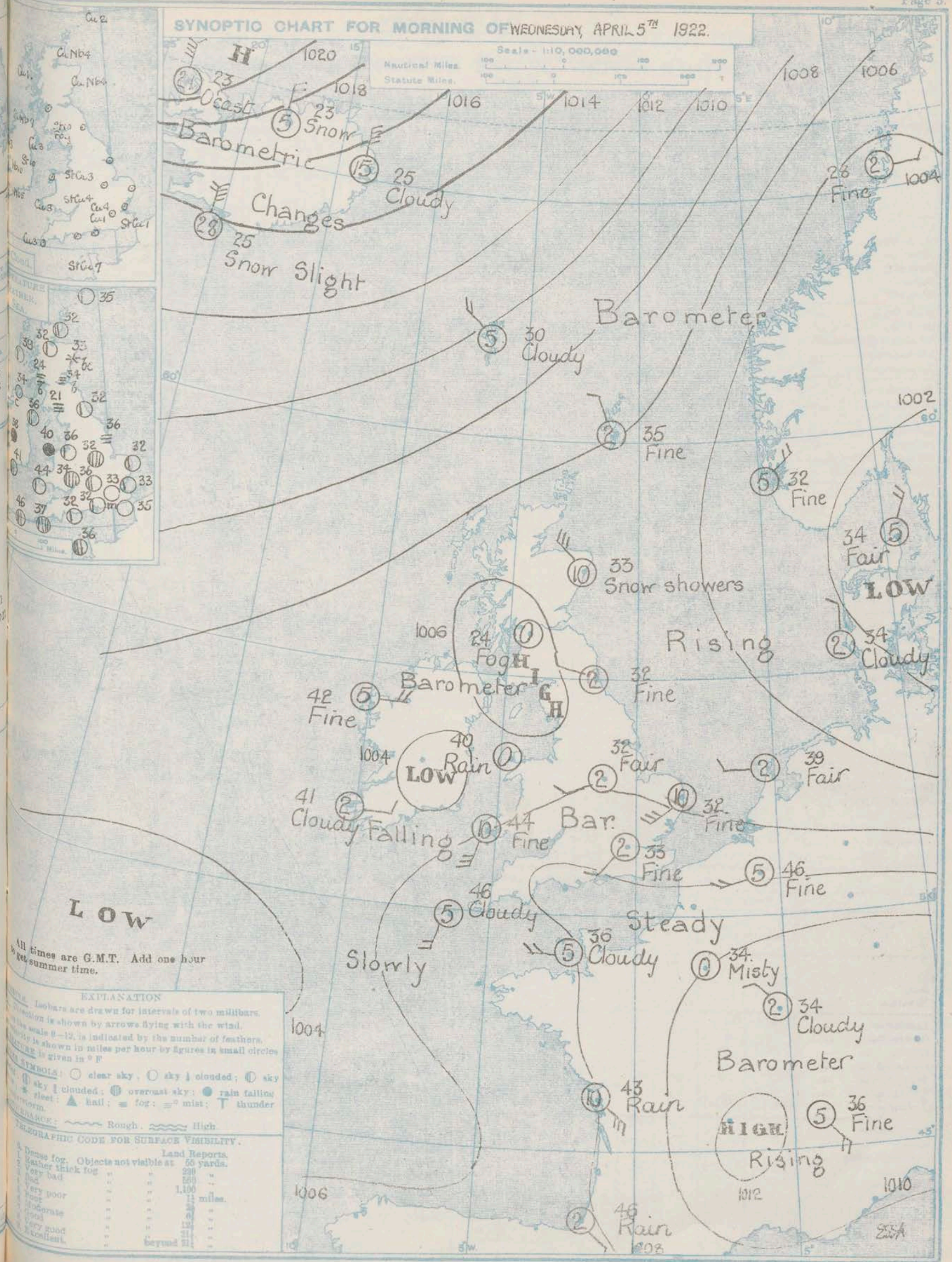
GENERAL INFERENCE.

The pressure distribution has become irregular over the British Isles and light indefinite winds with mainly fair weather are likely in all districts though local showers of rain or snow may occur. A new disturbance from the Atlantic will probably soon cause a renewal of unsettled weather in the Southern half of the British Isles.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday, 5th April, 1922.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light indefinite winds, freshening later from between South and East; mainly fair; visibility moderate; day temperature higher than of late but frost probable at night.	NONE ISSUED.
5. S.W. England 6. South Wales	Winds mainly between South and East, light to moderate; cloudy; rain or snow later; visibility moderate; temperature remaining low.	
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	Light indefinite or Easterly winds; variable cloud; local showers of rain, hail or snow; visibility moderate or good; cold.	
19. S.E. Ireland 20. S.W. Ireland	Wind mainly between S. and E; light or moderate; cloudy to dull, some rain later; visibility moderate or good; cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.40 GMT. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



M.M. Stationary Office Press, Kingsway, W.C.2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Wednesday, 5th April 1922. No. 95.

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	Sea. 0-9
Lerwick	1004.6	+1	ENE	1	b/s(a)	36	85	7	4000	Cu	2	-	2	*
Stornoway	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Wick	1003.6	+1	W	2	b/s(a)	31	97	8	4000	Cu	2	-	2	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1004.3	0	WNW	2	bc+	40	97	7	4000	CuNb	5	-	5	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1004.3	+2	NNW	2	bc-	36	85	7	-	StCu	4	-	4	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1004.2	0	W	1	b/f	33	97	6	-	-	0	-	0	*
Blacksod Point	1004.7	+1	E	2	c+	42	85	5	-	St	7	-	7	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	[illegible]	0	-	0	o+	37	92	8	1500	St	8	ASt	10	*
Holyhead	1005.7	0	SW'W	2	b-	*	*	8	-	-	0	ASt	2	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1004.6	+1	W	3	b	35	97	6	1500	St	2	-	2	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1006.6	+2	WSW	3	bc	33	85	6	2500	StCu	4	-	4	*
Gorleston	1004.4	0	WNW	2	b	33	85	7	-	-	0	Ci	1	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1005.1	0	NE	2	c/r	43	92	6	-	-	0	ACu	7	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1007.5	0	W	3	b	44	85	8	-	-	0	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	33	*	*	*	*	*	*	*	*
Croydon	1008.5	+2	WSW	2	b	35	85	6	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1007.9	+2	-	0	o	31	92	6	-	-	0	-	0	*
Scilly (St. Mary's)	1008.2	-1	W'S	1	b+	35	75	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1008.9	0	-	0	mb-	45	75	6	2500	St	2	-	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1008.1	+2	W'N	2	b-	42	85	7	-	-	0	-	0	*
Southampton (Calshot)	1008.1	+1	SW	2	b	32	92	8	-	-	0	-	0	*
Dungeness	1007.4	+1	NNW	2	b	34	97	7	-	-	0	-	0	*
Jersey 7h / Guernsey 1h	1010.4	+1	WSW	2	b-	28	85	8	5750	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
Lerwick	1006.2	+4	NNW	1	b-	35	85	8	5750	Cu	2	-	2
Stornoway													
Wick	1004.4	+1	WNW	1	bc	32	97	8	4000	CuNb	4	ASt	6
Castlebay	1005.6	0	NNW	2	b	39	75	8	2500	Cu	1	-	1
Nairn	1004.9	*	-	0	b-	32	75	8	4000	Cu	3	-	3
Aberdeen	1004.9	+1	NW	3	bcps	33	85	8	4000	CuNb	4	-	4
Malin Head	1005.1	0	WSW	1	cbr	34	97	8	4000	CuNb	7	-	7
Renfrew	1006.?	+1	-	0	mb-	24	97	4	-	-	0	ACu	1
Edinburgh (Inchkeith)	1005.5	+2	WSW	2	mb	34	92	4	-	StCu	1	-	1
Eskdalemuir	1006.4	+1	-	0	ffo	21	97	2	<150	St	10	-	10
Tynemouth	1004.9	+1	WNW	1	b/r	32	92	6	-	-	0	ACu	3
Blacksod Point	1004.8	+1	E	2	b	42	85	9	-	StCu	3	-	3
Donaghadee	1005.8	0	NNW	2	bc-	36	85	8	4000	Cu	3	ASt	4
Birr Castle	1003.4	*	NE	1	oror	38	97	6	800	Nb	10	-	10
Baldonnell	1005.3	0	ENE	2	orr	37	97	5	800	St	10	-	10
Holyhead	1005.6	0	-	0	oror	40	92	6	-	-	0	ASt	10
Liverpool (Bidston)	1005.6	0	SSW	1	b+	36	85	5	2500	St	2	ACu	3
Chester (Shotwick)	1005.0	0	E	1	c+	32	92	4	1250	StCu	3	ACu	8
Spurn Head	1005.0	+1	WNW	3	fb-	36	92	3	-	-	0	-	0
Nottingham	1006.5	*	WSW	1	bc	32	97	3	-	-	0	Ci	5
Cranwell	1006.5	0	W'S	3	b+	32	97	6	-	-	0	CiSt	1
Gorleston	1005.8	0	SW	3	b	32	75	4	-	-	0	ACu	1
Pulham	1006.2	0	SW	3	b	32	92	6	-	-	0	-	0
Felixstowe													
Valencia (Cahirciveen)	1004.3	0	E	1	c/p	41	92	9	2500	St	7	ACu	8
Roches Point	1004.8	-1	W	1	bc-	41	97	8	2500	Nb	5	-	5
Pembroke (St. Ann's H.)	1006.0	-1	SSW	3	b	44	75	8	4000	Cu	3	-	3
Ross-on-Wye	1006.9	0	SW	2	o+	34	85	6	5750	StCu	4	ASt	9
Benson	1007.6	*	-	0	bc	36	97	8	-	Cu	4	-	4
S. Farnborough	1007.4	0	W	1	b	32	85	6	-	Cu	1	ASt	2
London (Kew Obsy.)	1007.8	0	SW	1	mb-	33	92	4	-	-	0	ACu	3
Croydon	1008.1	0	WSW	1	bc	33	92	5	4000	StCu	2	ACu	4
Clacton-on-Sea	1006.6	0	WNW	3	b-	33	85	5	-	-	0	ASt	2
Shoeburyness	1007.1	0	-	0	b/m	36	75	4	-	-	0	Ci	1
Grain	1007.6	0	-	0	b	34	92	6	4000	StCu	1	-	1
Lympne	1007.4	0	WNW	1	b	33	97	6	5750	StCu	1	-	1
Scilly (St. Mary's)	1007.9	-2	SSW	2	c	46	75	8	4000	Cu	3	CiSt	8
Falmouth (Pendennis)	1007.4	-2	-	0	o+	37	97	6	-	-	0	ASt	10
Plymouth (Cattewater)	1007.3	-1	-	0	o-	34	85	8	1500	St	7	ASt	10
Portland Bill	1008.1	0	-	0	b+	42	85	7	-	-	0	Ci	2
Southampton (Calshot)	1008.2	-1	WNW	2	b+	34	97	6	-	-	0	Ci	3
Dungeness	1007.5	0	NW	2	b	35	97	7	-	-	0	-	0
Jersey 7h / Guernsey 1h	1007.8	0	W	2	c/r	36	85	8	4000	StCu	7	-	7

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

Stations	Weather Forenoon.	Weather Afternoon.	Temperature Min. Night 3rd-4th °F.	Temperature Max. Day 4th °F.	Rainfall.† Night 18h.-6h. 3rd-4th mm.	Rainfall.† Day 6h.-18h. 4th mm.	Sunshine Sunrise to 7h 4th hr.	Sunshine Sunrise to Sunset 3rd
Banff	b.bc	bc.b	30	44	1	-	9.5	8.3
Montrose	bc	bc	32	46	-	0.2	9.2	8.5
Llandudno	bc cr	bc.b	37	46	-	1	8.8	1.3
Colwyn Bay	bc	b	37	47	-	-	8.8	2.2
Rhyl	bc	b	37	45	-	-	9.7	2.5
Southport	b	b	32	45	-	-	10.7	5.8
Blackpool	bc	b	31	46	-	-	10.8	6.1
Harrogate								
Skegness	opsbc	obshbcb	29	45	0.5	0.2	6.2	0.0
Aberystwyth	cbs	b.bc	28	46	-	-	10.0	1.0
Bath	b	b.bc	34	46	1	-	8.6	0.0
Leamington Spa	cb	c.b	30	48	-	-	7.5	0.0
Lowestoft	bcc	bccbc	35	44	0.3	-	7.2	0.0
Felixstowe	bcm	bcm	35	46	1	2	6.0	0.0
Southend	bc	bc	34	47	2	-	7.0	0.0

Stations	Weather Forenoon.	Weather Afternoon.	Temperature Min. Night 3rd-4th °F.	Temperature Max. Day 4th °F.	Rainfall.† Night 18h.-6h. 3rd-4th mm.	Rainfall.† Day 6h.-18h. 4th mm.	Sunshine Sunrise to 7h 4th hr.	Sunshine Sunrise to Sunset 3rd
Paignton	bbc	bccp	34	48	9	-	6.8	0.0
Ilfracombe	b.bc	bc.b	36	45	-	-	9.1	0.0
Bude	b	b	35	47	5	-	8.7	0.0
Penzance	bc	bc	38	50	1	-	8.5	1.5
Falmouth Observatory	bc	bc	34	49	1	-	8.7	1.1
Torquay	b	b	33	48	1	-	6.6	0.3
Weymouth	bc	bccb	33	49	0.1	-	10.0	0.1
Bournemouth	b	b	34	48	1	-	9.3	0.0
Portsmouth (Southsea)	b	b	33	47	8	-	9.6	0.0
Worthing	bc	bc	35	48	11	-	9.1	0.0
Brighton	bc	bcb	36	47	13	-	7.8	0.3
Eastbourne	bc	bcp	36	48	20	0.1	6.3	0.3
Hastings	cbcc	cobcc	36	45	9	-	6.4	0.0
Folkestone	bc	bc	36	46	-	1	7.1	0.0
Tunbridge Wells	coc	coc	34	46	7	-	3.7	0.0
Ramsgate	bc	bc	36	46	2	1	5.2	0.0
Margate	ob	b.bc	30	43	0.4	0.3	3.8	0.0
Deal	cp	bc	38	45	5	1	4.2	0.1

* 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.22,050 Thursday. 6th APRIL 1922.

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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1006.9	0	NW	2	bc	42	85	8	5750	Cu	5	–	5	•
Stornoway	1007.5	+3	NE	3	c+	41	85	7	4000	Nb	8	–	8	•
Wick	1006.7	+3	NNE	2	b	41	85	8	5750	Cu	3	–	3	•
Castlebay	1007.5	+1	Calm	0	bc-	44	75	8	1500	StCu	6	–	6	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1006.3	+2	E	2	ps₀	42	75	8	4000	CuNb	8	–	8	•
Malin Head	1005.7	+1	N	1	b-	44	92	8	5750	Cu	3	–	3	•
Renfrew	1006.3	+2	SW	1	ffc	35	92	2	2500	StCu	7	–	7	•
Edinburgh (Inchkeith)	1007.1	+1	E	2	bc	45	65	8	–	Cu	2	CiSt	2	•
Eskdalemuir	1005.7	0	NE	2	c	43	55	7	2500	Cu	8	–	8	•
Tynemouth	1006.6	+1	N	2	b	43	85	8	4000	Cu	2	–	2	•
Blacksod Point	1007.6	~~2~~ +3	NNE	3	bc	47	65	9	–	CuNb	4	–	4	•
Donaghadee	1008.7	+1	NNE	2	bc+	44	75	8	4000	Cu	3	ACu	5	•
Birr Castle	1005.7	•	NE	1	o-	41	92	8	2500	Cu	9	–	9	•
Baldonnell	1006.3	+1	ENE	3	r₀r₀	37	97	5	800	Nb	10	–	10	•
Holyhead	1006.2	+1	ESE	2	rr	38	92	7	1500	St	10	–	10	•
Liverpool (Bidston)	1006.2	+1	ESE	1	d₀d₀	41	85	5	800	Nb	10	–	10	•
Chester (Shotwick)	1005.4	+1	SE	2	r+	42	85	6	1500	Nb	10	–	10	•
Spurn Head	1006.8	+1	W	3	c-	46	85	5	4000	Cu	3	Ci	7	•
Nottingham	1006.4	•	SW	3	o	46	65	6	1500	Nb	2	CiSt	10	•
Cranwell	1007.0	0	WNW	3	o	45	65	7	4000	St	5	ASt	10	•
Gorleston	1006.5	+1	NW	3	bc+	47	75	6	4000	Cu	5	–	5	•
Pulham	1006.7	0	W	3	c	48	55	8	5750	Cu	8	–	8	•
Valencia (Cahirciveen)	1006.7	+3	N'W	4	c+	48	75	9	1500	StCu	7	–	7	•
Roches Point	1005.7	+2	SW	3	PR	46	97	7	1500	CuNb	8	–	8	•
Pembroke (St. Ann's H.)	1005.2	-1	S	4	o	47	85	7	2500	St	10	–	10	•
Ross-on-Wye	1006.4	0	SW'S	3	bc●	49	55	8	4000	Cu	1	CiSt	6	•
Benson	1007.3	0	W	3	c-	50	45	8	–	Cu	5	Ci	7	•
S. Farnborough	1007.8	0	WSW	3	c+	51	55	8	4000	Cu	7	–	7	•
London (Kew Obsy.)	1007.3	0	SW	1	o	47	65	6	5750	CuNb	9	Ci	10	•
Croydon	1008.0	0	W'S	2	o	47	65	7	2500	StCu	6	ASt	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1007.4	0	W	1	r₀	47	65	7	1500	Cu	4	–	4	•
Grain	1008.1	0	WSW	2	o	46	65	6	4000	StCu	10	–	10	•
Lympne	1007.6	-1	WSW	5	cjp	45	75	8	4000	CuNb	5	ASt	8	•
Scilly (St. Mary's)	1007.1	+1	S	3	b	53	65	8	4000	Cu	3	–	3	•
Falmouth (Pendennis)	1007.8	0	S	3	bc-	52	85	8	4000	Cu	3	–	3	•
Plymouth (Cattewater)	1007.6	+1	S	3	bc	49	65	8	2500	Cu	4	–	4	•
Portland Bill	1008.1	0	S	4	b	50	85	7	–	–	–	–	–	•
Southampton (Calshot)	1008.3	0	SW'S	3	b-	49	55	8	4000	Cu	2	CiSt	3	•
Dungeness	1007.7	0	WSW	3	bc+	48	75	8	5750	Cu	3	Ci	5	•
Jersey	1007.9	0	SE	3	o	46	75	8	1500	St	10	–	10	•

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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1007.7	0	NW	2	ps₀	37	97	8	4000	CuNb	6	–	6	1
Stornoway	1008.2	+2	NE	2	bc-	41	75	7	4000	Cu	4	–	4	1
Wick	1007.8	+1	E	1	b	40	85	8	4000	Cu	2	Ci	3	0
Castlebay	1008.8	+1	NNW	2	b-	43	75	8	2500	Cu	2	–	2	2
Nairn	1008.0	•	ENE	1	bc-	39	75	8	4000	Cu	2	ACu	4	•
Aberdeen	1008.4	+2	Calm	0	b-	38	75	7	4000	CuNb	2	–	2	0
Malin Head	1008.0	+2	N	2	b+	44	97	8	4000	Cu	3	–	3	1
Renfrew	1007.4	+2	SSE	3	c	40	75	6	5750	CuNb	6	Ci	8	•
Edinburgh (Inchkeith)	1007.8	+1	E	2	b	42	75	8	–	StCu	2	Ci	3	3
Eskdalemuir	1007.7	+2	ENE	1	cjp	37	75	7	2500	CuNb	6	CiSt	7	•
Tynemouth	1007.4	+2	NE	2	bc+	40	97	8	4000	Cu	2	CiCu	4	1
Blacksod Point	1009.5	+2	NW	2	b	46	85	9	–	Cu	3	–	3	0
Donaghadee	1007.8	+1	NNE	2	b-	44	65	8	4000	Cu	2	ACu	3	0
Birr Castle	1007.6	•	NW	1	c-	45	85	7	2500	Cu	7	–	7	•
Baldonnell	1008.1	+1	Calm	0	b-	41	85	8	2500	StCu	2	Ci	3	•
Holyhead	1007.0	+2	NE'E	3	bc	40	85	8	2500	St	1	ACu	6	1
Liverpool (Bidston)	1006.4	+1	SE	1	d₀d₀	38	97	2	450	Nb	10	–	10	1
Chester (Shotwick)	1005.8	+1	NE	2	o	36	92	5	1500	St	10	–	10	•
Spurn Head	1006.8	0	E	2	o	42	92	5	1500	St	9	–	9	
Nottingham	1007.1	•	S	1	RR	39	92	5	1500	Nb	10	–	10	•
Cranwell	1007.7	+1	W	2	r₀+	40	85	6	1500	Nb	10	–	10	•
Gorleston	1007.8	0	SW	3	o	42	75	6	5750	Nb	3	CiSt	10	0
Pulham	1007.9	+2	WSW	1	rr	42	85	6	800	Nb	10	–	10	•
Valencia (Cahirciveen)	1010.2	+4	N	3	b-	46	65	9	4000	Cu	2	–	2	0
Roches Point	1008.1	+3	NW	2	bc-	46	85	8	1500	CuNb	4	–	4	3
Pembroke (St. Ann's H.)	1006.8	+1	WSW	4	o	44	92	7	2500	St	10	–	10	4
Ross-on-Wye	1006.7	0	W	2	r-	42	85	7	2500	Nb	10	–	10	•
Benson	1006.6	-1	WSW	3	c+	48	55	8	–	–	–	CiSt	7	•
S. Farnborough	1007.3	+1	SSW	3	b-	49	65	8	5750	StCu	1	ACu	3	•
London (Kew Obsy.)	1007.3	+0	SSW	1	c-	49	65	5	5750	CuNb	4	ACu	8	•
Croydon	1008.1	+2	SSW	3	o	46	65	6	4000	StCu	6	Ci	9	•
Clacton-on-Sea	1007.8	0	ESE	1	c	43	92	6	–	StCu	7	–	7	1
Shoeburyness	1007.8	0	E	1	o	42	85	7	2500	StCu	7	ACu	2	•
Grain	1008.1	0	E	1	o	42	85	6	4000	StCu	10	–	10	0
Lympne	1008.6	+1	SW'S	3	bc	43	75	7	4000	StCu	6	–	6	•
Scilly (St. Mary's)	1008.8	+2	W'S	3	c+	48	65	8	4000	StCu	8	–	8	4
Falmouth (Pendennis)	1009.2	+2	WSW	3	bc+	48	85	8	4000	Cu	5	–	5	0
Plymouth (Cattewater)	1009.8	+4	SW	3	cjp	47	75	8	5750	CuNb	8	–	8	1
Portland Bill	1008.1	0	SSW	3	b+	46	85	7	–	–	–	CiCu	3	0
Southampton (Calshot)	1008.6	+1	SW'W	3	b	45	65	8	–	–	–	ACu	1	0
Dungeness	1007.9	0	W	3	b	45	85	8	–	–	–	–	–	3
Jersey	1007.9	0	SE	2	b	49	65	8	–	–	–	–	–	0

24 Hours ended 0900 G.M.T. 6th (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 (24 hours ended 0700)	bmvoz	ozcycz	cz	•	•	37	-	3	5.4	•	•
Croydon (24 hours ended 0700)	bcomz r₀	oyz	ozmr₀	•	•	36	Tr.	1	5.0	•	•
Greenwich (Royal Obsy.)	bbcz	cop	bcor	51	37	33	03	4	5.1	56	86
City (Bunhill Row)	•	•	•	•	•	•	•	•	1.9	•	•
Westminster (St. James' Pk.)	•	•	•	50	38	35	5		4.9	73	80
Regents Pk. (Botanical Gdns.)	•	•	•	•	•	•	•	•	3.1	•	•
Camden Sq. (Brit. Rainfall)	o.c	ocm	•	51	37	36	03	6	•	•	85
Kensington Palace	c.o	o	•	51	37	37	01	5	•	57 (18h.)	88
Hampstead Observatory	•	•	•	49	35	32	1	5	5.3	•	91

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

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 5th 19 h. 45 m. to 6th 04 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8.45	1.22	16
δ Ursæ Minoris	8.45	0.55	10

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
0h.	-	-	-	-
6h.	-	-	-	-

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

6th & 7th APRIL 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.18 5.15	11.56 11.55	6.33 6.35
Greenwich	5.27 5.25	12.3 12.2	6.39 6.40
Wick	5.29 5.26	12.15 12.14	7.1 7.3
Valencia	6.8 6.5	12.44 12.43	7.19 7.21

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.

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

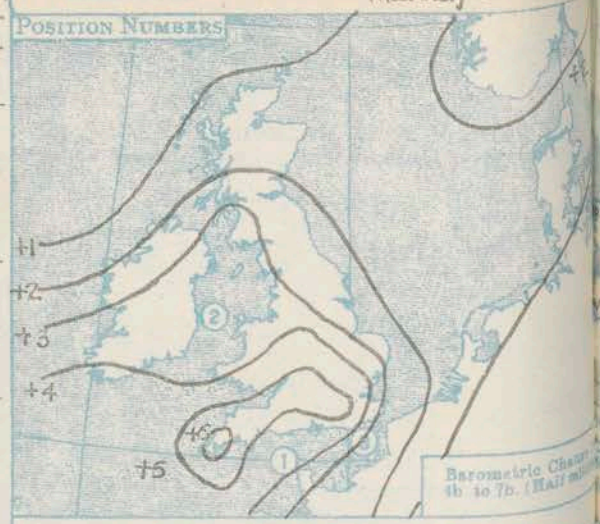
[1] For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 5th	18h.-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	b-bc	s-rs	b or bc	b or bc	43	32	•	0·2	0·2	09.00	<2100	*
Stornoway	bc	c	b or bc	b	44	29	•	–	-	-	-	5·8
Wick	cpdoh	b-bc	bepo	b or bc	42	29	•	0·2	0·3	<0800	2200	*
Castlebay	boc	cb	b	b	44	35	•	–	-	–	-	7·8
Nairn	b bc		bex	bex	45	26	•	–	-	–	-	8·7
Aberdeen	bepso	cbcb	bbm	bmx	45	28	20	0·2	-	<0800	-	6·7
Malin Head ...	b-bc	po	b or bc	bepo	45	35	•	–	0·1	–	5·30	9·7
Renfrew	ombgs	oiro	bebmx	bfx	45	22	14	0·2	-	17.30	-	1·8
Edinburgh: Inchkeith	b-bc	b-bc	c	b or bc	47	33	28	–	-	–	-	11·1
Eskdalemuir	ofeobc	cpso	cbcb	bbex	46	17	12	trace	-	13.30	-	5·5
Tynemouth	bc	b-bc	bbem	bbem	44	30	25	–	-	–	-	*
Blacksod Point ...	b-bc	b-bc	b or bc	p	49	30	•	0·1	2	–	2400	*
Donaghadee	bc	bc	bc	bc	46	33	•	–	-	–	-	*
Birr Castle	forc	co	co	cobex	46	27	20	0·2	-	<0800	-	3·4
Baldonnell	osm	omcb	cbcb	bx	41	29	24	8	-	<0800	-	2·1
Holyhead	omgorrf	orrcbc	bcb	c	42	38	30	7	<08.00		-	1·0
Liverpool (Bidston) ...	bcodm	ord	bem		45	36	29	3	0·2	12.30	<2100	0·1
Chester (Shotwick) ...	czorrmo	orrom	oidrrom	obcorv xm	46	32	26	10	0·5	12.30	<2100	*
Spurn Head	f-m	c	oo	b or bc	48	30	•	-	-	-	-	7·3
Nottingham	c	oo	RS	mb	47	33	31	2	7	15.30	<2100	2·4
Cranwell	cpro	proro	rs	obcmb	46	31	26	trace	4·0	11.00	<2100	4·8
Gorleston	b-bc	bcc	orrs	orrsd	48	33	32	–	12	–	<2100	?
Pulham	c	cbccor	ooro	ooro	49	33	32	0·1	7	16.30	<2100	7·2
Valencia (Cahirciveen)	copbc	cvcbv	bv	bbx	50	31	27	1	0·5	<0800	6.30	9·1
Roches Point	p	cpbc	bo	ob	49	37	•	7	-	1100	-	*
Pembroke (St. Ann's H.)	cqph	oo	c	b or bc	47	37	•	1	1	12.30	<2100	2·7
Ross-on-Wye	cbcc	cbccor	rorr	ocmbm	50	35	30	0·3	2	17.30	<2100	5·1
Benson...	bc	c	cmr	rom	53	36	36	–	2	–	2200	*
S. Farnborough ...	bcc	cybcyby	bom	rrom	54	37	36	–	0·2	–	2400	10·1
London (Kew Obsy.) ...	bmwoz	ozcycz	cz	orom	51	37	37	–	3	–	2400	5·4
Croydon	bcomp	oyz	ozmro	omro	49	37	36	trace	1	11.00	2400	5·0
Clacton-on-Sea ...	bcorc		cogr	ogrog	49	36	36	3	3	15.30	<2100	8·1
Shoeburyness	bmxcro	ciro	o	oirom	49	36	31	1	4	1330	–	4·9
Grain	bmxopro	oipo	o	oPRo	49	35	28	0·1	3	14.30	1.30	4·2
Lympne	c	oproc	b or bc	rod	47	36	34	0·1	1	13.30	1.30	5·9
Scilly (St. Mary's) ...	bc	c	opbc	b	53	42	•	–	0·4	–	<2100	8·0
Falmouth (Pendennis)	ombcb	bbc	bcor	cmpo	54	41	•	–	2	–	<2100	7·2
Plymouth (Cattewater)	b-bc	b-bc						–		–		
Portland Bill	bcb	bbc	bc.c	c	47	36	•	–	-	–	-	*
Southampton (Calshot)	bmby	b-bc	bbcopo	op	50	39	36	–	0·5	–	1·30	11·7
Dungeness	b-bc	b-bc	c	rod	49	35	•	–	2	–	3.30	*
Jersey	cbco	ccb	b	boro	50	35	•	–	0·6	–	4·30	3·0

ISALLOBARS. Thursday 6TH APRIL.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	5th 1000	Hibernia	E	3	or	41	45
3	5th 0200	Dieppe	NW	2	bc	42	45
3	6th 0200	Arundel	W	2	bc	45	45

GENERAL INFERENCE.

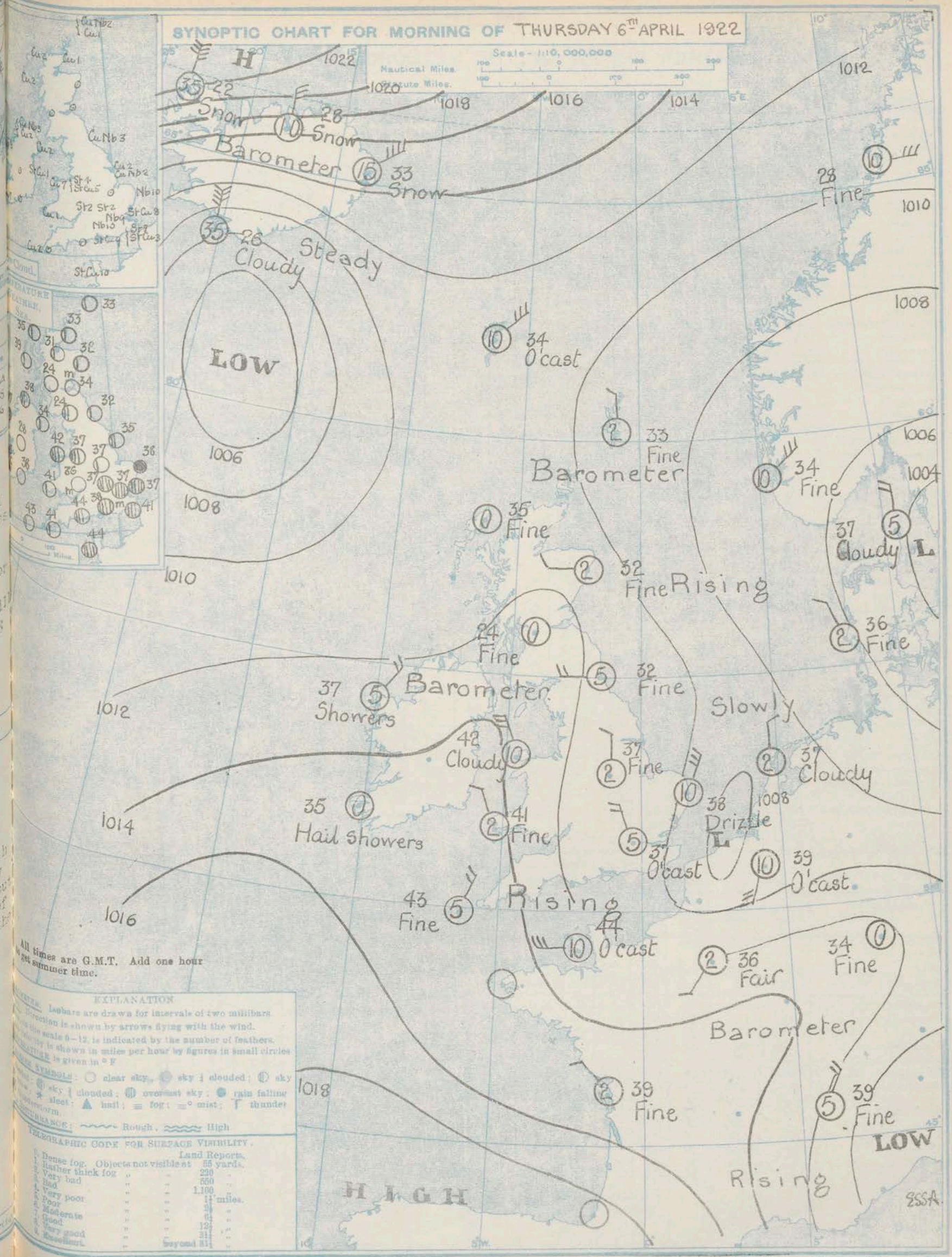
Pressure is rising in all districts of the British Isles and winds will be light generally with mainly fair weather but some local rain or hail showers Temperature will remain rather low but will be higher than of late during the day

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 6th April, 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 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	Light winds mainly from between North and West Fair generally but local rain or hail showers. Visibility moderate to good apart from morning mist. Day temperature higher than of late but frost in places at night.	Unsettled with generally low temperature but warmer than of late during the day.

M.N.S.

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. Edinburgh. 8-6-1

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Thursday 6th APRIL 1922. No. 96

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	1008·2	+2	N	2	b-	35	97	7	4000	Cu	2	-	2	*
Stornoway	1010·9	+2	-	0	b-	*	*	7	*	*	*	*	*	*
Wick	1009·3	+1	WNW	1	b/r	34	97	8	-	-	0	-	0	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1010·9	+2	NW	1	bc	42	92	8	4000	Cu	4	-	4	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1010·5	+3	NE	2	c+	36	85	8	-	StCu	8	-	8	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1010·1	+2	NW	2	b	34	85	6	-	-	0	-	0	*
Blacksod Point ...	1012·5	+2	E	1	cpr	39	92	7	-	Nb	8	-	8	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1011·7	+3	SW	1	b	31	97	8	-	-	0	-	0	*
Holyhead	1009·4	+2	NW	4	c+	*	*	8	1500	StCu	6	ACu	8	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1008·3	+1	SSW	2	o	39	92	7	1500	StCu	9	-	9	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Granwell	1009·2	+1	NE'E	2	o/s(h)	32	97	6	800	St	10	-	10	*
Gorleston	1008·4	0	ENE	3	o/s/s	35	97	6	4000	Nb	10	-	10	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1013·0	+4	N	3	bc	42	85	6	-	Cu	4	-	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1010·5	+2	NNW	2	b-	39	85	8	4000	Cu	2	-	2	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1008·7	0	WSW	2	o/r	41	92	6	2500	StCu	7	ACu	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1008·9	0	-	0	or	38	92	7	1500	Nb	10	-	10	*
Scilly (St. Mary's) ...	1010·5	+1	NW	4	b	46	85	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1010·9	0	WSW	4	or	43	92	7	2500	Nb	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1007·5	?	SW	5	bc+	46	85	7	-	-	0	ACu	6	*
Southampton (Calshot)	1008·9	0	W'S	3	o/r	44	85	8	1500	St	10	-	10	*
Dungeness	1008·6	0	W	3	c+	42	97	8	-	-	0	ACu	7	*
Jersey 7h / Guernsey 1h	1011·3	+3	SW	3	b	39	85	8	-	-	0	ASt	3	*

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	1009·6	+1	N'W	1	b	33	97	7	4000	CuNb	3	-	3	0
Stornoway	1010·4	+1	-	0	b-	35	75	8	4000	Cu	2	-	2	0
Wick	1010·2	+1	W	1	b	33	97	8	4000	Cu	1	Ci	2	0
Castlebay	1010·9	0	WNW	2	b	39	92	8	2500	Cu	2	-	2	*
Nairn	1011·0	*	-	0	b-	31	85	8	-	-	0	Ci	2	*
Aberdeen	1011·2	+1	W	1	b	32	85	5	-	-	0	ACu	1	0
Malin Head	1011·9	+1	W	1	bc-	38	97	8	4000	CuNb	5	-	5	*
Renfrew	1012·5	+3	-	0	b	24	97	3	-	-	0	-	0	*
Edinburgh (Inchkeith)	1012·1	+2	W	2	mmb	34	97	5	-	-	0	-	0	*
Eskdalemuir	1013·0	+3	-	0	bc+	24	92	8	2500	StCu	4	-	4	*
Tynemouth	1011·8	+2	W	2	b	32	85	6	4000	CuNb	3	-	3	0
Blacksod Point ...	1013·3	+1	NE	2	cpr	37	97	9	-	Nb	9	-	9	0
Donaghadee	1013·5	+2	WNW	1	b-	34	85	8	4000	Cu	2	-	2	*
Birr Castle	1013·5	*	E	1	b-	28	97	7	-	-	0	-	0	*
Baldonnell	1014·4	+3	SW'S	2	b-	33	97	8	4000	StCu	1	-	1	3
Holyhead	1012·8	+3	NNW	3	c	42	85	8	2500	Cu	7	-	7	*
Liverpool (Bidston) ...	1012·8	+3	W	1	c	37	92	5	2500	Cu	8	-	8	*
Chester (Sholwick) ...	1011·4	+4	-	0	o+	33	97	6	2500	StCu	9	-	9	*
Spurn Head	1010·9	+2	N	3	bc	35	85	8	4000	Cu	4	-	4	3
Nottingham	1012·4	*	N	1	b-	37	85	3	-	-	0	Ci St	3	*
Granwell	1012·0	+3	NW'N	3	b/m	32	97	6	-	-	0	ACu	1	*
Gorleston	1009·5	0	NNE	3	od	38	92	5	4000	Nb	10	-	10	*
Pulham	1009·9	+2	NNW	3	o	35	97	5	4000	StCu	10	-	10	*
Valencia (Cahirciveen)	1015·1	+4	-	0	cpr	35	92	9	2500	Cu	7	-	7	0
Roches Point	1015·0	+2	NNW	2	b	38	92	7	-	-	0	-	0	0
Pembroke (St. Ann's H.)	1014·1	+3	NNW	1	b	41	85	8	4000	Cu	1	-	1	*
Ross-on-Wye	1012·8	+4	NNW	1	mmb	36	85	5	800	St	2	-	2	*
Benson...	1011·8	+5	N	3	o/r	37	97	5	-	St	10	-	10	*
S. Farnborough ...	1010·9	+4	N	3	o	38	85	6	1500	Nb	10	-	10	*
London (Kew Obsy.)...	1011·4	+5	NNW	2	mmo	37	92	6	1500	Nb	9	A St	10	*
Croydon	1011·4	+5	NW'N	3	o/r	37	97	5	800	Nb	10	-	10	0
Clacton-on-Sea ...	1009·9	+2	N	3	o/r	37	92	6	2500	St	10	-	8	*
Shoeburyness	1010·0	+1	NNE	3	c/r	37	85	6	2500	StCu	8	-	10	0
Grain	1010·3	+4	NNW	4	o/r	37	97	7	2500	St	10	-	10	*
Lympne	1009·5	+1	WNW	4	o+	38	92	6	1500	St	10	-	10	0
Scilly (St. Mary's) ...	1014·1	+4	N'E	2	b	43	85	8	4000	Cu	2	-	2	3
Falmouth (Pendennis)	1014·0	+6	N	2	b+	41	92	7	-	-	0	Ci St	2	0
Plymouth (Cattewater)														
Portland Bill	1011·8	+4	NW	5	c	44	85	7	-	-	0	ACu	7	4
Southampton (Calshot)	1011·1	+4	N'W	5	o/r	41	85	7	4000	StCu	9	-	9	0
Dungeness	1009·3	+2	NW	3	c	41	97	7	2500	Cu	8	-	8	3
Jersey 7h / Guernsey 1h	1012·5	+1	W	3	o/r	44	92	8	4000	StCu	10	-	10	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 4th	Temperature. Max. Day 5th	Rainfall.† Night 18h.-9h. 4th-5th	Rainfall.† Day 9h.-18h. 5th	Sunshine. Sunrise to 12h. 5th	Sunshine. Sunrise to Sunset 4th
			°F.	°F.	mm.	mm.	hr.	hr.
Banff	bc	bcb	31	43	2	-	7·7	10·5
Montrose	bc	cp	29	42	-	0·4	4·6	9·3
Llandudno	o	r	32	45	-	7	0·0	10·0
Colwyn Bay ...	bcc	rs	36	42	-	11	0·1	10·3
Rhyl...	cbcm	rcbc	31	46	0·1	8	1·5	9·7
Southport	oco	odo	34	44	-	0·2	0·9	12·0
Blackpool	c	o	32	45	-	-	0·9	12·0
Harrogate	bbc c	bccop	28	49	2	-	6·6	9·6
Skegness	xmb	bco	29	45	0·2	-	6·5	6·7
Aberystwyth ...	roc	ror	34	45	8	4	1·2	‡10·0
Bath	b	bbc	28	53	-	-	9·3	9·3
Leamington Spa ..	o	o	27	45	0·5	-	1·2	7·6
Lowestoft	bbc	bco	30	49	-	-	7·8	7·9
Felixstowe	bz	om	31	49	-	-	8·3	6·3
Southend	b	or	31	47	1	3	5·0	7·0

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 4th	Temperature. Max. Day 5th	Rainfall.† Night 18h.-9h. 4th-5th	Rainfall.† Day 9h.-18h. 5th	Sunshine. Sunrise to 12h. 5th	Sunshine. Sunrise to Sunset 4th
			°F.	°F.	mm.	mm.	hr.	hr.
Paignton	bcf	bbc	28	53	-	-	8·5	7·1
Ilfracombe	cbbc	bcco	37	51	-	-	7·1	10·3
Bude	b	bc	36	54	-	-	4·5	8·9
Penzance	cbc	bcb	37	52	-	-	7·6	8·6
Falmouth Observatory	b	bcb	34	53	-	-	7·5	9·7
Torquay	b	b	33	51	-	-	8·5	7·4
Weymouth	bcb	b	30	52	-	-	10·2	11·0
Bournemouth ...	b	b	29	50	-	-	10·1	10·5
Portsmouth (Southsea)	b	b	29	51	-	-	10·6	10·4
Worthing	b	b	29	51	-	-	11·0	9·3
Brighton	b	b	31	49	-	-	10·6	8·3
Eastbourne	b	b	31	50	-	-	11·4	6·3
Hastings	b	bbcb	32	47	-	-	11·2	6·4
Folkestone	bbc	bcc	35	49	8	-	7·0	7·1
Tunbridge Wells ...	bbc	ocbc	28	51	-	-	7·4	3·7
Ramsgate	b	b	35	50	1	-	5·9	5·2
Margate	b	op	33	46	-	0·1	5·9	3·8
Deal	bbc	pcbc	31	48	-	trace	7·7	4·2

* 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 2205. FRIDAY 7th APRIL 1922. Page 1.

Stations	0700 Barom. at M.S.L. m.b.	0700 Change in 3 Hours.†	0700 Wind Direc.	0700 Wind Force 0-12	0700 Weather	0700 Temp. °F.	0700 Humidity %	0700 Visibility‡ 0-9	0700 Height of Low Cloud Feet	0700 Low Cloud Form	0700 Low Cloud Amt. 0-10	0700 Upper Form	0700 Total Amt. 0-10	0700 Sea 0-9	1800 Barom. at M.S.L. m.b.	1800 Change in 3 Hours.†	1800 Wind Direc.	1800 Wind Force 0-12	1800 Weather	1800 Temp. °F.	1800 Humidity %	1800 Visibility‡ 0-9	1800 Height of Low Cloud Feet	1800 Low Cloud Form	1800 Low Cloud Amt. 0-10	1800 Upper Form	1800 Total Amt. 0-10	1800 Sea 0-9
Lerwick	1010.6	+1	N	1	bc	40	85	7	4000	CuNb	6	–	6	*	1010.9	*	–	0	bcpG	36	97	7	4000	CuNb	6	–	6	0
Stornoway	1010.7	0	SE	3	bc+	44	75	8	4000	Cu	6	–	6	*	1005.6	-3	SE	3	c|r	41	85	7	4000	Nb	7	–	7	2
Wick	1010.5	-1	S	2	c	43	85	8	4000	Cu	8	–	8	*	1001.6	0	S	2	cr₀	38	97	8	1500	St	4	ACu	7	0
Castlebay	1011.1	0	WNW	3	b	45	65	8	2500	Cu	3	–	3	*	1009.7	0	W	3	bc	48	75	8	2500	CuNb	3	–	3	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.2	*	–	0	c	42	75	8	4000	Cu	4	ASt	7	*
Aberdeen	1011.6	3	NWN	2	bc+	46	55	7	4000	Cu	4	–	4	*	1010.7	-1	S	2	b-	41	75	6	4000	StCu	1	–	1	0
Malin Head	1012.1	0	W	1	bc	44	97	3	4000	Cu	5	–	5	*	1011.0	-2	NNE	1	bc	43	97	8	4000	CuNb	4	–	4	0
Renfrew	1012.3	0	WSW	3	c|r	50	45	6	4000	Cu	7	–	7	*	1011.1	-2	WSW	2	c|r	45	65	6	2500	StCu	6	–	6	*
Edinburgh (Inchkeith)	1013.6	-1	WSW	1	b|f	46	65	7	–	Cu	2	–	2	*	1010.5	-2	WNW	3	bc|f	44	65	7	–	Cu	2	ACu	4	2
Eskdalemuir	1012.1	0	SW	2	c	44	55	7	2500	Cu	7	–	7	*	1012.3	-1	–	0	c|p	37	75	8	2500	CuNb	8	–	8	*
Tynemouth	1012.7	+1	SE	2	bc	44	75	7	4000	Cu	4	–	4	*	1012.1	0	S	2	b	41	85	6	2500	St	3	–	3	1
Blacksod Point	1013.1	+1	W	4	bc	46	65	9	4000	Cu	5	–	5	*	1010.6	-2	W	1	bc	47	75	9	4000	Cu	5	–	5	0
Donaghadee	1014.2	+1	ESE	1	c+	44	65	8	4000	Cu	7	–	7	*	1012.5	-2	WSW	1	bc+	45	75	7	4000	CuNb	2	ACu	5	0
Birr Castle	1014.0	*	SW	1	c+	49	75	8	4000	StCu	7	–	7	*	1011.5	*	SW	1	c+	48	75	7	4000	StCu	5	CiCu	8	*
...onnell	1014.3	0	SW	1	c+	[illegible]	75	8	4000	Cu	7	–	7	*	1012.7	-2	S'E	1	o	45	75	8	2500	StCu	9	–	[illegible]	*
Holyhead	[illegible]	+2	WNW	3	b-	46	75	9	3500	Cu	1	–	1	*	1013.3	-2	SSW	2	bc+	43	75	9	4000	StCu	1	CiSt	6	0
Liverpool (Bidston)	1014.2	+1	W'N	2	bc	43	75	6	4000	StCu	4	–	4	*	1013.1	-1	WNW	2	b	43	65	9	–		0	CiSt	1	2
Chester (Shotwick)	1013.1	+1	WNW	4	b	43	65	8	2500	Cu	3	–	3	*	1012.2	-1	NW	3	bc+	42	75	8	4000	StCu	1	Ci	4	*
Spurn Head	1014.1	+4	E	2	b	50	97	8	1000	Cu	1	–	1	*	1013.4	-1	ESE	4	b	40	92	8	–	–	0	–	0	3
Nottingham	1013.6	*	SW	1	o+	46	65	6	800	CuNb	9	–	9	*	1013.7	*	SSE	1	b-	40	85	4	–	–	0	CiSt	1	*
...well	1014.3	+2	W	3	c	46	65	8	2500	Cu	6	–	6	*	1014.8	+1	SSE	3	opr₀	41	85	8	2500	StCu	9	–	9	*
...leston	1013.5	+1	NE	3	b	43	65	7	5750	Cu	3	–	3	*	1014.5	+1	NE	2	b	40	75	8	–	–	0	–	0	0
...ham	1013.1	+4	N	3	cpr₀	42	85	8	2500	Nb	7	–	7	*	1014.7	+2	SE'E	2	b-	40	85	8	2500	CuNb	3	–	3	*
Valencia (Cahirciveen)	1014.5	-2	NWN	1	c+	48	65	9	4000	Cu	2	CiSt	7	*	1010.4	-5	S'E	2	o+	47	65	9	4000	StCu	2	ASt	10	0
Roches Point	1015.1	0	SSW	3	o+	48	85	8	2500	Cu	9	–	9	*	1011.7	-5	SSE	3	o	45	92	8	1500	StCu	2	CiSt	10	3
Pembroke (St. Ann's H.)	1016.0	+1	W	2	b	46	75	8	4000	Cu	2	Ci	3	*	1014.4	-3	W	2	c+	45	75	8	4000	Cu	3	Ci	6	3
Ross-on-Wye	1014.4	+1	WSW	3	bc	49	55	8	3750	Cu	4	–	4	*	1013.3	0	SW	3	bc-	45	65	7	4000	CuNb	4	Ci	6	*
...on	1014.6	+2	NW	1	c-	47	55	6	–	StCu	7	–	7	*	1014.1	-1	–	0	c-	43	85	5	–	StCu	3	CiSt	7	*
South Farnborough	1014.6	+4	WNW	2	c	46	65	6	4000	~~Cu~~	~~10~~ 8	–	10	*	1014.5	0	–	0	fo	~~43~~	65 5	3	5750	StCu	10	–	10	*
London (Kew Obsy.)	1014.4	+2	NW	2	bc|f	46	55	7	5750	Cu	5	–	5	*	1014.6	0	–	0	c	45	65	5	–	–	0	Ci	8	*
Croydon	1014.6	+2	N	3	o|r	46	65	5	4000	Cu	9	–	9	*	1016.4	+1	WSW	1	o	42	75	6	4000	StCu	8	Ci	1	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.8	+1	E	3	b-	41	85	7	4000	Cu	3	–	3	0
Shoeburyness	1014.0	+3	NW	2	c|j	47	65	8	4000	Cu	8	–	8	*	1014.8	+1	ESE	1	bc	40	75	8	2500	Cu	2	CiSt	4	*
...ala	1014.2	+3	–	0	c+	47	55	8	4000	Cu	7	–	7	*	1015.2	+1	E	1	c+	42	85	7	4000	StCu	4	CiCu	7	0
...pne	1015.5	+3	NNW	4	o|r	44	75	7	2500	Cu	9	–	9	*	1015.5	+2	SSE	3	c+	39	85	6	4000	StCu	4	CiSt	3	*
Scilly (St. Mary's)	1016.2	+2	SE	1	c	51	65	8	4000	Cu	2	ACu	6	*	1012.5	-4	SES	4	o	46	75	8	4000	StCu	10	–	10	4
Falmouth (Pendennis)	1016.6	+1	SSW	3	bc+	50	92	8	4000	Cu	5	–	5	*	1014.6	-3	S	3	o+	46	85	8	4000	Cu	3	CiSt	9	0
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.7	-1	W	2	c	46	75	8	4000	StCu	5	ACu	7	0
Portland Bill	1014.3	+5	N	3	b	47	85	7	–	–	–	CiCu	3	*	1016.3	0	S	4	b	46	75	7	–	–	0	Ci	2	4
Southampton (Calshot)	1015.3	+3	NE	3	b	48	55	6	2500	Cu	3	–	3	*	1014.8	-1	SW	3	bc	45	75	5	–	–	0	ASt	7	0
...	1013.7	+3	NE	2	c	44	85	8	2500	Cu	7	–	7	*	1014.6	+1	SW	3	c+	44	85	7	2500	Nb	7	–	7	3
...	~~[illegible]~~ 1015.8	+1	~~[illegible]~~ NW	~~[illegible]~~ 3	~~[illegible]~~ bcfr	47	~~[illegible]~~ 65	~~[illegible]~~ 8	~~1500~~ 4000	~~[illegible]~~ StCu	~~[illegible]~~ 4	–	~~[illegible]~~ 4	*	1015.1	0	E	1	bc+	47	75	7	–	–	0	CiSt	4	0

Observations at 0700 G.M.T. 7th; Observations at 1800 G.M.T. 6th.

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. %
	24 Hours ended 0900 G.M.T. 7th								Yesterday.	Yesterday.	To-day.
...don } 24 hours ended 0700	om bcy	bcymcd	bcmom	*	*	29	tr	–	4.8	*	*
	ommp	ocmz	bcz	*	*	32	tr	–	3.3	*	*
Greenwich (Royal Obsy.)	oc	bczm	bcbom	49	34	29	–	–	2.8	53	78
...hill Row)	*	*	*	*	*	*	*	*	3.2	*	*
...(St. James' Pk.)	bco	bc	cxmin	50	37	29	–	–	3.1	45	65
...Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	4.1	*	*
...Sq.	o	bc.b	*	51	37	32	–	–	:	*	75
...Palace	c	c	*	50	36	29	–	–	*	64(18h.)	68
...Observatory	bc	bc.	*	48	36	25	–	–	?	*	76

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 6th

Station	Max.	Time.	Min.	Time.
South Kensington	1.0	0300	<0.3	01.00
Kew Observatory	0.5	0800	<0.3	01.00

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 19 h 56 m to 7th 04 h 30 m

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8 45	5 35	64
δ Ursae Minoris	8 45	4 48	55

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per sec.	Siren.	Direc.
		–	–	–
		–	–	–
		–	–	–
		–	–	–

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 7th & 8th APRIL 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.15 / 5.12	11.55 / 11.55	6.35 / 6.37
Greenwich	5.25 / 5.23	12.2 / 12.2	6.40 / 6.41
Wick	5.26 / 5.23	12.14 / 12.14	7.3 / 7.5
Valencia	6.5 / 6.2	12.43 / 12.43	7.21 / 7.23

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.

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. [1] For code see page 3.

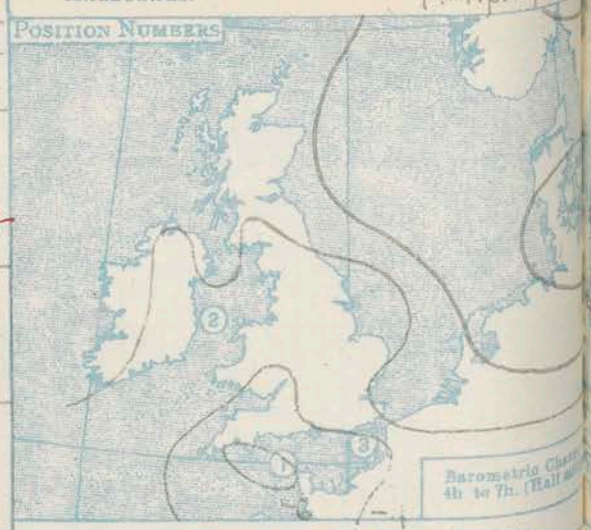
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 6h.	13h.-18h. 6h.	18h. 6h. to 1h. 7h.	1h.-7h. 7h.	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 th	b or be	b or bc	45	32	•		-	14·30	-	•
Stornoway	bc	r	b or bc	c	45	30	•		-	-	-	6·2
Wick	c	b r h s	b c b p	b or bc	45	28	•	1	0·2	14·30	<2100	•
Castlebay	c b c	bc	bc	c o p p c	45	37	•	-	1	-	-	9·0
Nairn	b bc	c	i R c	b c k b	48	26	•	-	2	-	2200	10·2
Aberdeen	b m b	b c p h	b m	b m x	47	30	19	0·1	-	14·30	-	8·9
Malin Head	b or bc	b or bc	b or bc	b or bc	45	34	•	-	-	-	-	8·3
Renfrew	b f x p o 3 c	c p o b c	b c c p	b m o m	50	32	24	Trace	0·1	16·30	2400	5·3
Edinburgh (Inchkeith)	f o r m	f o r m	b o r b c	c	48	36	31	-	1	-	6·30	8·2
Eskdalemuir	b. b c. c	b c p p u	c p s b c	b. b c. c	45	25	20	0·8	trace	13·30	<2100	5·6
Tynemouth	b or bc	m	m p f f	f f	45	31	24	-	0·2	-	<2100	•
Blacksod Point ...	p	p	c	c	48	34	•	?	?	16·30	-	•
Donaghadee	bc	i r	bc	bc	49	32	•	0·1	•	14·30	-	•
Birr Castle	c. o	c o	c o	c o z	51	37	31	-	-	-	-	8·0
Baldonnell	b or bc	c m r	c	c	50	33	27		-		-	6·6
Holyhead	c. b. b c	b. b c	b c. b	b c. c o	47	36	34	-	-	-	-	10·7
Liverpool (Bidston) ...	b or bc	b	b m f		47	34	28	-	-	-	-	8·4
Chester (Shotwick) ...	o m c. b	b or bc	b c b	b c o x f f	48	32	29	-	-	-	-	•
Spurn Head	b or bc	b or bc	b or bc	b or bc	50	34	•	Trace	0·1	<0800	5·30	10·8
Nottingham	c q	m f	b c m	f x	47	28	28	1	-	14·30	-	4·4
Cranwell	b or bc	b. b c. c	p r	p r o m	47	28	23	-	0·1		<2100	9·0
Gorleston	d p h b c	b or bc	b b c x	b c b x c	43	34	29	1	-	<0800	-	•
Pulham	o m c o p r	c p r h b b			46			0·1		13·20		
Valencia (Cahirciveen)	c h b c	c o v y	o v	o o d	49	41	39	1	0·2	<0800	6·30	5·8
Roches Point	c	c c o	o	o r	51	42	•	-	2	-	3·30	•
Pembroke (St. Ann's H.)	b or bc	b or bc	o o	o o	48	40	•	-	0·3	-	4·30	10·5
Ross-on-Wye	b g. b c	b c g h	b c b c c	c m o m	51	34	28	-	-	-	-	9·0
Benson	c. c	c	c	o	49	35	26	-	-	-	-	•
S. Farnborough ...	o m	c m o m	o m	o m	?	34	27	?	-	-	-	5·4
London (Kew Obsy.) ...	o m b y	b c y m p r	b c m o m	o m o m	48	35	29	Trace	-	15·30	-	4·8
Croydon	o m m p	o c h b	~~b c~~ o b c 2 m	b c o m	47	36	32	Trace	-	12·30	-	3·3
Clacton-on-Sea ...	o q	c b c	b c c	c	47	39	34	-	-	-	-	5·9
Shoeburyness	b or bc	b or bc	b b x	b c b o	49	31	24	-	-	-	-	5·4
Grain	b or bc	c. b. b c c	c b c b b	b c c o o	49	35	28	-	-	-	-	6·3
Lympne	o m p r	o c b c m	b o b c	b o b c	47	34	25	Trace	-	12·30	-	5·0
Scilly (St. Mary's) ...	b c	p d k. o	o g r r	o g m R	53	44	•	-	13	-	2200	8·8
Falmouth (Pendennis)	b. b c	b c c o	o r g	o m r	52	42	•	-	7	-	2200	7·8
Plymouth (Cattewater)	c	c.	o f o r	f o r d	54	40	36	Trace	6	<0800	2400	10·9
Portland Bill	c. b c	b or bc	c o	o r	47	39	•	-	1	-	-	•
Southampton (Calshot)	c	b c m	b c i m	o m r o	51	40	37	-	0·2	-	630	7·6
Dungeness	c	c	c	c	47	41	•	Trace	-	15·30	-	•
Jersey	o p b c p	f b	o	o r r o	49	43	•	0·2	6	09·00	230	8·5

ISALLOBARS. 7th April

POSITION NUMBERS



Observations from Cross Channel Steamers.

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

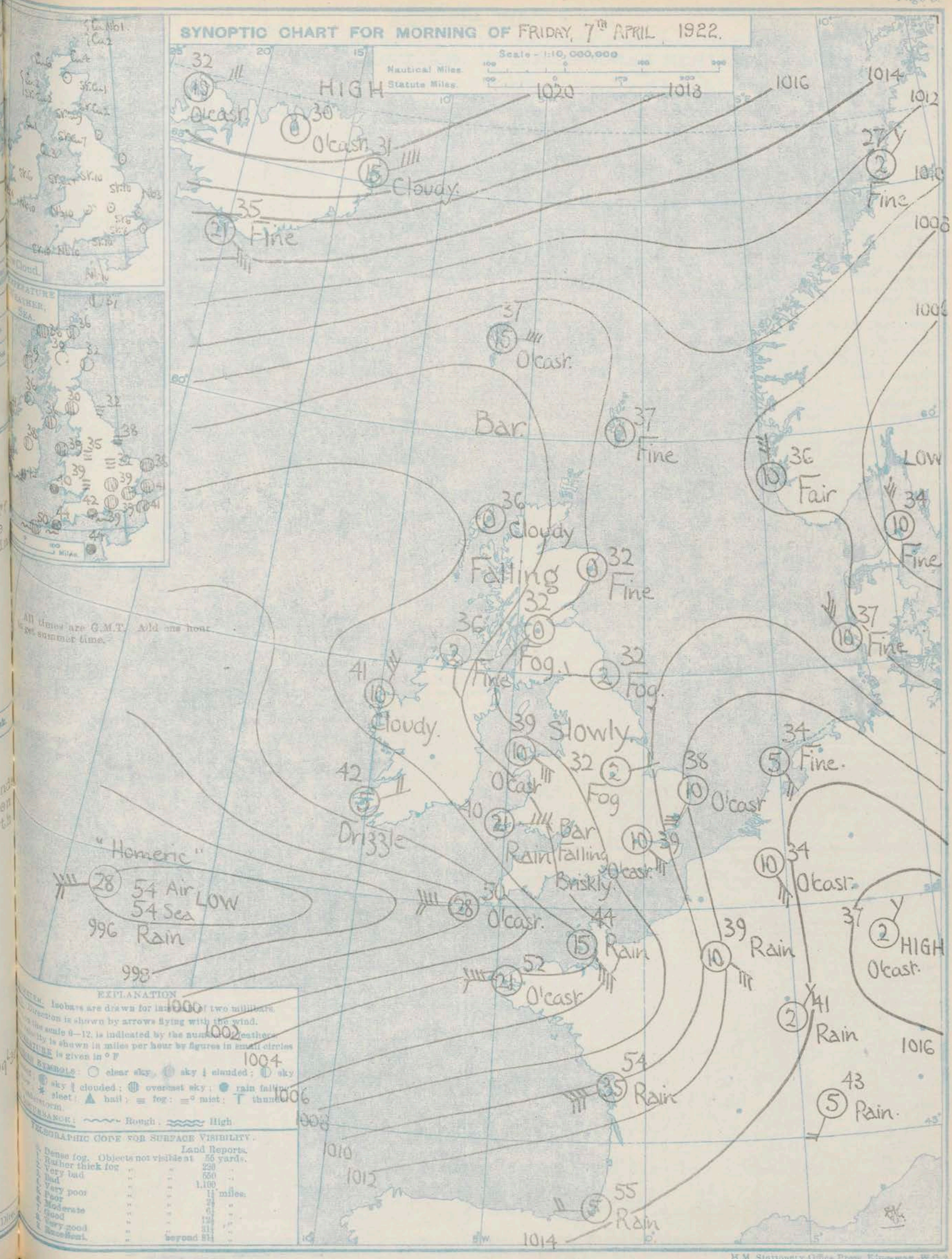
GENERAL INFERENCE.

A depression centred off South-West Ireland will move Eastward causing Easterly wind with rain and a rather low temperature over Southern England. Fairer conditions are probable temporarily in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 7th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind mainly Easterly, fresh or strong; rainy, perhaps some sleet; visibility poor to moderate; rather cold.	Cold with winds mainly between East and North
5. S.W. England 6. South Wales	Wind mainly between E and N, fresh or strong, moderating; rainy then fairer; visibility moderate; rather cold.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate Easterly wind; fair to cloudy, some showers; visibility moderate, local mist or fog; cold.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light variable or Easterly wind; fair but local showers; visibility moderate to good; cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Light variable wind; fair but local showers; visibility moderate to good; cold.	North Cone hoisted today.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N. or N.E, moderate to strong; cloudy, some rain, sleet or hail; visibility mainly good; cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.50 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 7TH APRIL...1922. No. 97

Observations at 0100 G.M.T. 7th / 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	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9	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
Lerwick	1010·0	0	-	0	b	33	92	7	-	CuNb	1	-	1	*	1009·9	0	-	0	b	37	85	8	5750	Cu	3	-	3
Stornoway	1008·2	-2	-	0	b-	*	*	7	*	*	*	*	*	*	1004·7	-1	-	0	bc	36	92	6	7250	Cu	6	-	6
Wick	1008·0	-2	SSW	2	blr	35	97	8	4000	Cu	1	-	1	*	1006·5	-1	SSW	1	bc+	36	97	8	5750	Cu	4	-	4
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1004·8	-1	NNW	2	bc/r	39	85	8	2500	Cu	4	-	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1006·0	*	-	0	b/r	30	85	8	-	-	0	-	0
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·0	0	-	0	b	32	85	4	4000	StCu	1	-	1
Malin Head	1009·2	-1	-	0	b	35	97	8	5750	Cu	3	-	3	*	1005·6	-2	S	1	b+	36	97	8	4000	Cu	1	-	1
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·0	-2	-	0	mo+	32	92	4	2500	StCu	9	-	9
Edinburgh (Inchkeith)	1010·3	0	WSW	3	or°r°	37	85	7	-	CuNb	10	-	10	*	1008·3	-1	S	2	b	37	85	7	-	StCu	2	ACu	3
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·3	-2	-	0	c+	30	92	7	2500	StCu	7	-	7
Tynemouth	1011·0	-1	-	0	ffb	36	92	3	-	-	0	-	0	*	1009·3	-2	W	1	fb-	32	85	3	-	-	0	-	0
Blacksod Point	1008·4	-3	SSE	2	b+	40	92	4	-	CuNb	3	-	3	*	1005·1	-1	NNE	3	c	41	85	9	-	-	0	ACu	8
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·5	-1	SW	1	bc+	36	92	8	4000	Cu	3	CiCu	5
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005·0	*	E	1	bc-	38	92	6	2500	St	6	-	6
Baldonnell	1007·7	-3	ESE	1	o+	37	92	8	2500	StCu	5	ASt	9	*	1006·7	-4	NE'E	1	c	37	92	6	4000	StCu	4	ASt	8
Holyhead	1010·1	-2	SE'S	3	b-	*	*	8	-	-	0	CiCu	3	*	1007·0	-3	E'S	3	o+	39	92	8	2500	StCu	4	ASt	10
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1007·6	-2	SE	3	ffo	35	92	2	800	St	10	-	10
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1007·1	-2	SE	2	ffo	34	97	3	5750	StCu	10	-	10
Spurn Head	1012·5	-1	SSW	2	b	37	92	8	-	-	0	-	0	*	1009·4	-3	ESE	3	mb	38	92	4	-	-	0	Ci	3
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·2	*	E	1	ffo	32	92	3	800	St	10	-	10
Cranwell	1013·1	-2	S'W	3	opr°	31	85	6	800	StCu	10	-	10	*	1010·5	-3	SSE	3	o+	31	97	5	-	-	0	CiSt	10
Gorleston	1014·3	0	SW	2	o+	36	85	7	-	-	0	Ci	3	*	1012·2	-2	SW'S	3	o+	38	92	6	5750	Nb	3	CiSt	10
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*													
Valencia (Cahirciveen)	1004·8	-6	E	4	b	43	92	7	-	-	0	aSV	2	*	1002·4	-2	E'N	2	od°	42	85	7	2500	St	4	ASt	10
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1002·8	-2	ESE	5	or°r°	42	97	7	1500	Nb	10	-	10
Pembroke (St. Ann's H.)	1009·2	-3	ESE	3	o	42	85	8	-	-	0	ASt	10	*	1004·3	-3	E	5	or°r°	40	85	8	1500	Nb	10	-	10
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1007·4	-4	ESE	1	mmo	39	85	6	-	-	0	ASt	10
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·4	-2	ESE	3	o	39	92	6	-	-	0	ASt	10
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009·1	-3	SE	3	o-	39	85	6	800	St	8	ACu	10
London (Kew Obsy.)	*	*	*	*	*	37	*	*	*	*	*	*	*	*	1009·4	-3	ESE	3	o	39	85	5	4000	St	6	ASt	10
Croydon	1014·0	-2	SSW	1	bc	36	92	6	2500	StCu	3	ACu	5	*	1010·0	-3	SSE	3	o	40	85	6	4000	St	7	ASt	10
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·8	-2	SSE	4	c	41	92	6	-	-	0	CiSt	8
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·9	-2	SE	3	o+	40	85	5	2500	St	10	-	10
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1010·9	-2	ESE	2	o	39	92	6	2500	St	10	-	10
Lympne	1014·2	-1	W	2	b	36	92	7	-	-	0	-	0	*	1010·7	-3	SE	4	o	39	85	6	4000	StCu	10	-	10
Scilly (St. Mary's)	1005·1	-7	SE	6	or+	45	92	7	2500	Nb	10	-	10	*	1000·0	-4	W	6	o/r	50	97	5	800	St	10	-	10
Falmouth (Pendennis)	1007·7	-5	SSE	6	orr	46	85	7	2500	Nb	10	-	10	*	1002·0	-5	SSE	7	orr	44	97	5	2500	Nb	10	-	10
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1002·0	-7	E	3	orr	41	92	6	450	Nb	10	-	10
Portland Bill	1011·4	-4	SE	5	o+	43	85	7	-	-	0	ASt	10	*	1006·2	-5	ESE	6	or°+	42	92	6	450	St	10	-	10
Southampton (Calshot)	1012·3	-3	NE	3	o+	41	92	6	2500	StCu	10	-	10	*	1007·2	-5	ESE	5	or°r°	43	95	6	1500	Nb	10	-	10
Dungeness	1014·1	-1	SSW	2	bc	42	92	7	-	-	0	ACu	4	*	1009·1	-4	ENE	4	o+	41	97	7	-	-	0	CiSt	10
Jersey 7h / Guernsey 1h	1011·1	-5	SSE	4	od°-	43	75	6	4000	St	10	-	10	*	1003·7	-4	SE	4	orr	44	97	6	800	Nb	10	-	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6TH APRIL

STATIONS.	Weather Fore-noon.	Weather After-noon.*	Temp. Min. Night 5th °F.	Temp. Max. Day 6th °F.	Rainfall Night 18h.-9h. 5th-6th mm.	Rainfall Day 9h.-17h. 6th mm.	Sunshine Sunrise to 17h. 6th hr.	Sunshine Sunrise to Sunset 5th
Banff	b	b	25	45	-	-	10·2	9·4
Montrose	bc	bcp	26	45	1	1	8·4	4·6
Llandudno	bc.b	b	30	47	51	-	8·5	0·0
Colwyn Bay	bc	b	35	49	-	-	9·3	0·1
Rhyl	bc.b	b	31	46	02	-	3·5	1·5
Southport	b	b	29	47	01	-	8·5	0·9
Blackpool	mb	b	27	48	-	-	9·1	0·3
Harrogate	b.	b.bc.c	29	45	3	-	6·6	6·6
Skegness	bv	v b	20	44	4	-	9·8	7·4
Aberystwyth	c. b	b.bc	32	47	1	-	10·3	1·2
Bath	o.c.b.b	b.bc.o	37	51	2	-	5·5	9·6
Leamington Spa	bc	o	35	48	4	-	5·0	1·2
Lowestoft	bphcb	b.bcb	33	52	3	-	8·8	7·8
Felixstowe	cm	b	35	46	-	3	5·9	8·3
Southend	c.bc.bc	bc	35	50	4	-	6·7	5·0

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night 5th °F.	Temp. Max. Day 6th °F.	Rainfall Night 18h.-9h. 5th-6th mm.	Rainfall Day 9h.-17h. 6th mm.	Sunshine Sunrise to 17h. 6th hr.	Sunshine Sunrise to Sunset 5th
Paignton	bm	c.om	38	53	2	-	7·9	9·[illegible]
Ilfracombe	b	b	39	49	-	5	10·3	7·1
Bude	b	b	39	54	6	-	10·0	4·5
Penzance	b.bc.	bc.c	45	51	[illegible]	-	8·0	[illegible]
Falmouth Observatory	b.bc	bc.c	34	52	[illegible]	-	7·5	7·5
Torquay	b	b	39	51	1	-	5·6	11·0
Weymouth	c by	bcg	39	54		-	7·2	[illegible]
Bournemouth	b	b..	28	51	-	1	5·7	11·3
Portsmouth (Southsea)	b	b	33	51	1	-	7·8	11·8
Worthing	o.cbc.	bc	41	49	-	2	5·7	11·7
Brighton	c	c	41	47	-	-	6·0	12·0
Eastbourne	c	c	40	49	2	-	4·9	12·4
Hastings	o.c	bc.o.c	39	48	3	-	5·3	12·1
Folkestone	bc b	c.c	37	48	-	-	3·7	7·3
Tunbridge Wells	o.c	c.bc.by	32	47	Trace	-	3·2	5·3
Ramsgate	b	b	35	45	1	-	6·2	5·9
Margate	o.c	b	33	45	2	-	6·1	5·9
Deal	c.bc	bc.b	37	45	-	-	5·4	7·7

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22,052 SATURDAY 8th APRIL 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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1009·7	+1	ESE	2	pho	39	75	8	4000	CuNb	5	–	5	•
Stornoway	1004·5	0	SW	2	bc–	42	85	6	4000	Cu	4	–	4	•
Wick	1005·6	0	SSE	1	b–	43	85	8	5700	Cu	3	–	3	•
Castlebay	1004·9	0	W	3	ojp	41	75	7	1500	St	10	–	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1006·7	–1	S	2	bc+	43	75	6	4000	StCu	6	–	6	•
Malin Head	1004·7	0	N	2	bc+	44	97	8	4000	Cu	4	ACu	5	•
Renfrew	1005·6	–2	SW	2	ojp	45	65	6	2500	StCu	8	–	8	•
Edinburgh (Inchkeith)	1006·3	–1	SSE	1	bc	45	75	7	–	Cu	4	–	4	•
Eskdalemuir	1005·7	–2	Calm	0	c	45	45	8	2500	StCu	6	CiSt	7	•
Tynemouth	1006·7	–3	S	1	c	47	75	5	–	–	–	ASt	8	•
Blacksod Point	1004·2	+1	NE	2	bc	48	45	9	–	–	–	CiCu	6	•
Donaghadee	1006·7	–2	SSE	2	bc	47	75	7	–	–	–	Ci	5	•
Birr Castle	1003·9	•	E	1	o+	47	75	7	2500	St	9	–	9	•
Baldonnell	1004·4	–1	ENE	3	o	47	75	7	2500	StCu	6	ASt	9	•
Holyhead	1003·9	–3	WSW	1	bc	50	65	6	4000	Cu	4	ACu	6	•
Liverpool (Bidston)	1004·5	–3	SE	3	o	46	65	5	1500	St	10	–	10	•
Chester (Shotwick)	1003·7	–3	SE	4	o	47	55	6	4000	St	3	ASt	10	•
Spurn Head	1007·2	–2	E	3	bc	46	85	5	4000	CuNb	1	CiCu	5	•
Nottingham	1005·7	•	SE	3	o	46	65	7	800	CuNb	5	CiSt	10	•
Cranwell	1007·2	–3	SE'E	4	o	45	65	7	1500	StCu	7	ASt	10	•
Gorleston	1009·5	–1	S'E	5	c	43	75	6	–	–	–	ASt	8	•
Pulham														•
Valencia (Cahirciveen)	1002·2	0	NE	4	o	45	75	7	1500	StCu	6	ASt	10	•
Roches Point	1002·3	0	E	3	roro	43	97	8	1500	Nb	10	–	10	•
Pembroke (St. Ann's H.)	1001·5	–3	E	6	ro	42	92	7	1500	Nb	10	–	10	•
Ross-on-Wye	1003·5	–3	SE	3	dd	42	85	6	1500	Nb	10	–	10	•
Benson	1004·3	–4	ESE	4	roro	41	92	5	–	Nb	10	–	10	•
S. Farnborough	1004·3	–5	ESE	4	ro+	41	65	6	1500	Nb	10	–	10	•
London (Kew Obsy.)	1004·6	–5	ESE	4	dodo	42	75	5	2500	Nb	10	–	10	•
Croydon	1006·4	–3	SE'S	3	roro	41	85	6	2500	StCu	8	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1006·7	–3	SE	2	dodo	43	75	5	1500	St	10	–	10	•
Grain	1006·1	–5	ESE	4	r	42	75	6	1500	St	10	–	10	•
Lympne	1005·6	–6	ESE	5	rr	40	92	6	1500	Nb	5	ASt	10	•
Scilly (St. Mary's)	999·6	0	W'S	6	o	52	92	6	4000	StCu	10	–	10	•
Falmouth (Pendennis)	999·7	–4	W	6	o	52	97	5	2500	Nb	10	–	10	•
Plymouth (Cattewater)	1000·2	–1	ENE	4	roro	45	97	5	1500	Nb	10	–	10	•
Portland Bill	1001·3	–4	E'S	6	roro	44	85	6	450	St	10	–	10	•
Southampton (Calshot)	1002·5	–4	E'N	6	r–	43	92	6	800	Nb	10	–	10	•
Dungeness	1005·2	–5	SSE	4	rr	42	97	7	2500	Nb	10	–	10	•
Jersey	1002·6	0	W	5	o	54	85	7	1500	StCu	10	–	10	•

Observations at 1800 G.M.T. 7th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
Lerwick	1009·6	–1	ESE	4	c+	36	65	8	–	–	–	ASt	8	3
Stornoway	1004·1	–1	E	2	prso	37	85	6	450	St	10	–	10	1
Wick	1004·7	–1	ESE	3	bc+	42	97	8	–	–	–	Ci	6	1
Castlebay	1003·4	0	SW	2	o	43	65	7	1500	St	9	–	9	2
Nairn	1003·4	*	Calm	0	bc+	43	75	8	4000	Cu	6	–	6	•
Aberdeen	1005·3	–1	S'E	2	b–	41	85	6	4000	StCu	3	–	3	0
Malin Head	1003·6	–1	Calm	0	c+	44	92	7	4000	StCu	7	–	7	0
Renfrew	1004·4	–0	N	2	bc–	44	75	6	4000	StCu	5	–	5	•
Edinburgh (Inchkeith)	1004·5	–1	NW	2	c+	42	75	8	–	StCu	2	ACu	8	2
Eskdalemuir	1004·0	–2	Calm	0	b–	43	55	8	4000	StCu	3	–	3	•
Tynemouth														
Blacksod Point	1004·5	0	NW	4	bc	48	75	9	–	Cu	5	–	5	0
Donaghadee	1004·5	–3	SSW	1	b	45	75	8	–	–	–	CiCu	2	0
Birr Castle	1002·4	•	E	1	o	47	85	7	2500	St	9	–	9	•
Baldonnell	1003·0	–1	ENE	1	o	45	75	7	2500	St	3	ASt	10	•
Holyhead	1002·5	–1	E'N	3	o	46	75	7	5700	StCu	6	ACu	10	0
Liverpool (Bidston)	1003·7	–0	SE	5	m–	43	65	4	–	–	–	ASt	8	3
Chester (Shotwick)	1002·8	–1	SE	3	o	43	65	5	–	–	–	ASt	10	•
Spurn Head	1005·0	–2	SE	4	o	41	92	7	–	–	–	ASt	10	4
Nottingham	1004·1	*	SSE	4	dor	42	75	6	800	Nb	6	ASt	10	•
Cranwell	1004·5	–3	ESE	3	o	43	65	7	2500	St	2	ASt	10	•
Gorleston	1006·2	–3	SE	5	o	42	75	6	–	–	–	ASt	10	4
Pulham														•
Valencia (Cahirciveen)	1003·4	+1	NNE	3	do	43	85	6	1500	St	4	ASt	10	0
Roches Point	1002·3	0	E	1	roro	43	97	6	2500	Nb	10	–	10	3
Pembroke (St. Ann's H.)	1001·2	0	ENE	4	o	43	85	7	1500	St	9	–	9	0
Ross-on-Wye	1002·1	–1	ENE	3	do	40	92	5	800	Nb	10	–	10	•
Benson	1001·5	–3	ENE	4	o	40	92	6	–	St	10	–	10	•
S. Farnborough	999·3	–4	ENE	3	mmo	39	97	5	800	Nb	10	–	10	•
London (Kew Obsy.)	1001·5	–3	NE	4	o	41	85	5	1500	St	10	–	10	•
Croydon	1000·2	–6	ENE	3	roro	39	97	6	800	Nb	10	–	10	•
Clacton-on-Sea	1002·8	–5	E	4	roro	40	97	5	1500	St	10	–	10	0
Shoeburyness	1002·2	–3	ENE	5	roro	40	85	5	800	Nb	10	–	10	•
Grain	1001·7	–5	E	5	rr	41	92	6	800	Nb	10	–	10	3
Lympne	1000·3	–6	E	5	rr	41	97	5	225	Nb	10	–	10	•
Scilly (St. Mary's)	1000·4	0	WSW	4	o	51	92	6	2500	StCu	10	–	10	6
Falmouth (Pendennis)	1000·3	0	WNW	2	roro	49	92	4	2500	StCu	10	–	10	6
Plymouth (Cattewater)	1000·4	+0	W	3	ojp	50	97	8	4000	CuNb	9	–	9	3
Portland Bill	1001·3	0	E	5	roro	44	85	6	450	St	10	–	10	4
Southampton (Calshot)	1000·5	–1	NNE	3	dodo	42	92	6	800	St	10	–	10	6
Dungeness	999·9	–6	SE	4	dd	43	97	6	800	Nb	10	–	10	4
Jersey	1002·4	0	W	4	o	52	92	8	1500	StCu	10	–	10	3

LONDON OBSERVATIONS (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 8th; Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day)

Station	Weather: Morning	Weather: Afternoon	Weather: Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew	ozodm	oromom	omom	•	•	39	1	2	0.0	•	•
Croydon (24 hours ended 0700)	ozroro	ororo	orom	•	•	38	1	3	0.0	•	•
Greenwich (Royal Obsy.)	oror	orr	ocrm	44	39	38	1	3	0.0	89	91
City (Bunhill Row)	•	•	•	•	•	•	•	•	0.0	•	•
Westminster (St. James' Pk.)	•	•	•	44	40	38	3		0.0	82	86
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	0.0	•	–
Camden Sq.	od	orr	•	44	39	38	1	3	•	•	90
Kensington Palace	odr	odr	•	44	39	38	1	2	•	92 (18h.)	96
Hampstead Observatory	•	or	or	41	37	35	2	3	0.0	•	98

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 7th

	Max.	Time.	Min.	Time.
South Kensington	1·3	2h. 6th	0·3	2h. 7th
	1·0	7h. 7th		
Kew Observatory	1·0	2h. 6th	0·3	4h. 7th
	1·0	7h. 7th		

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 19 h. 45 m. to 8th 4 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8 45	0.0	–
δ Ursae Minoris	8 45	0.0	–

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

Time.	Type.	No. per sec.	Stren.	Direc.
[illegible]	–	–	–	–
[illegible]	–	–	–	–
[illegible]	–	–	–	–
[illegible]	–	–	–	–

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 8th & 9th APRIL 1922.

Stations.	Sunrise G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·12	11·55	6·37
	5·10	11·55	6·39
Greenwich	5·23	12·2	6·41
	5·21	12·2	6·43
Wick	5·23	12·14	7·5
	5·20	12·14	7·7
Valencia	6·2	12·48	7·23
	6·0	12·48	7·25

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, 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.
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

[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.

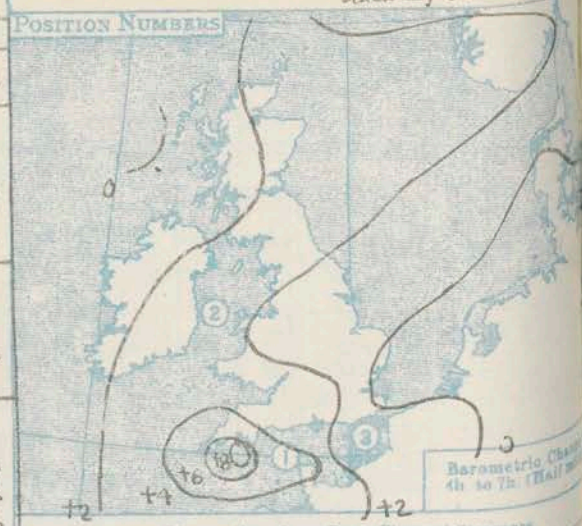
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-18h. 7h.	18h.-18h. 7h.	18h. 7h. to 18h. 8h.	18h.-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 ...	h-rh	h-rh	b or bc	b or bc	42	36	•	0·2	-	13.30	-	•
Stornoway	p	bc	c	m	43	32	•	0·3	1	12.30	-	3·2
Wick	b-bc	c	oo	oo	44	38	•	-	-	-	-	•
Castlebay	bco	omco	orrd	dspo	43	36	•	-	3	-	-	7·5
Nairn	bbcc		cm	mo	48	33	•	-	0·2	-	-	6·7
Aberdeen	bbcm	bcm	bccm	ir mc	46	34	28	-	2	-	5·30	5·2
Malin Head	b-bc	b-bc	oo	c	47	34	•	-	-	-	-	9·5
Renfrew	oid mc	cbcpz	cmo	ofx	52	30	25	-	-	-	-	4·8
Edinburgh (Inchkeith)	b-bc	c	f or m	mm	49	35	29	-	-	-	-	8·8
Eskdalemuir	coc	cbcb	b bcm	bccom	49	27	23	-	-	-	-	7·6
Tynemouth	ffm		oom	cm	48	38	25		-		-	•
Blacksod Point ...	c	b-bc	p	c	49	39	•	-	2	-	22.00	•
Donaghadee	bc	bc	bc	irs	49	34	•	-	2	-	4·30	•
Birr Castle	co	cor	cr	bcx	48	32	23	trace	0·2	17.30	<21.00	0·4
Baldonnell	oo	oo	c	bx	48	33	27	-	-	-	-	4·2
Holyhead	obcz	bczco	oo	ocm	50	39	37	-	-	-	-	3·6
Liverpool (Bidston) ...	com	cm	od g		47	35	32	-	0·1	-	<21.00	0·4
Chester (Shotwick) ...	ofm	om	oid m	or rid	48	36	35	-	1	-	<21.00	•
Spurn Head	b-bc	oo	oo	oo	46	37	•	-	0·6	-	24.00	2·8
Nottingham	oo	oo	od	irs	47	34	35	trace	3	17.30	24.00	0·9
Cranwell	oo	oo	od	r or d	46	36	33	-	2	-	<21.00	1·2
Gorleston	acq	c	oq r	oqoqc	44	40	39	-	0·2	-	<21.00	?
Pulham												
Valencia (Cahirciveen)	odr	oord	o	ope	46	40	35	1	trace	<08.00	<21.00	0·0
Roches Point	or r	or r	r o	oc	45	37	•	2	1	<08.00	<21.00	•
Pembroke (St. Ann's H.)	oopr	opr o	orroz	b or bc	45	38	•	1	0·3	<08.00	<21.00	0·0
Ross-on-Wye	oid odd	dgr r	gdom	ir gom	43	37	36	1	1	11.00	<21.00	0·0
Benson...	or	o	o	or	43	37	37	0·4	2	11.00	3·30	•
S. Farnborough ...	ir	or md m	rm	irm	43	38	38	2	2	<08.00	<21.00	0·0
London (Kew Obsy.) ...	ozd m	ormom	omom	omr m r	44	39	39	1	2	11.00	4·30	0·0
Croydon	ozr r	or r	or m	omrr	43	39	38	1	3	09.00	<21.00	0·0
Clacton-on-Sea ...	comogmr		ogd	ogr	42	39	39	1	1	15·30	<21.00	0·0
Shoeburyness	ood d	ad or r	oir r	or ro	44	39	39	2	2	11.00	<21.00	0·0
Grain	ooor	ororr	oir	or r	43	39	38	2	2	12.30	<21.00	0·0
Lympne	omr r	ommrr	omir r f	oir f r m	42	39	39	6	1	12.30	<21.00	0·0
Scilly (St. Mary's) ...	c	omid	t d	cmd	54	44	•	0·3	2	13.30	<21.00	1·3
Falmouth (Pendennis)	from	omr	omd	ocm	52	42	•	7	2	<08.00	<21.00	0·0
Plymouth (Cattewater)	rrr	r-d	oro	om	51	41	36	3	2	<08.00	<21.00	0·5
Portland Bill	or	r-d	od	odc	45	39	•	4	2	<08.00	<21.00	•
Southampton (Calshot)	rrm	r r d r d	d mo	mirr	43	39	36	2	2	<08.00	<21.00	0·0
Dungeness	pr r r	rrdM	mdd	mdd	44	41	•	3	0·6	09.00	<21.00	•
Jersey	orro	oco	or o	or d	54	48	•	4	2	<08.00	24.00	0·1

ISALLOBARS. Saturday 8th APRIL

POSITION NUMBERS



Observations from Cross Channel Steamers

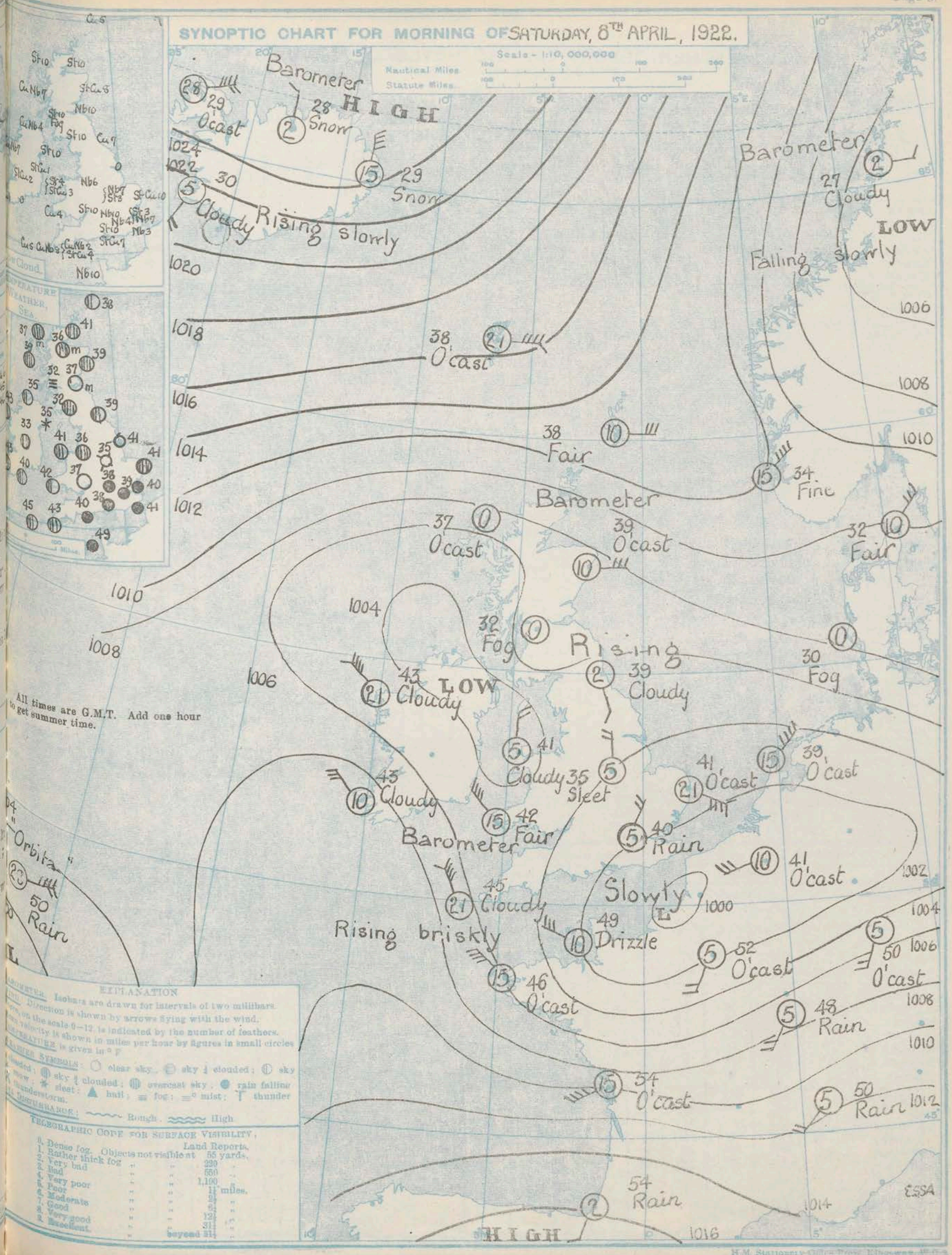
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Sea
3	7th 0200	Newhaven	SSE	3	b+	41	46
2	7th 1000	Hibernia	E	4	o	44	46
3	8th 0200	Newhaven	NW	2	oD	45	

GENERAL INFERENCE.

The depression centred over Northern France and the secondary over North Ireland are moving Eastward and bright weather with Northerly winds may be expected in their rear. Temperature will continue low with sleet or hail in places. Further depressions from the Atlantic will maintain general unsettled conditions.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 8th March 1922.	Farther Outlook
1. S.E. England 2. E. England 3. E. Midlands	Wind Northerly light or moderate; showers of rain or sleet then fine; visibility moderate; continuing cold.	Unsettled with Easterly winds; temperature continuing low.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate Northerly wind dropping light; fine with good visibility; later wind freshening from near South-East, rainy; cold.	
7. North Wales 8. N.W. England	Light variable winds; mainly fair early, less fair later; visibility moderate, some fog; cold.	
9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light variable or Easterly wind; cloudy, some rain or sleet showers; visibility moderate; cold.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate Easterly wind; cloudy, some rain or sleet showers; visibility moderate to good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind North-West, moderate; freshening from East or South-East later; fine early, rainy later; visibility moderate; cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.35 GMT. G. C. SIMPSON, F.R.S., Director.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. SATURDAY 8th APRIL 1922. No. 98

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	1011.8	+2	ESE	4	bc	38	65	7	5750	Cu	5	-	5	*
Stornoway	1005.2	+5	-	0	o|s(b)	*	*	5	*	*	*	*	*	*
Wick	1006.1	+1	ESE	5	o	39	97	8	1500	St	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1004.0	0	W	1	c-	39	97	7	4000	CuNb	8	-	8	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1004.9	+1	SE	2	mmc	39	85	6	-	StCu	8	-	8	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1005.2	0	-	0	o	38	92	5	-	-	0	ASt	10	*
Blacksod Point	1005.6	0	NNW	7	cPRS	39	85	4	-	CuNb	7	-	7	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1004.0	0	-	0	b-	35	97	7	2500	StCu	3	-	3	*
Holyhead	1002.2	0	E	3	o	*	*	6	-	-	0	ASt	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1004.2	0	E'S	3	od₀	40	92	7	-	-	0	ASt	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1004.5	-1	NE	3	odd	36	92	6	800	St	10	-	10	*
Gorleston	1003.6	-1	E	3	ofr°	41	92	7	7250	StCu	10	-	10	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1004.9	+3	NW	3	bc	44	85	7	-	Cu	5	-	5	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1003.2	+1	E	2	c-	39	92	6	1500	St	8	-	8	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	40	*	*	*	*	*	*	*	*
Croydon	1002.3	0	ENE	2	o|r	39	97	6	800	Nb	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1003.8	+1	-	0	ffo	40	97	1	450	St	10	-	10	*
Scilly (St. Mary's)	1008.8	0	NNE	5	odd₀	45	97	6	4000	StCu	10	-	10	*
Falmouth (Pendennis)	1008.7	0	-	0	odd	46	97	5	2500	Nb	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1001.3	0	E	4	od₀	40	85	6	450	St	10	-	10	*
Southampton (Calshot)	1001.8	0	ESE	2	o|r	41	92	5	1500	St	10	-	10	*
Dungeness	1002.7	+3	N	2	o|r	42	97	6	800	St	10	-	10	*
Jersey 7h / Guernsey 1h	1001.4	-2	SW	4	Fo-	50	97	1	450	St	10	-	10	*

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	1013.0	+1	E	3	bc+	38	55	7	4000	Cu	5	-	5	2
Stornoway	1004.9	+1	-	0	mo-	37	92	5	800	St	10	-	10	0
Wick	1008.4	+3	ESE	5	o	41	92	8	800	St	10	-	10	2
Castlebay	1004.1	0	E	3	o|r	39	85	7	1500	CuNb	7	-	7	2
Nairn	1006.0	*	E	1	mo-	36	85	6	1500	St	9	-	9	3
Aberdeen	1007.8	+3	E'S	3	c|r	39	92	6	4000	StCu	8	-	8	1
Malin Head	1003.0	+1	S	1	bc-	35	97	8	4000	CuNb	4	Ci	6	1
Renfrew	1005.7	+1	-	0	fo-	32	97	3	2500	St	10	-	10	*
Edinburgh (Inchkeith)	1006.1	+2	ESE	2	mmbc	37	85	5	-	StCu	4	-	4	*
Eskdalemuir	1006.2	+2	-	0	o	32	92	6	800	St	10	-	10	1
Tynemouth	1005.9	+1	SSE	1	c	39	85	6	4000	Cu	7	-	7	*
Blacksod Point	1004.5	+1	NW	5	c-	43	55	9	-	CuNb	7	-	7	0
Donaghadee	1005.3	+3	NW	1	ost	35	97	4	800	St	10	-	10	*
Birr Castle	1006.2	*	N	1	b-	33	97	8	4000	StCu	2	-	2	*
Baldonnell	1006.1	+3	SW'S	3	b-	35	92	8	4000	StCu	1	ASt	2	1
Holyhead	1003.9	+2	N	2	c-	41	92	6	2500	St	7	-	7	2
Liverpool (Bidston)	1004.4	+1	SE	1	o|r	36	97	5	800	St	10	-	10	*
Chester (Shotwick)	1003.7	+1	-	0	od₀	37	92	6	4000	Nb	6	ASt	10	*
Spurn Head	1003.7	-1	ENE	4	opr₀	41	92	6	-	-	0	ASt	10	4
Nottingham	1003.6	*	N	2	ors+	35	97	3	1500	Nb	10	-	10	*
Cranwell	1003.7	0	NE	3	or₀r₀	38	97	6	800	Nb	10	-	10	*
Gorleston	1002.3	0	E'S	5	o	41	88	6	5750	StCu	10	-	10	3
Pulham														
Valencia (Cahirciveen)	1004.4	+1	NW	3	c	43	65	9	2500	Cu	1	ASt	8	1
Roches Point	1008.2	+3	NW	3	c	40	92	8	-	-	0	Ci St	7	0
Pembroke (St. Ann's H.)	1005.3	+3	NW	4	bc	42	85	7	2500	Cu	4	-	4	2
Ross-on-Wye	1004.2	+2	NNW	2	mmo	37	92	4	450	St	10	-	10	*
Benson	1002.8	+3	NNE	2	or₀	38	97	4	-	Nb	10	-	10	*
S. Farnborough	1001.9	+2	N	3	odd₀	38	97	6	800	St	10	-	10	*
London (Kew Obsy.)	1002.0	+1	N'E	2	or₀r₀	39	97	4	1500	Nb	4	ASt	10	*
Croydon	1002.3	0	NE	1	or₀r₀	40	97	4	450	Nb	10	-	10	2
Clacton-on-Sea	1003.8	0	N	2	or₀r	40	97	6	1500	St	10	-	10	*
Shoeburyness	1001.2	0	NE	2	orr₀	40	92	5	800	Nb	10	-	10	0
Grain	1001.6	0	NNE	1	orr₀	40	97	6	800	Nb	10	-	10	*
Lympne	1000.6	0	NNE	2	or₀	39	97	5	800	Nb	9	ASt	10	*
Scilly (St. Mary's)	1006.8	+5	NNW	5	c|r	45	75	6	4000	Cu	5	Ci St	7	0
Falmouth (Pendennis)	1006.2	+6	N	4	c|r	43	85	6	4000	CuNb	8	-	8	1
Plymouth (Cattewater)	1005.0	+8	N	5	bcp	42	75	6	1500	StCu	6	-	6	4
Portland Bill	1003.5	+3	NNW	5	d₀	40	85	7	?	?	?	?	7	0
Southampton (Calshot)	1001.8	+2	N	3	c|r	40	92	6	2500	StCu	7	-	10	3
Dungeness	1000.5	-1	NE	2	odd	41	97	6	800	Nb	10	-	10	3
Jersey 7h / Guernsey 1h	1001.6	0	WNW	3	odd₀	49	97	6	1500	Nb	10	-		

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 6th	Temperature Max. Day 7th	Rainfall† Night 18h.-9h. 6th-7th	Rainfall† Day 9h.-18h. 7th	Sunshine Sunrise to 12h. 7th	Sunshine Sunrise to Sunset 6th
			°F.	°F.	mm.	mm.	hr.	
Banff	bbc	bcb	27	48	-	-	8.5	11.0
Montrose	bc	bc	30	45	4	-	9.4	9.9
Llandudno	oc	co	33	50	-	-	0.6	9.6
Colwyn Bay	bc	bc	33	50	-	-	6.0	10.5
Rhyl	oc	oc	33	48	-	-	-	11.3
Southport	oco	oco	29	49	-	-	0.9	10.1
Blackpool	oco	o	30	51	-	-	0.8	10.7
Harrogate	cmo	o	27	47	-	-	0.1	7.1
Skegness	o	o	36	45	-	-	0.8	10.0
Aberystwyth	ooc	coo	36	48	-	-	-	11.3
Bath	or	or	33	43	1	2	-	6.0
Leamington Spa	o	r	31	46	-	-	-	6.0
Lowestoft	bcc	co	35	46	-	-	4.3	10.0
Felixstowe	om	omr	37	44	-	1	0.6	6.8
Southend	o	or	35	44	-	1	-	6.5
Paignton	orqm	oradof	41	46	2	2	-	7.2
Ilfracombe	or	or	39	42	1	5	-	10.3
Bude	o	p	39	54	11	10	0.5	10.0
Penzance	ido	iod	43	56	10	7	0.4	8.1
Falmouth Observatory	roe	drd	42	53	11	7	-	7.3
Torquay	r	r	42	46	6	4	-	8.6
Weymouth	r	r	40	44	2	1	-	7.2
Bournemouth	r	r	39	44	1	2	-	5.2
Portsmouth (Southsea)	o	r	40	44	1	3	-	7.9
Worthing	od	d	38	43	-	1	-	6.7
Brighton	r	r	42	43	0.4	2	-	6.1
Eastbourne	or	r		44	-	3	-	4.9
Hastings	o	or	38	43	-	3	-	5.3
Folkestone	o	r	37	48	-	5	-	4.4
Tunbridge Wells	o	or	34	43	-	3	-	3.2
Ramsgate	o	o	42	44	-	1	0.1	6.8
Margate	o	or	38	44	-	3	-	6.6
Deal	bco	po	34	43	-	-	-	6.2

* 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 22053 Sunday 9th APRIL 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	1015·2	+2	E	4	bc+	39	65	7	1300	CuNb	6	-	6	*
Stornoway	1008·7	+4	S'W	6	o	44	73	6	800	St	10	-	10	*
Wick	1012·3	+4	ESE	5	o	41	85	8	4000	Cu	3	CSt	10	*
Castlebay	1007·9	+3	N	1	pr So	37	92	6	800	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011·2	+1	E'S	4	o	38	85	7	4000	StCu	10	-	10	*
Malin Head	1004·4	+2	NE	2	bc-	43	92	8	4000	StCu	4	Ci	6	*
Renfrew	1007·7	+3	NE	4	r₀r₀	39	85	6	2500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1007·9	+2	E	3	o	41	85	7	-	St	3	CSt	10	*
Eskdalemuir	1007·3	+1	ENE	5	So	36	85	6	1500	Nb	10	-	10	*
Tynemouth	1007·1	+1	ENE	3	c-	44	85	7	4000	CuNb	2	ASt	7	*
Blacksod Point	1008·1	+3	NW'W	6	ph₀	47	75	9	-	CuNb	5	-	5	*
Donaghadee	1006·3	+1	SE	2	bc	43	75	8	5700	Cu	4	CiCu	5	*
Birr Castle	1007·0	*	NW	2	bc+	46	65	6	4000	CuNb	6	-	6	*
Baldonnell	1007·6	+3	W	6	ohs/r	39	92	7	800	Nb	10	-	10	*
Holyhead	1006·3	+2	NNW	2	bc	43	75	7	2500	Cu	2	ACu	5	*
Liverpool (Bidston)	1005·7	+1	NE	1	mo-	38	97	4	-	St	10	-	10	*
Chester (Shotwick)	1005·0	+2	WSW	1	d₀	39	92	4	1500	St	10	-	10	*
Spurn Head	1005·6	+2	ENE	4	o	46	92	6	-	-	-	ASt	10	*
Nottingham	1005·7	*	SE	2	rr	39	92	6	800	Nb	10	-	10	*
Cranwell	1005·3	+1	ENE	3	d₀d₀	42	85	7	800	Nb	7	ASt	10	*
Gorleston	1003·8	+1	NE	4	o	42	75	6	5700	StCu	10	-	10	*
Valencia (Cahirciveen)	1011·0	+1	NW	4	c	48	65	9	5700	StCu	3	ACu	7	*
Roches Point	1009·1	0	WNW	4	o+	49	75	8	2500	Cu	3	CSt	9	*
Pembroke (St. Ann's H.)	1008·5	+1	W	3	bc	46	75	8	4000	Cu	3	ACu	6	*
Ross-on-Wye	1005·8	+1	WNW	4	c	47	55	9	4000	Cu	5	CSt	8	*
Benson	1005·5	~~+2~~ +3	NW	3	bc-	44	85	5	-	St	6	-	6	*
S. Farnborough	1005·5	~~+2~~	WNW	3	o	45	75	6	1500	StCu	10	-	10	*
London (Kew Obsy.)	1005·5	+4	WNW	2	d₀	42	85	5	1500	Nb	8	ASt	10	*
Croydon	1005·5	+4	WNW	3	o	41	85	5	1500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1003·9	+2	N'E	1	r₀	43	85	6	800	St	10	-	10	*
Grain	1004·6	+4	NNW	1	o	43	85	7	1500	St	10	-	10	*
Lympne	1004·3	+5	NNW	3	o	41	97	6	450	St	10	-	10	*
Scilly (St. Mary's)	1010·6	+3	NW	4	bc-	49	65	8	4000	Cu	2	ACu	5	*
Falmouth (Pendennis)	1011·2	+4	NW	4	bc	48	73	8	4000	Cu	4	Ci	6	*
Plymouth (Cattewater)	1008·6	+4	WNW	5	c+	48	55	8	2500	StCu	8	-	8	*
Portland Bill	1006·4	+3	WNW	4	c+	46	85	7	-	-	-	ACu	7	*
Southampton (Calshot)	1006·3	+3	N'E	3	o	47	75	6	4000	StCu	10	-	10	*
Dungeness	1003·8	+3	N	3	o	44	92	7	1500	Nb	10	-	10	*
Jersey	1009·4	+1	WNW	3	b/r	49	75	8	-	-	0	C.St	4	*

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	1016·6	0	ENE	3	bc-	37	65	8	7250	Cu	3	A.Cu	4	2
Stornoway	1010·6	+2	SE	5	c-	32	75	6	4000	Cu	5	A.St	8	5
Wick	1014·1	+3	E	5	o	39	92	7	5750	Cu	5	C.St	10	4
Castlebay	1009·4	+2	-	0	mmo	38	92	5	800	Nb	10	-	10	1
Nairn	1012·2	*	E	2	cff	39	75	8	1500	St	8	-	8	*
Aberdeen	1013·3	+3	E	4	c	37	75	7	2500	StCu	4	Ci.St	7	3
Malin Head	1006·0	+2	-	0	or-	37	97	7	4000	Nb	10	-	10	1
Renfrew	1009·2	+3	SSW	2	o/r	38	92	5	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1004·8	+3	E	4	o	39	85	7	-	StCu	1	A.St	9	4
Eskdalemuir	1009·2	+2	E'N	3	opS	36	85	6	2500	St	2	A.St	9	*
Tynemouth	1008·8	+1	ESE	3	c	41	92	6	4000	CuNb	8	-	8	1
Blacksod Point	1009·1	+1	WNW	5	bc	47	85	7	-	CuNb	5	-	5	3
Donaghadee	1007·7	+1	E	2	b-	41	92	8	5750	Cu	5	-	5	2
Birr Castle	1007·?	*	NW	[illegible]	c+	47	75	8	4000	CuNb	7	-	7	*
Baldonnell	1006·8	-1	WNW	1	bc-	43	85	8	1500	St	5	-	5	*
Holyhead	1006·7	+1	ENE	3	c	43	85	6	4000	StCu	5	A.Cu	8	0
Liverpool (Bidston)	1006·7	+2	WNW	2	o/r	38	92	5	1500	Nb	10	-	10	2
Chester (Shotwick)	1006·3	+2	WNW	2	o-	39	92	5	2500	St	9	-	9	*
Spurn Head	1007·5	+2	E	4	b	42	92	6	1500	St	1	-	1	3
Nottingham	1009·3	*	E	2	or₀r	38	92	6	800	Nb	10	-	10	*
Cranwell	1009·9	+2	SE'E	4	orr	38	92	6	800	Nb	10	-	10	*
Gorleston	1006·3	+1	NE	3	o	42	85	7	-	-	0	A.St	10	1
Valencia (Cahirciveen)	1011·8	+1	NNW	4	b-	46	65	9	4000	Cu	3	-	3	3
Roches Point	1009·4	0	NW	3	b-	47	85	8	2500	CuNb	1	-	1	0
Pembroke (St. Ann's H.)	1008·5	0	W	4	bc/p	46	85	8	2500	Nb	3	Ci	6	4
Ross-on-Wye	1007·0	+2	NW'W	3	bc	45	55	9	4000	Cu	1	Ci	6	*
Benson	1006·2	+1	NW	1	bc	46	75	5	-	Cu	6	-	6	*
S. Farnborough	1006·7	+1	NE	2	o	45	75	6	2500	Nb	10	-	10	*
London (Kew Obsy.)	1005·9	+2	-	0	o/r	44	75	5	4000	StCu	8	A.St	10	*
Croydon	1007·1	+1	-	0	o/r	43	75	5	2500	StCu	8	A.St	10	*
Clacton-on-Sea	1006·5	+2	NNW	1	or₀r₀	40	92	5	1500	St	10	-	10	0
Shoeburyness	1006·7	+2	NE	1	or₀	39	85	6	800	St	10	-	10	*
Grain	1009·3	+2	-	0	o/r	41	92	6	1500	StCu	9	A.St	10	0
Lympne	1006·3	+2	NNW	3	o/r	40	92	6	800	St	7	A.St	10	*
Scilly (St. Mary's)	1010·6	0	NW	3	bc-	47	65	8	4000	Cu	1	A.Cu	5	6
Falmouth (Pendennis)	1011·7	0	NW	4	b	46	75	8	4000	Cu	1	Ci	3	0
Plymouth (Cattewater)	1007·4	+1	WNW	5	o	46	55	8	2500	StCu	4	ASt	4	2
Portland Bill	1008·4	+3	NW	5	bc	46	85	7	-	-	0	A.Cu	6	4
Southampton (Calshot)	1007·4	+2	NW	4	o+	47	65	8	2500	Cu	2	Ci	9	0
Dungeness	1006·9	+3	NNW	2	mo	43	97	5	800	St	10	-	10	3
Jersey	1000·9	+1	W	4	c+	48	75	8	4000	StCu	8	-	8	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. 9th								Yesterday.		To-day.
Kew	omdod	odgmoz	opqbof	*	*	27	0·1	3	0·5	*	*
Croydon (24 hours ended 0700)	omfr₀	oo₀m	or₀qpf	*	*	28	0·1	1	0·2	*	*
Greenwich (Royal Obsy.)	or₀o	or₀o	or₀cm	44	34	30	-	2	0·0	91	89
City (Bunhill Row)	*	*	*	*	*	*	*	*		*	*
Westminster (St. James' Pk.)	*	*	*								
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	0·0	*	-
Camden Sq.	ob₀o	o	*	45	35	29	-	2	*	*	91
Kensington Palace	o	o	*	45	35	29	-	3	*	80 (15h.)	93
Hampstead Observatory	*	*	*			*				*	

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.

Kew Observatory			
Max.	Time.	Min.	Time.

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.[1]

Time.	Type.	No. per 4 sec.	Stren.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
6h.	-	-	-	-
0?h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 9th & 10th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.10 / 5.8	11.55 / 11.54	6.39 / 6.40
Greenwich	5.21 / 5.18	12.2 / 12.1	6.43 / 6.44
Wick	5.20 / 5.17	12.14 / 12.13	7.? / 7.?
Valencia	6.0 / 5.58	12.43 / 12.42	7.25 / 7.26

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle, 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.

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

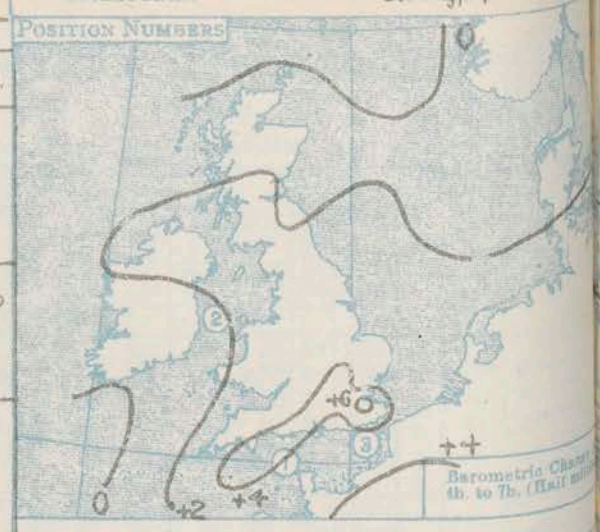
[1] For explanation, see Introduction. * Information for these columns not usually received. † The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h.-S. to 1h.	1h.-7h.	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	b bc	b.bc	b.bc	40	31	•	–	–	–	–	•
Stornoway	f	bc					•	–		–		
Wick	bo	ou	oo	oo	41	27	•	–	–	–	–	•
Castlebay	ocrsp	rsposm					•	2		–		
Nairn	cgc	c4o	ogcx	cxbc	42	27	•	–	–	–	–	0.2
Aberdeen	ssrso	oc	co	co	40	35	31	9	–	0400	–	2.4
Malin Head	c	oirir	c	am	44	35	•	1	4	1730	0230	6.4
Renfrew	omrp.	o.rrr.	cbcm	~~bbm~~	41	30	~~24~~ 23	3	trace	<0500	–	0.0
Edinburgh (Inchkeith)	oo	oo	s.rs	1cbnmx				–		–		•
Eskdalemuir	oosmq	oi.s.	oq	bbx	43	23	19	0.6	–	1230	–	0.6
Tynemouth	oo	ooim	c	ph.	41	36	•	–	trace	–	0630	•
Rinksod Point ...	p	bbc	b.bc	b.bcx	48	32	•	?	2	1100	2200	•
Donaghadee	bcs	bc	cqp	omprs	44	36	•	3	3	<0500	2200	•
Birr Castle	coph.	coPH	cPHR	co	50	32	23	0.6	1	1230	–	9.4
Baldonnell	cori	oiRHcbi	bcco	oo	48	33	26	1	–	1230	–	8.9
Holyhead	cm.obc	bcbc	orrcb	bbcm	46	35	33	–	trace	–	2200	7.1
Liverpool (Bidston) ...	dfm	ogm	odm		40	34	34	0.2	1	1100	2200	0.0
Chester (Shotwick) ...	orbidsfm	oidmen	oid.m	om	39	35	28	0.2	trace	<0800	2155	•
Spurn Head	oo	bbc	c	c	46	32	•	1	–	<0800	–	1.7
Nottingham	rr	rr	rr	oc	39	33	33	6	5	<0800	<2100	0.0
Cranwell	rrdd	ddpr	d.d.	mt	42	34	31	2	0.4	<0800	<2100	0.0
Gorleston	oqroc	oo	c	c	43	38	33	1	–	<0800	–	?
Valencia (Cahirciveen)	copc	cbcb	b	bccph	49	38	33	0.1	2	0400	2400	6.2
Roches Point	c	cp.b	bw	bbc	51	37	•	trace	trace	1530	–	•
Pembroke (St. Ann's H.)	c	c	b.bc	bbc	48	40	•	–	0.6	–	<2100	9.6
Ross-on-Wye	omoc	cyybcy	cvor.c	omom	50	34	30	–	0.3	–	2200	5.9
Benson...	oo	bc	b	r.om	47	30	23	0.1	0.2	–	0230	•
S. Farnborough ...	om	r.go	rrqffe	obcf	49	30	23	trace	0.5	1630	0530	1.1
London (Kew Obsy.) ...	omdomd	od.roz	ofqcbbmbmofw		43	34	27	0.1	3	<2300	<2100	0.5
Croydon	omf.r.	od.m	o.cfqPmfomF		44	32	28	0.1	1	<0800	<2100	0.2
Cleton-on-Sea ...	ogr	ogr	ogrm	ogrs	43	35	32	3	4	<0800	<2100	0.0
Shoeburyness	oir.	oir.	o	oir.	43	34	30	2	trace	<0800	<2100	0.0
Grain	oir.o	or.ro	oco	ocbc	43	35	30	c	–	<0800	–	0.0
Lympne	omrsrd.	omr	~~[illegible]~~ o.c.bc.b	bbccor	42	34	29	1	1	<2300	0330	0.2
Scilly (St. Mary's) ...	bc	bc	bc	bc	50	44	•	–	–	–	–	5.5
Falmouth (Pendennis)	cmbc	bc	bbc	b	50	40	•	–	–	–	–	7.3
Plymouth (Cattewater)	c	c	cbc	bbc	49	34	24	–	–	–	–	8.0
Portland Bill	c	c	cbc	bcb	47	40	•	–	–	–	–	•
Southampton (Calshot)	c	p	c	bcbx	49	31	27	trace	–	0400	–	2.7
Dungeness	c	odm	rd	cx	44	33	•	0.3	1	<0800	<2100	•
Jersey	oa.ob	bco	o	bopb	51	39	•	–	0.4	–	0530	4.3

ISALLOBARS. Sunday, April 9th



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	8th 1600	Hibernia	NNW	4	bv	44	46
1	8th 1200	Reindeer	NW'N	4	d-	49	45
3	9th 0200	Dieppe	–	0	bc	43	44

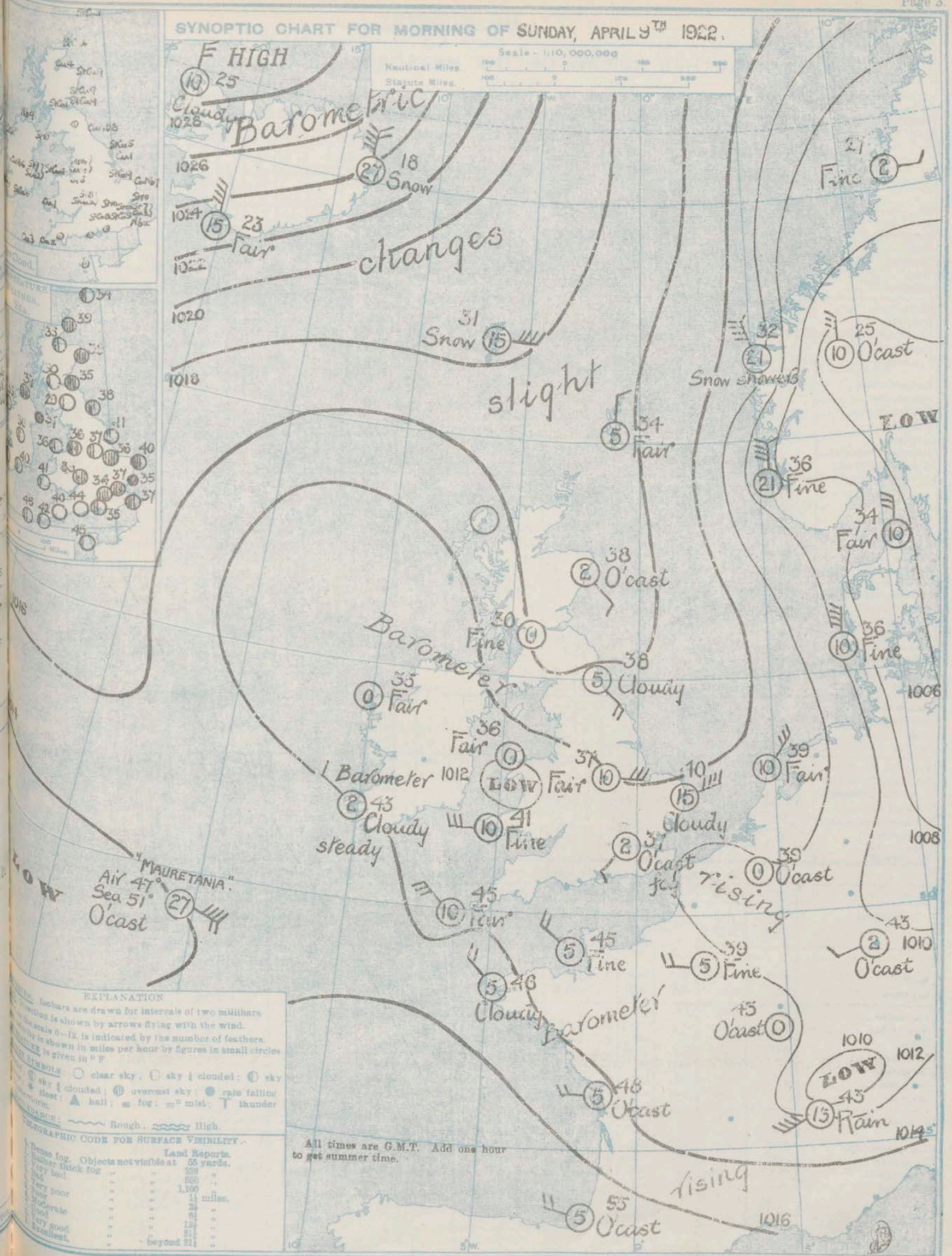
GENERAL INFERENCE.

The pressure distribution has become irregular over the British Isles and the barometer continues to rise generally. A period with light variable winds and mainly fair weather is probable though overcast skies are likely in places. Further depressions indicated over the Atlantic will cause an early return to unsettled conditions and temperature will remain generally low.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 9th April, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light variable winds; mainly fair but dull in places; some mist or fog; cold.	
5. S.W. England 6. South Wales	Light North-East or variable winds; fine with good visibility, later wind freshening from between E and S., with less settled conditions; little change of temperature	Unsettled with generally low temperature.
7. North Wales 8. N.W. England 9. N. Midlands	Light Easterly or variable winds; fair generally; some mist or fog; little change of temperature	
10. N.E. England 11. E. Scotland	Light winds mainly between North and East; fair or cloudy; showers of rain or sleet in places; visibility good, cold	
12. S.W. Scotland 13. Isle of Man	Same as 7 to 9	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Same as 10 and 11.	
17. N.W. Ireland 18. N.E. Ireland	Same as 7 to 9.	
19. S.E. Ireland 20. S.W. Ireland	Same as 5 and 6	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 14.15 GMT G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Sunday 9th APRIL ... 1922. No. 99

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	Sun. 0-9
Lerwick	1016.9	0	–	0	b	34	65	7	–	–	0	Ci	1	•
Stornoway	1015.4	+3	SE	4	bc-	•	•	7	•	•	•	•	•	•
Wick	1016.1	+1	ESE	4	0	39	92	8	5750	StCu	9	–	9	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1010.6	+3	SSW	1	0+	39	97	–	5750	No	9	–	9	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1013.3	+4	E	4	bc	36	75	9	–	StCu	2	–	2	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1012.7	+3	SE	3	C+	39	85	7	4000	StCu	8	–	8	•
Blacksod Point ..	1010.0	0	W	1	bc/r	38	85	5	1500	Cu	4	–	4	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1011.5	+4	–	0	0	35	97	1	1500	Sr	10	–	10	•
Holyhead	1009.8	+2	E'S	1	b/r	•	•	•	–	–	0	–	0	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1011.2	+3	E	4	C	39	92	6	4000	StCu	3	A.Sr	8	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1011.9	+3	NNW	2	b/r	35	97	6	800	StCu	10	–	10	•
Gorleston	1009.7	+1	E	4	C+	40	85	7	4000	CuNb	8	–	8	•
Pulham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1013.2	+3	NNW	5	bc/r	44	92	6	–	No	5	–	5	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1010.5	+3	NW	3	b	42	85	9	–	–	0	–	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	•	•	•	•	•	35	•	•	•	•	•	•	•	•
Croydon	1010.2	+2	–	0	0/r	33	97	5	1500	Sr	10	–	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1009.3	+2	NNW	2	0/r	35	97	7	1500	Sr	3	–	3	•
Scilly (St. Mary's) ...	1011.9	+3	NNW	3	bc	43	85	8	4000	Cu	4	–	4	•
Falmouth (Pendennis)	1012.9	+2	NNW	3	b-	43	85	8	5750	Cu	2	–	2	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1000.5	+3	NNW	4	bc-	42	85	7	–	–	0	CiCu	4	•
Southampton (Calshot)	1010.3	+1	WNW	2	c	37	85	8	–	–	0	ACu	7	•
Dungeness	1008.9	+1	–	0	b/r	38	97	7	–	–	0	–	0	•
Jersey 7h }	1012.1	+3	NNW	3	bc-	43	75	7	5750	Cu	4	ACu	6	•
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
Lerwick	1006.8	0	N	1	b	34	75	8	5750	StCu	1	CiCu	3
Stornoway	1014.2	0	S	4	bc-	42	65	7	4000	Cu	3	–	3
Wick	1016.3	0	S	1	0-	39	92	9	5750	StCu	6	ASr	9
Castlebay	1014.1	+1	ESE	4	C	39	75	6	1500	St	7	–	7
Nairn	1016.7	•	E	1	bc-	35	75	8	4000	Cu	4	–	4
Aberdeen	1017.2	+1	SE	1	0	36	65	8	2500	StCu	9	–	9
Malin Head	1012.3	+2	S	2	0	37	97	6	5750	No	9	–	9
Renfrew	1016.2	+3	–	0	b	30	85	6	5750	StCu	1	–	1
Edinburgh (Inchkeith)	1016.5	+1	ESE	1	0-	35	85	8	–	StCu	9	–	9
Eskdalemuir	1016.2	+2	NE	1	b	29	85	8	–	–	0	CiSr	1
Tynemouth	1015.2	+3	SE	2	c/h	38	75	8	4000	CuNb	8	–	8
Blacksod Point ..	1012.3	+2	–	0	b	35	92	9	–	Sr	3	–	3
Donaghadee	1014.1	+3	SE	4	ors	37	97	7	2500	Sr	10	–	10
Birr Castle	1012.4	•	S	1	bc-	36	97	7	2500	CuNb	6	–	6
Baldonnell	1013.0	+1	SW	1	0	36	92	7	1500	Sr	9	–	9
Holyhead	1012.0	+3	–	0	bc	36	92	6	2000	StCu	4	–	4
Liverpool (Bidston) ...	1013.3	+2	E'S	3	ffo	36	92	5	800	Nb	10	–	10
Chester (Shotwick) ...	1012.7	+3	SE	1	0	36	92	5	2500	Sr	5	ASr	10
Spurn Head	1014.6	+3	E	4	bc	41	85	7	4000	Cu	1	CiSr	6
Nottingham	1013.8	•	E	3	bc-	37	85	6	–	–	0	ACu	5
Cranwell	1014.3	+4	ENE	3	0	36	85	7	2000	StCu	9	–	9
Gorleston	1012.8	+3	ENE	4	C+	40	85	7	4000	CuNb	7	–	7
Pulham													
Valencia (Cahirciveen)	1014.1	+1	NNW	1	C+	43	75	9	4000	StCu	7	–	7
Roches Point	1013.9	0	NW	3	bc+	40	92	8	1500	StCu	4	–	4
Pembroke (St. Ann's H.)	1013.1	+2	W	3	b	41	85	8	4000	Cu	1	–	1
Ross-on-Wye	1012.7	+3	–	0	mmo	33	97	4	800	Sr	10	–	10
Benson...	1012.8	+4	–	0	mmo	34	97	4	–	Sr	10	–	10
S. Farnborough ...	1012.6	+3	E'N	1	FFo	35	97	1	2150	Sr	10	–	10
London (Kew Obsy.)...	1013.3	+4	SW	1	ffo	37	97	3	800	Sr	10	–	10
Croydon	1013.2	+4	–	0	fo	36	97	3	450	StCu	9	–	9
Clacton-on-Sea ...	1012.9	+4	E	2	ors	35	97	5	1500	Sr	10	–	10
Shoeburyness	1013.2	+5	NE	4	0-	37	85	6	1500	Sr	9	–	9
Grain	1012.3	+4	NE	4	bc	37	92	7	4000	StCu	1	ASr	9
Lympne	1012.5	+4	N	2	0	35	97	7	1500	Sr	5	ACu	5
Scilly (St. Mary's) ...	1013.6	+2	NNW	3	b	45	75	8	4000	Cu	3	–	3
Falmouth (Pendennis)	1013.9	+5	N	2	b	42	85	8	5750	Cu	2	–	2
Plymouth (Cattewater)	1013.7	+4	–	0	b	40	85	7	–	–	0	–	0
Portland Bill	1012.5	+4	NW	3	b-	44	85	7	–	–	0	–	0
Southampton (Calshot)	1012.5	+3	NNW	3	b	35	92	6	–	–	0	–	0
Dungeness	1012.1	+3	N	2	c	37	97	7	2500	No	2	ACu	7
Jersey 7h }	1013.6	+1	NW	2	b/r	45	85	8	–	–	0	CiCu	1
Guernsey 1h }													

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 7th	Temperature. Max. Day 8th	Rainfall.† Night 19h.-9h. 7-8	Rainfall.† Day 9h.-19h. 8th	Sunshine. Sunrise to 9h. 7th	Sunshine. Sunrise to Sunset 7th
			°F.	°F.	mm.	mm.	hr.	
Banff	co	cbc	33	44	3	–	3.1	9.2
Montrose	c	cp	28	43	–	0.3	1.0	10.3
Llandudno	oo	oc	34	40	4	–	0.9	0.6
Colwyn Bay ...	oc	cbcc	35	40	3	–	?	8.0
Rhyl...	op	ob	35	40	1	0.2	0.0	0.3
Southport	r	or	35	39	1	1	0.0	0.9
Blackpool	o	or	34	38	–	3	0.0	0.8
Harrogate	ofr	ofr	30	45	3	5	0.0	0.1
Skegness	o	o	36	45	1	–	1.1	0.8
Aberystwyth ...	rcb	bbc	38	47	1	–	7.7	0.0
Bath	bccb	bbcco	38	51	2	–	5.0	0.0
Leamington Spa ...	odu	cb	35	44	2	2	0.5	0.0
Lowestoft	or	o	39	43	1	1	0.0	4.3
Felixstowe	omr	omd	39	43	1	1	0.0	0.6
Southend	or	or	39	43	3	1	0.0	0.0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 7th	Temperature. Max. Day 8th	Rainfall.† Night 19h.-9h. 7-8	Rainfall.† Day 9h.-19h. 8th	Sunshine. Sunrise to 9h. 7th	Sunshine. Sunrise to Sunset 7th
			°F.	°F.	mm.	mm.	hr.	
Paignton	bc	bcbcq	39	54	?	–	7.9	0.0
Ilfracombe	b	b	35	48	1	–	9.5	0.5
Bude	bc	bc	43	51	3	–	7.0	0.0
Penzance							7.5	0.0
Falmouth Observatory	bc	bcc	41	51	2	–	7.7	0.0
Torquay	b	b	40	54	3	–	5.9	0.0
Weymouth	bc	bcc	38	52	2	–	5.1	0.0
Bournemouth ...	bc	bcc	38	52	2	–	2.5	0.0
Portsmouth (Southsea)	bc	bc	40	50	2	–	1.2	0.0
Worthing	oc	oa	40	50	1	–	1.4	0.0
Brighton	oc	co	43	49	2	–	1.4	0.0
Eastbourne .. .	oco	occ	40	48	2	–		0.0
Hastings	odoc	coco	40	46	2	trace	0.9	0.0
Folkestone	r	o	36	49	3	1	0.0	0.0
Tunbridge Wells ...	oog	og	39	45	3	–	0.1	0.1
Ramsgate	o	o	39	46	4	–	0.0	0.0
Margate	o	o	40	43	4	–	0.0	0.0
Deal	o	od	40	43	0	–	0.0	

* 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. 22054 Monday, 10th APRIL 1922. Page 1.

Stations	1300 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	1800 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	1016.9	-2	N	1	b-	41	55	8	-	-	0	A.Cu	2	•	1015.1	-2	WSW	1	c+	38	65	8	5750	Cu.Nb	3	A.St	7	0
Stornoway	1013.9	-1	S	5	b	46	55	7	4000	Cu	3	·	3	•	1010.8	-4	SSW	5	b-	43	75	7	-	-	0	-	0	7
Wick	1015.5	-1	S	4	bc-	42	92	8	5750	St.Cu	3	A.Cu	5	•	1012.7	-3	S	4	bc	41	97	8	5750	Cu	2	Ci	5	3
Castlebay	1014.1	0	SSE	5	c	42	75	6	1500	St.Cu	8	-	8	•	1011.6	-2	S	5	m	43	75	6	1500	St.Cu	6	-	6	5
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.5	•	S	1	bc	39	65	8	4000	Cu	4	-	4	•
Aberdeen	1017.5	0	S'E	3	bc-	43	55	8	2500	St.Cu	4	-	4	•	1015.7	-2	S'E	3	b-	39	65	7	2500	St.Cu	1	-	1	0
Malin Head	1013.6	0	S	3	c+	42	97	7	4000	Cu	7	-	7	•	1012.2	-2	S	3	bc-	42	97	6	-	-	0	A.Cu	5	1
Renfrew	1016.0	-1	SE	2	cjp	46	55	6	2500	St.Cu	8	-	8	•	1014.0	-2	SSW	2	c-	45	55	6	2500	St.Cu	7	-	7	•
Edinburgh (Inchkeith)	1016.6	+1	S	2	c	44	55	8	-	St.Cu	8	-	8	•	1014.5	-3	SSE	3	b-	43	65	7	-	-	0	A.Cu	3	3
Eskdalemuir	1015.9	0	SE	2	c	41	55	7	2500	Cu	7	-	7	•	1014.9	-1	SSE	3	b	39	65	7	4000	Cu	3	-	3	•
Tynemouth	1017.4	+1	SE	3	b	43	65	8	4000	Cu	3	-	3	•	1016.4	-2	SE	3	b	39	75	5	-	-	0	A.St	3	1
Blacksod Point ...	1013.6	+1	W	2	bc	49	75	9	-	St	4	-	4	•	1010.5	-1	NW	2	bc	49	85	9	-	St.	4	-	4	0
Donaghadee	1015.3	+1	SE	4	c-	42	85	8	5750	Cu	8	-	8	•	1014.7	-1	SE	2	bc+	40	85	8	5750	Cu	4	-	4	4
Birr Castle	1012.7	•	NW	1	c+	49	75	8	4000	Cu	7	-	7	•	1011.6	•	W	1	b-	48	75	9	4000	Cu.Nb	3	·	3	•
Baldonnell	1012.9	-1	SW	1	c-	48	65	7	2500	Cu	7	-	7	•	1012.8	-1	ENE	2	b	44	75	7	2500	Cu	2	-	2	•
Holyhead	1013.7	+1	SSE	2	or₀r₀	41	85	6	1500	Nb	10	-	10	•	1013.0	-1	E'N	3	bc-	42	92	7	2500	Cu	4	-	4	6
Liverpool (Bidston) ...	1014.9	0	SE'E	3	o	39	85	4	1500	St	10	-	10	•	1014.1	-1	SE	3	cpr₀	39	85	5	2500	Nb	6	A.St	8	3
Chester (Shotwick) ...	1014.2	0	SE	3	or₀r₀	40	85	5	1500	St	10	-	10	•	1013.8	0	ESE	1	o/r	39	85	5	2500	St.	9	A.St	10	•
Spurn Head	1016.7	+2	E	4	c	45	85	8	4000	St.Cu	3	Ci.St	7	•	1016.7	0	ESE	4	o	40	92	8	-	St.Cu	3	Ci.St	9	4
...ttingham	1015.1	•	E	3	c+	45	65	7	1500	Cu.Nb	5	Ci.St	7	•	1015.7	•	E	2	o+	38	97	6	800	Cu.Nb	8	Ci.St	9	•
Cranwell	1016.3	+1	ESE	3	o+	45	65	7	2500	Cu	7	Ci	9	•	1016.9	+1	SSE	3	orsrs	36	97	6	450	Nb	10	-	10	•
Gorleston	1016.5	+2	SE	4	b-	42	75	7	4000	Cu.Nb	1	Ci.Cu	2	•	1017.5	+1	SE	3	bc+	40	75	7	-	-	0	Ci.Cu	6	1
... ...														•														•
Valencia (Cahirciveen)	1014.1	0	W	3	c	46	65	9	4000	Cu	3	A.Cu	7	•	1011.8	-3	NW	2	b	48	75	9	4000	Cu	1	-	1	0
Roches Point	1013.7	0	SW	3	cpr₀	47	92	8	2500	Cu.Nb	8	-	8	•	1011.9	-3	SW	3	b-	49	92	8	2500	Cu.Nb	3	-	3	3
Pembroke (St. Ann's H.)	1014.0	+1	SW	2	bc+	45	85	8	4000	Cu	4	-	4	•	1013.9	-1	S	3	b	44	85	8	4000	Cu	2	-	2	3
Ross-on-Wye	1014.1	+1	ENE	3	opr₀	43	85	5	2500	Nb	9	-	9	•	1014.4	+1	NE	1	c	38	92	6	2500	Cu.Nb	7	Ci.Cu	8	•
...nson...	1014.6	+2	E	1	o	41	85	4	-	St	10	-	10	•	1014.2	-1	S	2	c-	43	85	5	-	Cu	8	-	8	•
Farnborough	1014.7	+1	ENE	2	or₀	45	75	6	1500	St.Cu	10	-	10	•	1015.2	0	S'E	3	bcjp	41	85	6	2500	St.Cu	4	A.Cu	5	•
London (Kew Obsy.) ...	1015.3	+1	E'N	2	c/f	44	75	5	2500	St	4	A.Cu	8	•	1016.1	+2	SE	1	orr	41	85	6	1500	Nb	8	A.St	10	•
Croydon	1015.4	+1	NE'E	3	c-	44	75	6	2500	St.Cu	5	A.Cu	8	•	1016.0	+1	SSE	2	o/r	39	92	6	2500	St.Cu	7	A.St	9	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.3	+2	E	3	bc/(r)	42	85	7	1500	Cu	4	-	4	0
Shoeburyness	1015.9	+2	E'S	3	c	43	75	8	2500	St.Cu	8	-	8	•	1016.5	0	SE	3	b	41	75	8	4000	Cu	2	-	2	•
... ...	1016.1	+2	ENE	1	or₀	40	97	8	1500	Nb	7	A.St	10	•	1016.6	0	E	3	b-	41	85	7	4000	St.Cu	1	A.St	3	0
Lympne	1014.8	0	NE	5	bc-	44	75	8	2500	St	4	A.Cu	6	•	1016.1	+1	ENE	4	b-	40	85	8	1500	St	2	A.Cu	3	•
Scilly (St. Mary's) ...	1015.7	0	NW	1	b	51	65	8	4000	Cu	3	-	3	•	1013.2	-2	S'E	1	b	48	65	8	4000	Cu	1	A.Cu	3	2
Falmouth (Pendennis)	1015.3	0	SSE	3	bc	51	75	8	5750	Cu	4	-	4	•	1013.7	0	WSW	4	bc	50	75	9	5750	Cu	4	-	4	0
Plymouth (Cattewater)	1014.7	+1	SW	3	bc-	51	55	8	4000	St.Cu	6	-	6	•	1014.1	0	SW	3	bc	47	75	8	1500	St.Cu	4	Ci	6	1
Portland Bill	1015.4	+3	W'S	4	b+	46	85	7	-	-	0	A.Cu	2	•	1015.4	0	WSW	4	b	45	85	7	-	-	0	A.Cu	2	3
...hampton (Calshot)	1014.5	+1	SSE	3	o+	46	75	7	4000	Cu	9	-	9	•	1015.2	0	ESE	4	c/r	43	85	7	4000	St.Cu	7	-	7	0
Dungeness	1014.6	+3	ENE	3	bc-	46	75	7	2500	Cu	4	-	4	•	1015.3	+2	ENE	4	b	43	85	8	-	-	0	A.Cu	3	4
Jersey	1016.0	+1	WNW	3	b	51	65	8	4000	St.Cu	2	-	2	•	1014.9	0	ESE	2	b	49	65	5	-	-	0	-	0	0

Observations at 1300 G.M.T. 9th; Observations at 1800 G.M.T. 9th.

London Observations

24 Hours ended 0900 G.M.T. 10th (Humidity: 15h. Yesterday; 9h. To-day)

Station	Weather Morning	Weather Afternoon	Weather Night	Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
...	oppzzz	omjzomj	cmbm	•	•	25	0.3	1	1.2	•	•
...don } 24 hours ended 0700	ofmz	oghqz	becom	•	•	29	tr	tr	1.8	•	•
Greenwich (Royal Obsy.) ..	o	bc.cr	bcebxd	48	31	26	-	-	2.8	70	83
... (Bunhill Row)	•	•	•	•	•	-	•	•	2.0	•	•
Westminster (St. James' Pk.)	obc	o	om	47	36	28	-	-	?	78	80
...s Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	2.0	•	-
...en Sq. ..	odc	ococo	•	47	33	27	-	-	•	•	83
...gton Palace	o	o	•	47	34	27	-	0.3	•	34 (18h.)	85
...ead Observatory ..	•	cop	of	43	32	25	tr	-	2.6	•	86

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

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

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

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 9th 20 h. 0 m. to 10th 4 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8.0	7.45	97
δ Ursae Minoris	8.0	7.17	91

Wind Disturbances (Atmospherics) at Croydon.[1]

Type.	No. per 4 sec.	Stren.	Direc.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 10th & 11th Apl. 1922

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ...	5.8 / 5.6	11.54 / 11.54	6.40 / 6.41
Greenwich ...	5.18 / 5.16	12.1 / 12.1	6.44 / 6.46
Wick	5.17 / 5.14	12.13 / 12.13	7.9 / 7.11
Valencia ...	5.58 / 5.56	12.42 / 12.42	7.26 / 7.28

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, 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.

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

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

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

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

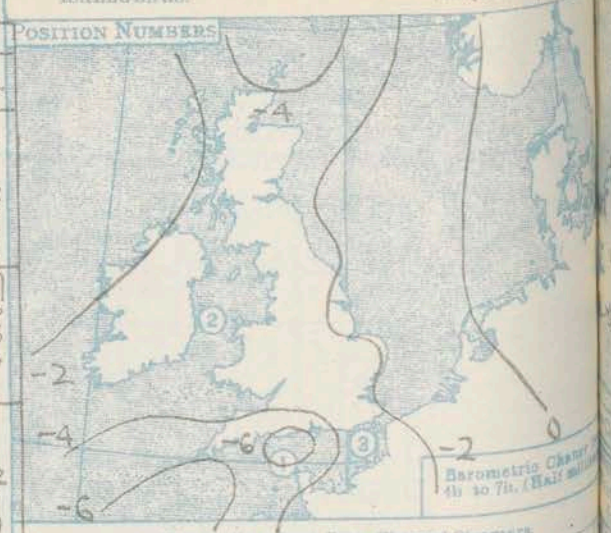
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 9h	18h.-18h. 9h	18h. 9 to 1h. 10	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	b bc	b bc	c	oo	42	37	•	-	trace	-	2.30	•
Stornoway	b r b c	b r b c	c	b c p	48	35	•	3	27	-	?	9.5
Wick	b b c	b b c	b r b e	b r b e	42	37	•	-	-	-	-	•
Castlebay			c m s o p	o p r r c	43	39	•				-	6.5
Nairn	b c		b c m	c m o	49	30	•	-	-	-	-	11.3
Aberdeen	o c b c	b c b	b. b m	b m m	44	34	29	-	-	-	-	7.8
Malin Head	o o	b c m	b e r	c p	43	34	•	-	1	-	<2100	7.7
Renfrew	b b c z	c z	b b e m x	o m f x	48	28	20	-	trace	-	-	9.6
Edinburgh (Inchkeith)	c	b b c	c	c	45	34	30	-	-	-	-	5.5
Eskdalemuir	b b c c	c b c b	b o	o o	43	30	24	-	-	-	-	8.4
Tynemouth	b c	b c	m	o o m	44	36	33	-	-	-	-	•
Blacksod Point ...	b b c	b b c	b r b e	b r b e	49	33	•	-	-	-	-	•
Donaghadee	c p r s	b c m	c m	c m	43	32	•	4	-	<0850	-	•
Birr Castle	c o b c	b c	b c	b c x	51	26	20	-	-	-	-	10.2
Baldonnell	c	b b c	b r b e	b x	50	29	18	-	-	-	-	8.7
Holyhead	o r r m	o c b c	b c b	b. b c c	47	35	33	0.2	-	1100	-	4.7
Liverpool (Bidston) ...	r r d	r r d	b m x		43	34	30	0.4	-	1330	-	0.1
Chester (Shotwick) ...	o p r m	o p d R r o	o b e m	b c o r o m	~~50~~ 43	34	31	1	trace	0900	5.30	•
Spurn Head	c	c	b r b e	b r b e	46	37	•	-	-	-	-	8.5
Nottingham	c	c p	c	c	46	34	31	0.4	-	1430	-	2.3
Cranwell	c b c c	r r s	r s o b c	b b e m m	46	27	22	2	1	1630	<2100	6.1
Gorleston	b b c	b b c c	b r b e	b r b c	45	38	36	-	-	-	-	?
Valencia (Cahirciveen)	c b c	c b c b	b	b b c h	49	35	30	-	-	-	-	11.1
Roches Point	c p	c p b	h	b. b c c	51	38	•	0.2	trace	1100	-	•
Pembroke (St. Ann's H.)	b b c	b b c	b r b e	b r b e	47	38	•	-	-	-	-	8.3
Ross-on-Wye	o m c m	b c m c z	c p b e b b e	c m o m	47	34	27	3	0.1	1230	<2100	2.0
Benson...	o	o	r o	o	46	32	24	-	0.2	-	<2100	•
S. Farnborough ...	r o	c m b c m	b e m r o m	o m	48	29	22	trace	trace	1330	<2100	1.2
London (New Obsy.) ...	o p c c z	o n t g n r	e m b m	o f c o m u c	47	34	25	0.3	1	1730	<2100	1.2
Croydon	o f m z	o p h z	b c w m	b f c o m	46	34	29	trace	trace	1630	-	1.8
Clacton-on-Sea ...	o g p	r s r b c	b c	b c	44	40	35	2	-	<0800	-	4.1
Shoeburyness	o i r o c	c	b	b e m	43	36	32	0.3	-	1330	-	3.0
Grain	o i r o	o i r o b	b b c	b b c	43	35	29	trace	trace	1100	-	4.9
Lympne	o c b c	b c b c p r	b r b c	b b c c m	44	36	31	0.2	trace	1430	-	6.9
Scilly (St. Mary's) ...	b	b	b c c	o g	51	43	•	-	-	-	-	11.6
Falmouth (Pendennis)	b	b	b	b c d	54	40	•	-	-	-	-	11.0
Plymouth (Cattewater)	b b c	c	c		52	37	28	-	-	-	-	10.3
Portland Bill	b b c	b b c	b r b c	b c o	48	40	•	-	-	-	-	•
Southampton (Calshot)	c	o r r o p c	b r b c	c	47	37	36	0.5	-	1330	-	6.8
Dungeness	c	b b c	b r b c	c	47	39	•	-	-	-	-	•
Jersey	b	b	b w	b o	53	43	•	-	-	-	-	11.3

ISALLOBARS. 10th April

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	9th 1000	Hibernia	WNW	4	03	42	45
3	10th 0200	Arundel	SE	2	bc	42	46

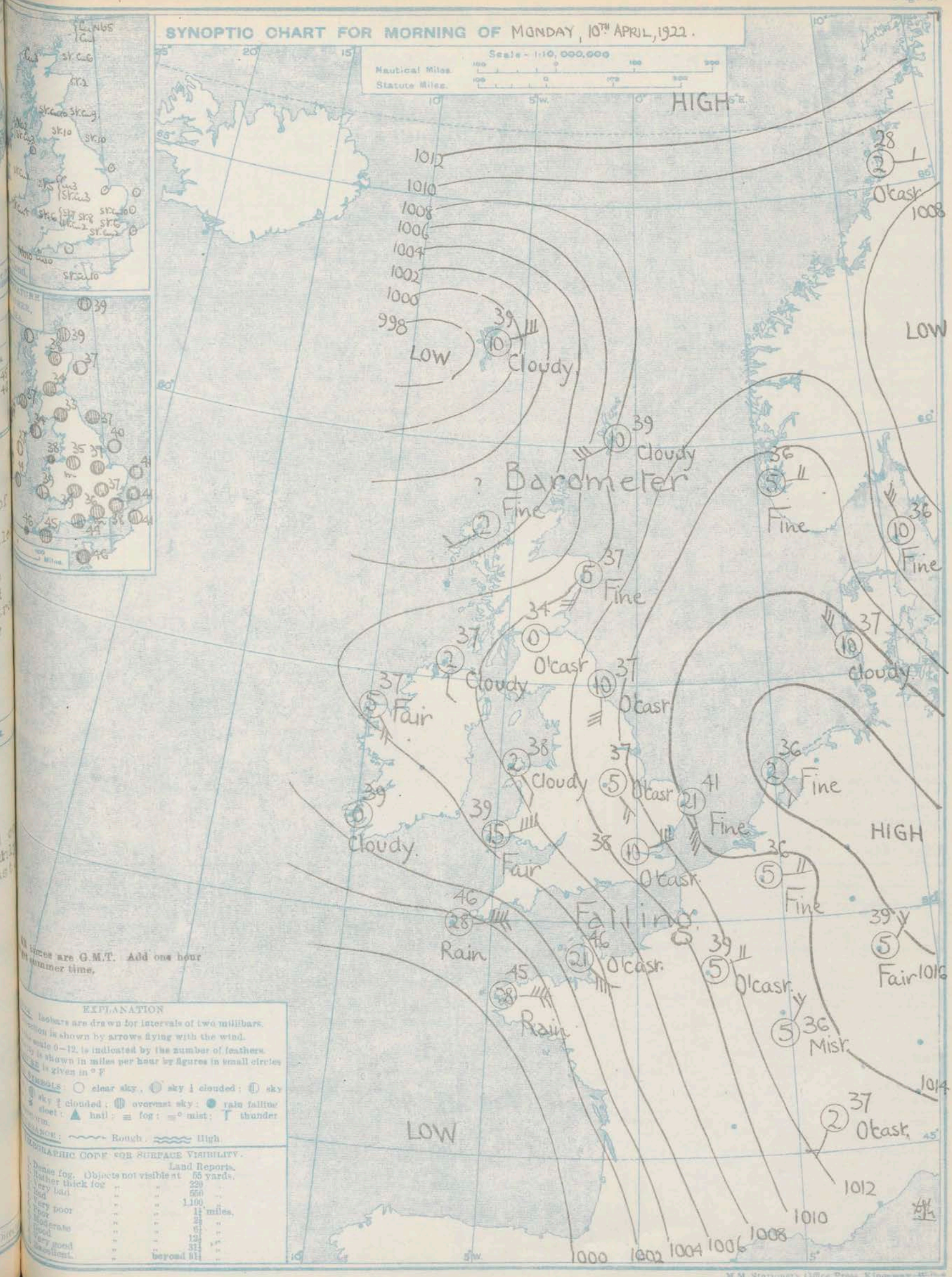
GENERAL INFERENCE.

Depressions over the Bay of Biscay and off NW. Scotland will cause cloudy and unsettled weather generally. Over Southern England considerable falls of rain are likely, and the East wind will become strong possibly reaching gale force in the Channel.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 10th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Strong East wind; cloudy to rainy; visibility moderate to good; moderate temperature at first becoming colder again later.	Unsettled and c with winds mainly from North-east
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind light or moderate in force, variable in direction; mainly cloudy; some rain; visibility poor to moderate; cold.	--------
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate to fresh SW, wind, becoming N. or NE. on Tuesday; much cloud, some rain or sleet; visibility poor to moderate; cold.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 10	
19. S.E. Ireland 20. S.W. Ireland	Moderate to fresh East wind, backing to N.E. or N. later; much cloud, some rain; visibilitymoderate to good; rather cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.05 G.M.T. G. C. SIMPSON, F.R.S., Dir.

† For Code see opposite page.



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

EXPLANATION

Isobars are drawn for intervals of two millibars.

Direction is shown by arrows flying with the wind.

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

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

Temperature is given in °F

SYMBOLS: ○ clear sky, ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ overcast sky; ● rain falling; ▲ hail; ≡ fog; ⁼° mist; ⊤ thunder; ⊥ storm.

SEA STATE: Rough. High.

BAROMETRIC COPY FOR SURFACE VISIBILITY.

	Land Reports.
Dense fog. Objects not visible at	55 yards.
Rather thick fog " "	220 "
Very bad " "	550 "
Bad " "	1,100 "
Very poor " "	1¼ miles.
Poor " "	2½ "
Moderate " "	6½ "
Good " "	12½ "
Very good " "	31½ "
Excellent. " "	beyond 31½ "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday, 10th APRIL 1922. No. 100

Observations at 0100 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	1011.9	-4	SSW	2	0+	39	75	7	-	-	0	ASt	10	*
Stornoway	1007.8	-4	SW	5	0+	*	*	5	*	*	*	*	*	*
Wick	1009.3	-3	SSW	4	b	39	92	8	-	-	0	CiCu	3	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1009.7	-2	-	0	b-	36	97	7	-	-	0	-	0	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1012.9	-1	S	2	c	36	75	7	-	StCu	7	-	7	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1014.1	-4	SSE	3	0	38	85	6	4000	St	10	-	10	*
Blacksod Point ...	1009.1	-2	NW	3	bc	34	97	5	-	Cu	4	-	4	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1010.9	-2	-	0	b	37	97	8	-	-	0	-	0	*
Holyhead	1011.4	-2	ESE	1	b	*	*	7	2500	Cu	1	-	1	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1014.9	-2	SSE	5	b	38	92	7	1500	St	1	-	1	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1015.9	-1	SW'S	3	bc+	32	97	6	4000	StCu	2	ASt	4	*
Gorleston	1016.4	-1	SSE	5	b-	40	65	7	-	-	0	-	0	*
... ...														*
Valencia (Cahirciveen)	1009.2	-3	E	3	b	41	92	6	*	*	*	*	*	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1011.5	-2	SSW	1	bc	42	92	8	4000	Cu	4	-	4	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	36	*	*	*	*	*	*	*	*
Croydon	1014.8	-2	SE	2	bc	35	97	6	-	-	0	Ci	5	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1014.4	-2	ENE	3	b	37	92	8	-	-	0	-	0	*
Scilly (St. Mary's) ...	1009.0	-4	ESE	5	c	45	75	8	4000	StCu	4	ASt	8	*
Falmouth (Pendennis)	1010.7	-4	NW	5	b	42	92	8	5750	Cu	2	-	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1015.4	0	SW	3	bc	44	85	7	-	-	0	CiCu	4	*
Southampton (Calshot)	1013.0	-4	ENE	4	b	40	92	7	-	-	0	-	0	*
Dungeness	1014.3	-1	E	3	b-	41	97	7	-	-	0	CiCu	1	*
Jersey 7h } Guernsey 1h }	1011.4	-4	E	5	0⊕	42	85	9	5750	StCu	7	CiSt	10	*

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	1008.5	-4	SW	3	bc-	39	65	7	4000	CuNb	6	-	6	2
Stornoway	1003.4	-2	SW	1	b-	35	85	6	4000	Cu	3	-	3	0
Wick	1005.2	-4	SSW	5	c+	39	97	7	5750	StCu	6	Ci	8	4
Castlebay	1005.4	-1	NW	2	bc	39	85	7	1500	St	6	-	6	1
Nairn	1005.2	*	-	0	0+	38	75	7	2500	St	9	-	9	0
Aberdeen	1009.1	-2	SW'S	2	b	37	85	5	1500	St	2	-	2	0
Malin Head	1006.5	-3	S	1	c-	37	97	7	5750	Nb	7	-	7	0
Renfrew	1008.1	-3	ENE	1	0	33	92	3	4000	StCu	10	-	10	*
Edinburgh (Inchkeith)	1008.9	-2	SW	1	mo	37	85	6	-	StCu	9	-	9	*
Eskdalemuir	1009.7	-3	-	0	0	34	92	6	1500	St	10	-	10	*
Tynemouth	1010.8	-3	S	3	0	37	85	6	2500	St	10	-	10	1
Blacksod Point ...	1006.5	-2	SE	2	bc	37	92	9	-	St	4	-	4	0
Donaghadee	1009.5	-2	W	1	mbc	34	92	6	-	-	0	ASt	2	0
Birr Castle	1006.7	*	W	1	b-	27	97	7	4000	StCu	2	-	2	*
Baldonnell	1007.6	-4	-	0	b-	29	92	8	4000	StCu	1	ASt	7	1
Holyhead	1008.5	-2	SE'S	1	cjb	38	97	8	1500	St	5	ACu	6	3
Liverpool (Bidston) ...	1008.9	-2	SE	3	mbc-	35	85	5	1500	Cu	6	-	10	*
Chester (Shotwick) ...	1008.4	-3	SSE	2	0/r	36	97	5	800	St	10	-	*	*
Spurn Head	1012.3	-2	SSE	5	b	40	92	8	-	-	0	-	0	4
Nottingham	1011.2	*	SE	2	0+	37	92	6	-	-	0	ASt	9	*
Cranwell	1012.4	-4	SE'S	3	0	32	97	6	1500	StCu	9	-	9	*
Gorleston	1014.3	-1	S'E	5	b	41	75	7	-	-	0	CiCu	1	A
Valencia (Cahirciveen)	1004.7	-3	-	0	bc+	39	85	9	-	-	0	ACu	6	0
Roches Point	1004.8	-3	SE	4	c+	44	92	8	1500	StCu	4	CiCu	8	3
Pembroke (St. Ann's H.)	1006.4	-3	ENE	4	bc+	39	92	7	2500	St	6	-	6	*
Ross-on-Wye	1009.4	-2	NE	2	0	39	85	6	1500	St	9	-	9	*
Benson...	1010.4	-3	ESE	2	0	37	97	5	-	StCu	10	-	10	*
S. Farnborough ...	1010.6	-3	E	2	mmo	36	97	5	800	St	10	-	10	*
London (Kew Obsy.)...	1010.9	-2	ENE	3	of	38	92	3	2500	St	6	Ci	9	*
Croydon	1011.7	-2	SE	3	0	38	85	5	1500	St	10	-	10	0
Clacton-on-Sea ...	1011.7	-2	SE	4	b	41	92	7	-	-	0	ACu	3	*
Shoeburyness	1010.8	-3	ESE	3	mmbc	39	75	6	-	-	0	ASt	4	0
Grain	1011.7	-2	E	2	bc	37	92	6	-	-	0	Ci	6	*
Lympne	1011.4	-3	E'S	4	0	36	97	5	450	St	7	CiSt	9	*
Scilly (St. Mary's) ...	1001.9	-7	E	6	0⊕	46	85	7	2500	Nb	10	-	10	6
Falmouth (Pendennis)	1002.9	-6	E	8	0+	45	85	8	5750	Cu	10	-	10	4
Plymouth (Cattewater)	1005.6	-4	E	4	0	42	85	7	4000	St	7	ASt	10	1
Portland Bill	1007.5	-9	E	5	0+	44	85	7	-	-	0	ASt	10	2
Southampton (Calshot)	1009.0	-5	NE'E	4	0+	39	92	5	4000	Cu	2	CiSt	9	3
Dungeness	1010.7	-2	ESE	4	bc	41	92	7	-	-	0	CiCu	6	4
Jersey 7h } Guernsey 1h }	1004.9	-3	ESE	5	0	46	75	8	2500	StCu	10	-	10	4

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 8-9h	Temperature. Max. Day 9h	Rainfall.† Night 17h.-9h.	Rainfall.† Day 9h.-17h.	Sunshine. Sunrise to 17h	Sunshine. Sunrise to Sunset
			°F.	°F.	mm.	mm.	hr.	
Banff	cbc	bc	32	45	-	-	6.7	4.0
Montrose	bc	bc	36	43	-	-	10.6	1.0
Llandudno	oc	or	33	45	-	1	0.6	1.5
Colwyn Bay ...	cbc	or	34	44	-	2	1.4	0.9
Rhyl...	c	o	34	44	-	-	0.5	0.0
Southport	co	orc	34	42	3	0.1	0.2	0.0
Blackpool	rc	o	35	43	3	-	2.8	0.0
Harrogate	cbc	bcc	32	42	1	-	3.3	0.0
Skegness	doc	co	39	43	0.2	-	5.3	1.1
Aberystwyth ...	ocb	bbc	36	49	-	-	8.0	7.7
Bath	bbcc	cobp	30	49	-	1	4.6	5.0
Leamington Spa ...	o	cb	30	46	1	-	0.8	0.7
Lowestoft	cbc	bc	38	45	0.1	-	7.8	0.0
Felixstowe	om	b	35	43	5	-	4.2	0.6
Southend	cbc	bc	36	45	1	-	4.8	0.0

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. Night 8-9h	Temperature. Max. Day. 9h	Rainfall.† Night 18h.-9h	Rainfall.† Day 9h.-18h	Sunshine. Sunrise to 17h	Sunshine. Sunrise to Sunset
			°F.	°F.	mm.	mm.	hr.	
Paignton	bc	bc	32	54	-	-	7.5	5.3
Ilfracombe	bcb	bcb	40	49	-	-	10.5	0.0
Bude	b	b	43	52	-	-	11.0	9.5
Penzance	bc	bc	39	53	-	-	10.6	7.3
Falmouth Observatory	bbc	bcc	37	53	-	-	9.8	7.9
Torquay	b	b	37	53	-	-	9.8	7.9
Weymouth	bbc	bcb	34	54	-	-	10.8	6.1
Bournemouth ...	b	bbc	32	51	-	-	6.1	5.1
Portsmouth (Southsea)	b	b	34	50	-	-	7.9	2.5
Worthing	co	do	34	48	-	1	2.9	1.2
Brighton	cp	cp	34	47	-	1	2.8	1.4
Eastbourne	c	oro	33	46	-	0.2	2.4	1.4
Hastings	cbcc	cbc	35	46	1	-	4.9	0.9
Folkestone	c	bc	35	45	-	-	3.4	0.0
Tunbridge Wells ...	oc	ocod	32	46	-	-	2.3	0.1
Ramsgate	o	o	37	48	2	1	2.8	0.0
Margate	or	obc	37	44	1	0.4	2.5	0.0
Deal	odc	bcb	38	45	1	-	5.0	0.0

* 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. 22055 Tuesday, 11th April 1922. Page 1.

Observations at 1800 G.M.T. 10h.

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	1005·8	-4	S	5	c+	43	75	6	4000	Cu	8	-	8	•
Stornoway	1003·4	0	WNW	4	bc+	43	75	6	4000	Cu	5	-	5	•
Wick	1003·2	-2	SSW	4	c	43	97	7	5750	StCu	8	-	8	•
Castlebay	1005·1	0	WNW	2	c	43	65	7	1500	St	8	-	8	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1006·2	-2	SE	3	b	44	75	5	1500	St	3	-	3	•
Malin Head	1005·4	-2	NNE	1	o+	42	97	8	4000	StCu	8	ACu	9	•
Renfrew	1005·3	-3	S	3	c/r	48	65	6	2500	StCu	7	Cu	8	•
Edinburgh (Inchkeith)	1006·1	-2	ENE	2	bc	41	85	6	*	StCu	6	-	6	•
Eskdalemuir	1005·3	-2	SW	3	0	42	65	7	2500	StCu	10	-	10	•
Tynemouth	1007·9	-3	S	3	c-	46	75	6	4000	CuNb	8	-	8	•
Blacksod Point	1009·2	-1	SW	1	bc	50	85	8	*	Cu	5	-	5	•
Donaghadee	1007·2	-1	SSE	2	bc-	45	75	8	4000	Cu	3	CiCu	5	•
Birr Castle	1008·9		E	1	c+	50	65	8	4000	Cu	8	-	8	•
Baldonnell	1005·4	-2	ENE	2	o	47	75	7	2500	StCu	10	-	10	•
Holyhead	1005·3	-3	NNE	2	bc-	47	75	9	4000	Cu	4	ASt	5	•
Liverpool (Bidston)	1006·1	-3	SSE	2	b-	44	75	6	4000	StCu	3	-	3	•
Chester (Shotwick)	1005·7	-3	ESE	2	c-	46	75	6	2500	StCu	7	-	7	•
Spurn Head	1007·9	-5	SSE	6	bc	46	92	5	4000	CuNb	5	-	5	•
Nottingham	1006·6	•	SE	3	c	47	65	6	1500	CuNb	8	-	8	•
Cranwell	1007·3	-5	SE	4	o+	46	75	7	2500	CuNb	9	-	9	•
Gorleston	1010·0	-2	SSE	6	b-	44	65	7	-	-	0	CiCu	2	•
Valencia (Cahirciveen)	1002·1	-3	ESE	3	bc	50	55	9	4000	StCu	6	-	6	•
Roches Point	1002·7	-3	ESE	4	c	48	92	8	2500	CuNb	6	ACu	8	•
Pembroke (St. Ann's H.)	1003·1	-3	E	4	b	48	75	7	4000	Cu	2	-	2	•
Ross-on-Wye	1004·5	-5	ESE	2	bc	48	65	7	4000	Cu	5	Ci	6	•
Hanson	1005·0	-5	ESE	2	c-	48	65	7	*	Cu	7	-	7	•
S. Farnborough	1004·9	-6	SE	3	c-	51	55	7	4000	Cu	8	Ci	8	•
London (Kew Obsy.)	1005·3	-7	E	4	o/m	49	55	6	5750	Cu	2	Ci	7	•
Croydon	1005·8	-6	SSE	4	o	50	65	7	4000	Cu	3	Ci	9	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Shoeburyness	1007·6	-3	E	4	mc	45	75	5	4000	St	3	CiSt	7	•
Grain	1005·6	-6	ENE	4	c	45	75	6	2500	Cu	8	-	8	•
Lympne	1005·9	-6	ESE	5	o⊕	46	75	6	1500	Cu	2	CiSt	9	•
Scilly (St. Mary's)	9989	-3	ES	6	od₀	46	85	7	4000	CuNb	10	-	10	•
Falmouth (Pendennis)	1000·3	-1	SE	6	o	47	85	8	4000	StCu	10	-	10	•
Plymouth (Cattewater)	1001·3	-4	E	4	o	48	65	8	4000	StCu	9	-	9	•
Portland Bill	1003·7	-4	E	6	o	46	85	7	-	-	0	ASt	10	•
Southampton (Calshot)	1004·3	-5	ENE	4	c	45	85	7	4000	St	2	ASt	10	•
Dungeness	1004·0	-7	E	4	c+	48	75	7	-	-	0	CiCu	6	•
Jersey	1001·1	-1	ESE	5	r	44	85	7	1500	Nb	10	-	10	•

Observations at 1800 G.M.T. 10h.

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	1003·8	-1	SSW	2	b-	39	85	7	4000	St	2	ACu	3	1
Stornoway	1002·5	-1	W	3	b-	41	75	6	4000	Nb	3	-	3	3
Wick	1002·3	0	WSW	2	c/r	43	97	8	5750	Cu	4	CiSt	7	1
Castlebay	1003·9	-1	NW	3	bc-	42	65	7	2500	St	3	ASt	5	2
Nairn	1002·8	*	-	0	bc/r	42	85	8	4000	Cu	3	ACu	5	•
Aberdeen	1004·3	-2	S	2	o+	42	85	8	1500	St	10	-	10	0
Malin Head	1003·9	-2	SE	1	o/r	41	92	9	4000	Nb	8	ACu	9	1
Renfrew	1003·5	-1	SSW	2	c	43	75	6	4000	St	4	CiSt	7	•
Edinburgh (Inchkeith)	1003·7	-2	WNW	2	c+	41	75	7	*	StCu	5	CiSt	8	2
Eskdalemuir	1004·2	-2	S	3	bc-	40	75	6	4000	StCu	5	-	5	•
Tynemouth	1004·7	-3	SE	3	opr₀	41	92	6	4000	Nb	10	-	10	3
Blacksod Point	1002·2	-2	NE	4	bc+	47	65	9	<150	St	6	-	6	0
Donaghadee	1004·5	-2	SSE	2	bc-	44	75	8	4000	Cu	2	CiCu	4	1
Birr Castle	1001·3	•	E	1	o+	49	75	7	2500	StCu	5	ACu	9	•
Baldonnell	1003·3	-2	ENE	2	bc-	43	85	8	-	-	0	ACu	4	•
Holyhead	1002·6	-2	E	3	b	44	85	7	1500	Cu	1	Ci	1	3
Liverpool (Bidston)	1003·9	-3	SE	2	b	45	92	5	-	-	0	-	0	2
Chester (Shotwick)	1002·1	-2	SE	1	bc	47	65	5	4000	StCu	2	ASt	4	•
Spurn Head	1004·5	-3	SE	6	b	42	92	6	-	-	0	-	0	4
Nottingham	1003·6	•	ESE	3	bc	45	65	6	1500	StCu	1	CiCu	5	•
Cranwell	1004·9	-2	SE	4	c+	45	65	6	4000	Cu	4	ACu	7	•
Gorleston	1006·3	-3	SEE	4	b	43	75	6	-	-	0	CiCu	2	4
Valencia (Cahirciveen)	1000·7	-1	ENE	2	c+	49	65	8	4000	StCu	8	-	8	0
Roches Point	1000·9	-3	E	4	o	46	92	8	4000	StCu	9	-	9	3
Pembroke (St. Ann's H.)	1000·7	-4	ENE	3	c	48	75	7	4000	Cu	7	-	7	3
Ross-on-Wye	1001·7	0	ESE	1	o	47	65	7	4000	Cu	10	-	10	•
Hanson	1001·8	-3	E	4	b	46	75	4	-	-	0	Ci	3	•
S. Farnborough	1002·3	-1	E	3	bc-	48	55	7	-	-	0	Ci	6	•
London (Kew Obsy.)	1002·4	-2	E	2	c	48	55	6	5750	Cu	3	Ci	6	•
Croydon	1003·2	-2	ES	3	c	46	65	6	4000	Cu	1	Ci	7	•
Clacton-on-Sea	1003·9	-2	E	3	bc	44	85	6	-	-	-	Ci	5	0
Shoeburyness	1003·0	-4	ENE	2	bc/m	44	75	7	4000	StCu	3	CiCu	6	•
Grain	1003·2	-3	ENE	3	c	43	85	7	2500	Cu	3	ACu	7	0
Lympne	1002·2	-2	ES	5	o	45	75	6	4000	Cu	1	CiSt	9	•
Scilly (St. Mary's)	9968	-2	ES	1	o	46	85	7	4000	StCu	10	-	10	7
Falmouth (Pendennis)	9971	-4	E	7	o	45	85	6	4000	StCu	10	-	10	6
Plymouth (Cattewater)	9989	-2	E	5	o	45	65	7	4000	StCu	8	ACu	1	1
Portland Bill	1001·4	-3	E	6	o	45	85	7	5750	-	0	ASt	10	5
Southampton (Calshot)	1001·5	-2	ENE	4	o	45	75	7	-	-	0	ACu	9	3
Dungeness	1002·2	-3	ESE	3	c	47	85	7	-	-	0	CiCu	8	4
Jersey	9974	-1	E	6	do₀	43	92	6	1500	Nb	10	-	10	6

LONDON OBSERVATIONS

	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. Day.	Rainfall. Night.	Sunshine to Sunset. hrs.	Humidity. 15h. G.M.T. %	Humidity. 21h. G.M.T. %
	24 Hours ended 0900 G.M.T. 11th								Yesterday.		To-day.
Kew	omw	czybc	bmocm	•	•	30	tr	tr	5·5	•	•
Croydon (24 hours ended 0700)	omz	bcy⊕	cozm	•	•	28	-	-	6·7	•	•
Greenwich (Royal Obsy.)	oc	bccjp	obzjp	51	34	28	-	-	4·7	68	69
City (Bunhill Row)	•	•	•	•	•	•	•	•	3·8	•	•
Westminster (St. James' Pk.)	bco	bom	m	51	38	31	-	-	4·0	62	71
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	2·4	•	•
Camden Sq.	o	b	•	51	35	29	-	-	•	•	72
Kensington Palace	c	c	•	52	36	30	-	-	•	66 (18h.)	74
Hampstead Observatory	•	•	•			•			5·0	•	

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington

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

Kew Observatory

Max.	Time.	Min.	Time.
0·7	2000 (9th)	<0·3	2400 (9th)
1·2	0700 (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. 0 m. to 11th 4 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	8·0	6·14	78
δ Ursae Minoris	8·0	5·55	74

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

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

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

11th & 12th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·6	11·54	6·41
	5·4	11·54	6·43
Greenwich	5·16	12·1	6·46
	5·14	12·1	6·48
Wick	5·14	12·13	7·11
	5·11	12·13	7·14
Valencia	5·56	12·42	7·28
	5·54	12·42	7·30

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, 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.

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

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

SEA DISTURBANCE.

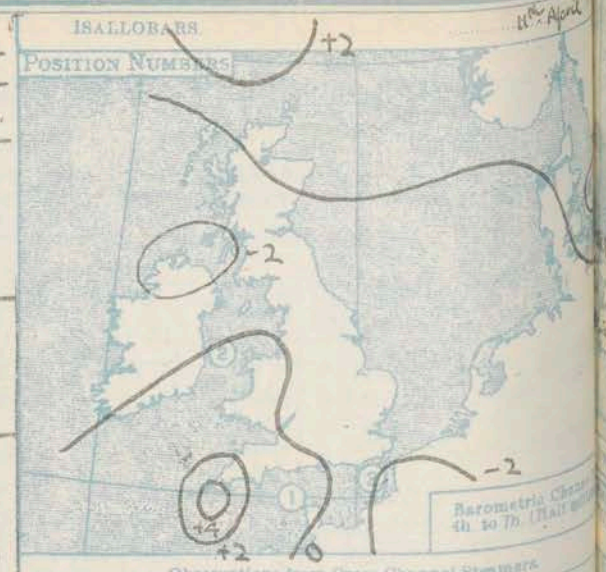
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10th	13h.-18h. 10th	18h. 10th to 1h. 11th	1h.-7h. 11th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL. Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b bc	3 ucc	b r bc	b r bc	43	34	•	8	-	1730	-	•
Stornoway	p	b r bc	b r bc	b r bc	44	30	•	0·2	-	1630	-	10·9
Wick	o	o m c	oo	b r bc	45	28	•	Trace	-	1530	-	•
Castlebay	co co	o. bc	b g o bc	bco	43	39	•	—	-	-	-	9·9
Nairn	r g	bc	b c c	c g	44	30	•	0·3	-	1430	-	1·1
Aberdeen	b c m b m	b c r m	o m c m	o m c m	44	34	32	-	-	-	-	4·1
Malin Head	c	o. d r	p o	c	44	34	•	1	3	1430	<2100	1·4
Renfrew	o f x m p o	c. o 3 c	b c m	b f f x	49	24	17	Trace	-	1230	-	5·0
Edinburgh: Inchkeith	h m	c.	m m	f r m	44	36	29	—	-	-	-	2·8
Eskdalemuir	o o	o o	b c b m	c	45	25	20	—	-	-	-	3·4
Tynemouth	o o m	m p o	o m p c m	b c m	47	33	30	Trace	trace	1630	<2100	•
Blacksod Point ...	c o	c	b r bc	c	48	32	•	—	-	-	-	•
Donaghadee	b c m	b c	o m	b c m	47	35	•	—	-	-	-	•
Birr Castle	c o	c. o	c o	c o x z	52	29	21	—	-	-	-	5·1
Baldonnell	c	c	b r bc	c o x	48	26	21	—	-	-	-	2·7
Holyhead	c o r o bc	b c x b	b c c o h	o o m	49	36	33	0·1	-	<0800	-	7·7
Liverpool (Bidston) ...	c o	c	m f		49	35	30	—	-	-	-	6·7
Chester (Shotwick) ...	o m c 3	c bc	b c m	b c o x f f	48	31	25	—	-	-	-	•
Spurn Head	b. bc	bc	b r bc	c	46	39	•	—	-	-	-	8·5
Nottingham	c	c	b	b b c m x	49	32	28	—	-	-	-	5·5
Cranwell	b b c c	c b c c	b r bc	b m b c c	50	30	21	—	-	-	-	8·7
Gorleston	b q	b r b c	b r bc	b r bc	45	41	39	—	-	-	-	?
Valencia (Cahirciveen)	b c y	c y	o	c o	52	39	38	—	-	-	-	6·3
Roches Point	c	c	c o	o m	50	39	•	—	trace	-	-	•
Pembroke (St. Ann's H.)	b bc	c	c	c	50	37	•	—	-	-	-	5·8
Ross-on-Wye	o c m b c	b c y	b c b z	b m x c m	51	32	25	—	-	-	-	6·4
Benson...	c.	b c	b	b	51	32	26	—	-	-	-	•
S. Farnborough ...	o m c	o b c 3	c m m	o m	54	35 ~~30~~	30	—	-	-	-	6·5
London (Kew Obsy.) ...	o m w	c 3 4. b c 3	o m b c m	b f x b f w b c	51	38	30	Trace	trace	-	-	5·5
Croydon	o m z	o c y	c o z m	o o b m w	51	32	28	—	-	-	-	6·7
Clacton-on-Sea ...	b c	c. b c	b c	b c b	45	41	36	—	-	-	-	8·3
Shoeburyness	b c m d m	m b c	b c	b x b	47	33	23	—	-	-	-	9·9
Grain	c	c	o b c b b	b b w	46	38	31	—	-	-	-	7·1
Lympne	o m m	o m	c	c b c c b c b	48	39	30	—	-	-	-	5·2
Scilly (St. Mary's) ...	o m q d	o q	p	o o	48	43	•	2	0·2	-	<2100	0·0
Falmouth (Pendennis)	o	o m	o m	o m c m	48	39	•	—	-	-	-	0·0
Plymouth (Cattewater)	c	0.0	o o	o o	50	42	39	—	-	-	-	2·0
Portland Bill	o	0·0	o o	o o	47	40	•	—	-	-	-	•
Southampton (Calshot)	o o	0·0	o o	o o	47	42	42	—	-	-	-	4·0
Dungeness	c	c	c	c	50	42	•	—	-	-	-	•
Jersey	o r r	o r d d o	o i d o	r o d.	47	43	•	4	0·6	0900	<2100	0·0



Observations from Cross Channel Steamers.

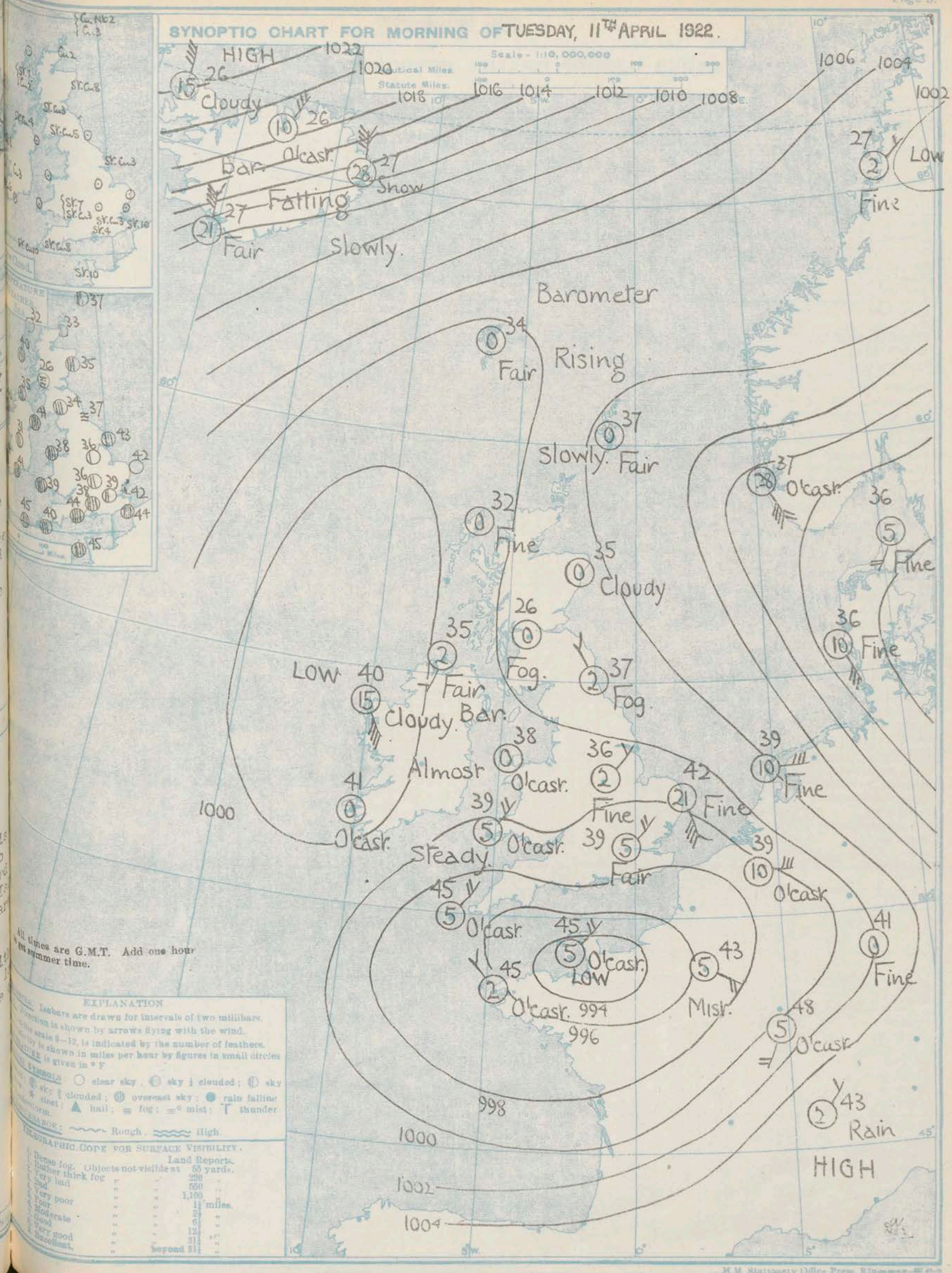
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	10th 1000	Hibernia	SE	3	bp	44	4
3	11th 0200	Dieppe	E	2	o	45	4

GENERAL INFERENCE.

The depression over France is moving Eastward and winds will be Northeasterly over the Southern districts, light and indefinite in the North. Precipitation is likely to be confined to local showers during the next 24 hours.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 11th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate North-East wind, fresh at times; mainly fair or fine; visibility good but some morning mist; day temperature moderate, night frost.	
4. W. Midlands 5. S.W. England 6. South Wales	Light Northerly or variable wind; cloudy to fair; visibility moderate, local mist; day temperature moderate, night frost in places.	Another depression is indicated to Southwestward of British Is. conditions are likely to continue unsettled with temperature low for the 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 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	Light or moderate winds, direction variable; cloudy, some local showers; visibility moderate, mist or fog in places; temperature rather low.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.40 GMT. G. C. SIMPSON, F.R.S., Dir.



H.M. Stationery Office Press, Kingsway.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Tuesday, 11th April 1922. No. 101.

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	1005.5	0	SW	2	bc	36	85	6	4000	CuNb	4	-	4	*
Stornoway	1002.9	0	W	1	b-	*	*	7	*	*	*	*	*	*
Wick	1002.9	+1	W	2	0	33	97	8	-	-	0	A.St	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1002.0	-2	E	1	bc+	40	97	7	-	-	0	ACu	4	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1003.2	-1	NE	1	mbc+	37	85	6	-	St	1	ASt	5	
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1004.2	-1	S	1	b/r	39	85	4	5750	StCu	3	-	3	*
Blacksod Point ...	1000.5	-2	ESE	2	b	41	85	5	-	-	0	CiCu	1	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1002.1	-1	E	1	c+	34	97	8	-	-	0	CiSt	7	*
Holyhead	1000.7	-2	E	3	0⊕	*	*	6	-	-	0	ACu	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1002.9	-3	SE	4	b	41	92	8	-	-	0	CiCu	1	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1003.1	-2	NNE	2	b	31	97	6	-	-	0	-	0	*
Gorleston	1002.9	-2	SSE	5	b	42	75	8	-	-	0	-	0	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1000.9	0	-	0	b	44	85	6	-	-	0	ACu	2	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1000.3	-1	E	3	b	40	85	7	-	-	0	-	0	*
Rose-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	42	*	*	*	*	*	*	*	*
Croydon	1000.7	-2	-	0	0	38	92	6	4000	StCu	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	999.7	-3	E	4	c	40	92	6	-	-	0	ACu	8	*
Scilly (St. Mary's) ...	997.0	0	E'S	4	0/r	45	75	7	4000	StCu	10	-	10	*
Falmouth (Pendennis)	997.5	0	E	6	0	45	85	7	4000	StCu	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	997.0	-3	E	6	0	44	85	7	-	-	0	ASt	10	*
Southampton (Calshot)	998.7	-3	NNE	3	0	43	85	7	4000	StCu	10	-	10	*
Dungeness	1000.3	-1	ESE	2	c	45	85	8	2500	ND	2	ACu	7	*
Jersey 7h. / Guernsey 1h.	998.5	-3	ENE	5	0	43	92	6	800	St	10	-	10	*

Observations at 0700 G.M.T. 11th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-13	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	+1	-	0	bc	37	85	7	4000	Cu	5	-	5	0
Stornoway	1001.8	0	-	0	b-	32	75	7	-	-	0	-	0	0
Wick	1002.9	0	W	1	bc-	33	97	8	5750	Cu	2	Ci	5	0
Castlebay	1000.7	-1	E	3	0	40	85	7	2500	St	9	-	9	*
Nairn	1002.5	*	-	0	c+	33	92	8	1500	St	8	-	8	0
Aberdeen	1003.7	+1	-	0	c	33	97	5	4000	StCu	8	-	8	1
Malin Head	1000.1	-3	SSW	1	bc-	35	97	7	5750	StCu	4	ACu	6	*
Renfrew	1002.6	0	-	0	FFb	26	97	2	5750	StCu	3	-	3	*
Edinburgh (Inchkeith)	1002.4	0	NNE	1	mo+	36	97	4	-	St	10	-	10	*
Eskdalemuir	1002.1	-1	NNE	1	c	34	92	6	2500	StCu	5	CiSt	8	*
Tynemouth	1002.5	-1	NNW	1	fb+	37	85	3	-	-	0	ASt	3	0
Blacksod Point ...	999.2	-1	SSE	4	c	40	85	9	-	St	8	-	8	0
Donaghadee	1001.9	-1	ESE	1	0+	41	92	7	-	-	0	ASt	10	0
Birr Castle	1000.1	*	E	1	c-	31	97	6	4000	Cu	3	ACu	8	*
Baldonnell	1001.2	0	-	0	0	31	97	6	4000	StCu	5	ACu	9	0
Holyhead	1000.2	+1	-	0	0	38	92	5	-	-	0	ASt	9	1
Liverpool (Bidston) ...	1000.5	0	SE	1	Fg-	37	85	2	800	St	2	CiCu	8	1
Chester (Shotwick) ...	999.8	-1	E	1	0+	33	97	3	-	-	0	CiSt	9	*
Spurn Head	1001.0	-1	SE	5	c-	43	85	6	4000	StCu	3	CiSt	8	*
Nottingham	1000.7	*	NE	1	b+	36	85	4	-	-	0	Ci	3	*
Cranwell	1001.5	-1	ENE	3	c⊕	37	85	6	2500	St	2	CiSt	8	*
Gorleston	1001.8	-1	SSE	5	b	42	75	7	-	-	0	-	0	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	999.8	0	-	0	0+	41	85	8	-	StCu	6	ASt	9	0
Roches Point	1000.5	0	NW	2	0	41	97	6	-	-	0	CiSt	10	*
Pembroke (St. Ann's H.)	999.7	+1	NE	2	0+	39	85	7	-	-	0	ASt	10	*
Rose-on-Wye	1000.1	-1	-	0	mmo	34	85	4	1500	St	10	-	10	*
Benson	999.0	-1	NE	1	bc+	36	97	6	-	-	0	ACu	5	*
S. Farnborough ...	998.8	0	ENE	2	mmo	38	85	5	-	~~St~~	~~10~~	ACu	10	*
London (Kew Obsy.) ...	998.7	0	NE	2	bc-	39	85	3	5750	StCu	3	Ci	4	*
Croydon	999.5	0	E'N	1	b	37	92	5	-	-	0	Ci	3	0
Clacton-on-Sea ...	999.6	0	E	3	b	+2	85	7	-	-	0	Ci	2	*
Shoeburyness	999.0	-1	E	1	b	43	75	7	-	-	0	CiSt	1	0
Grain	999.0	-1	ENE	1	b	41	75	6	-	-	0	Ci	2	*
Lympne	998.3	0	ENE	4	b	41	85	7	5750	StCu	1	CiSt	3	*
Scilly (St. Mary's) ...	997.0	0	NE'E	2	0	45	85	7	4000	StCu	10	-	10	1
Falmouth (Pendennis)	997.9	+5	N	2	c-	40	85	6	4000	StCu	8	-	8	0
Plymouth (Cattewater)	997.9	+3	N	2	0	45	65	6	<4500	St	10	-	10	0
Portland Bill	997.0	0	NE'E	6	0	44	85	7	-	-	0	ASt	8	5
Southampton (Calshot)	997.7	0	NE	4	c	43	85	6	4000	StCu	5	ACu	10	0
Dungeness	997.9	-3	SE	4	0-	44	85	8	800	St	10	-	10	0
Jersey 7h. / Guernsey 1h.	993.8	0	NE	2	0/r	45	92	6	1500	St	10	-		

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 9th	Temperature. Max. Day 10th	Rainfall.† Night 10h.-9h. 9th-10th	Rainfall.† Day 9h.-10h. 10th	Sunshine. Sunrise to 10th	Sunshine. Sunrise to Sunset 9th
			°F.	°F.	mm.	mm.	hr.	
Banff	0	0	31	45	–	–	3.5	7.4
Montrose	c+	c+	35	44	–	–	1.1	11.6
Llandudno	b.bc	bc-c	33	50	–	–	10.0	0.7
Colwyn Bay ...	bc	bc	34	50	–	–	9.6	1.5
Rhyl	bc.	bc+	37	53	0.3	–	9.4	0.5
Southport	ac.bc.c	cbc.b	34	50	–	–	6.1	0.3
Blackpool	c.0	c.bc	33	50	–	–	5.9	2.0
Harrogate	0.bc	bc	33	47	–	–	3.2	3.3
Skegness	b	c.b	37	48	–	–	9.6	5.6
Aberystwyth ...	c.b.b	b.bc	36	52	–	–	10.0	9.5
Bath	0.c.bc.b	b.bc.c	30	53	–	–	6.7	5.6
Leamington Spa ...	c	c	33	50	–	–	7.2	0.8
Lowestoft	bc.b	b.bc	38	48	–	–	11.0	10.0
Felixstowe	b	b	39	46	–	–	10.3	5.1
Southend	bc	bc	38	47	–	–	8.8	?
Paignton	0c.bc.c	0c	45	45	–	–	1.2	11.8
Ilfracombe	c.bc+	bc.cd	39	47	–	–	4.7	11.2
Bude	c	c	35	51	–	–	2.0	12.1
Penzance	c.pr.c	c.0	40	49	01	–	?	10.0
Falmouth Observatory	c.0	0	39	49	–	–	0.0	10.2
Torquay	bc.c.0	c.0.bc	38	50	–	–	2.9	12.2
Weymouth	c	c	40	50	–	–	1.2	6.0
Bournemouth ...	bc	bc.c	36	50	1	–	3.7	8.2
Portsmouth (Southsea)	c	b	36	50	–	–	3.5	2.9
Worthing	bc.c	c	37	48	–	Trace	3.7	2.8
Brighton	c	c	39	50	–	–	3.4	2.4
Eastbourne	c.0	c.0	40	48	–	–	2.5	5.0
Hastings	cbc.c	c.bc.c0.	39	48	–	–	4.6	4.4
Folkestone	b.bc	c.bc.	36	52	–	–	6.2	2.3
Tunbridge Wells ...	0.c.b	b.bc	34	49	–	–	3.5	3.5
Ramsgate	b	b	39	48	–	–	7.4	3.4
Margate	c.bc	b	38	48	–	–	6.0	5.4
Deal	bc	bc.b	37	48	–	–	8.5	

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22056 Wednesday 12th April 1922. Page 1.

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	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1005.8	0	S	2	c-	42	75	8	–	–	0	ACu	7	•
Stornoway	1001.2	-1	E	3	o+	43	65	7	800	St	9	–	9	•
Wick	1002.7	+1	SE	1	o	40	85	8	7250	StCu	7	Ci	9	•
...	999.9	0	E	3	oprs₀	39	92	6	800	St	10	–	10	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1003.0	-1	ENE	2	bc-	45	85	6	1500	St	4	–	4	•
Malin Head	998.2	-1	SSW	2	c+	46	92	7	5750	StCu	5	ACu	7	•
Renfrew	1000.8	-2	NE	1	mc-	44	75	4	5750	StCu	8	–	8	•
Edinburgh (Inchkeith)	1000.6	-4	E	3	o/f	43	85	7	*	Cu	3	Ci St	10	•
Eskdalemuir	999.6	-2	SSE	3	o/+	46	55	7	2500	StCu	7	Ci St	10	•
Tynemouth	1001.3	-2	SSE	3	o/f	45	85	6	–	–	0	ASt	10	•
Blacksod Point	997.9	-1	SSW	5	c+	46	75	9	*	CuNb	8	–	8	•
Donaghadee	1000.9	-1	SE	2	b-	46	85	7	5750	Cu	3	–	3	•
Birr Castle	998.9	*	SW	1	c-	52	65	8	4000	StCu	7	–	7	•
Baldonnell	999.7	-1	SSW	2	bc-	52	65	7	4000	Cu	4	–	4	•
Holyhead	999.5	-1	NW	1	c-	48	85	6	–	–	0	ASt	7	•
Liverpool (Bidston)	999.3	-1	SE'S	1	o+	48	85	7	2500	St	10	–	10	•
Chester (Shotwick)	998.5	-2	SSE	1	o+	52	45	7	4000	StCu	1	ASt	9	•
Spurn Head	1000.4	-1	SE	5	b	46	92	6	–	–	0	ASt	1	•
...ngham	999.4	•	E	2	o+	51	55	6	1500	Cu	1	CiSt	9	•
Cranwell	1000.1	-1	E	2	o◉	52	55	7	2500	Cu	2	CiSt	9	•
...den	1000.8	0	SSE	4	b+	44	75	6	–	–	0	CiCu	3	•
Valentia (Cahirciveen)	1000.0	0	SW	1	or₀	42	85	7	1500	St	2	ASt	10	•
Roches Point	999.8	-1	SE	2	c	47	97	6	2500	CuNb	3	CiSt	7	•
Pembroke (St. Ann's H.)	1000.3	0	–	0	bc	52	55	8	–	–	0	ACu	4	•
Ross-on-Wye	999.7	0	WNW	1	o	48	65	7	7250	StCu	4	ACu	10	•
...	999.8	0	N	2	o	51	55	7	–	StCu	10	–	10	•
Farnborough	998.1	0	ENE	2	mmo	51	55	9	5750	StCu	9	–	9	•
London (Kew Obsy.)	998.3	-1	E	2	c/f	51	55	5	–	–	0	Ci	8	•
Croydon	998.6	-1	–	0	o/+	50	65	6	4000	StCu	10	–	10	•
...on-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...yness	999.6	0	E	2	b	48	65	6	–	–	0	CiSt	3	•
...	999.4	0	ENE	3	c+	46	75	7	2500	Cu	1	Ci St	7	•
...pne	998.3	0	ESE	3	o	49	65	7	2500	StCu	4	ACu	10	•
Scilly (St. Mary's)	1000.7	+1	ENE	1	c	51	75	7	4000	Cu	1	CiSt	8	•
Falmouth (Pendennis)	1000.1	+2	SSW	2	c	47	92	6	4000	StCu	8	–	8	•
Plymouth (Cattewater)	999.8	+1	S	2	o	49	75	6	2500	StCu	10	–	10	•
Portland Bill	999.6	+3	NE'E	4	bc-	49	85	7	–	–	0	ACu	6	•
Southampton (Calshot)	998.7	+1	SE	×3	o+	47	75	7	4000	StCu	5	ACu	9	•
...	998.6	0	SE	2	o+	48	85	7	–	–	0	Ci St	10	•
...	997.7	+2	WNW	3	o/r	49	85	7	1500	St	10	–	10	•

Observations at 1800 G.M.T. 11th

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1004.2	-1	–	0	c	41	65	8	–	CuNb	1	ACu	7	0
Stornoway	999.1	-3	E	3	ojp	43	75	6	800	St	10	–	10	2
Wick	1001.6	-1	E	2	b	41	85	8	5750	StCu	9	–	9	0
...	997.3	-2	NW	3	orr	39	85	6	800	Nb	10	–	10	3
...	999.6	*	E	1	ojp	40	85	7	1500	St	9	–	9	•
Aberdeen	1001.5	-1	SE	2	o+	41	85	6	1500	St	5	ASt	10	0
Malin Head	997.4	-1	SSW	3	ohr	38	85	7	2500	St	10	–	10	1
Renfrew	999.1	-2	SE	1	mo+	41	85	4	2500	St	10	–	10	•
Edinburgh (Inchkeith)	998.5	-1	ENE	3	cpr₀	40	92	7	–	St	3	ACu	6	3
Eskdalemuir	998.3	-2	S'W	2	b-	45	45	7	2500	Cu	1	Ci	2	•
Tynemouth	999.9	-1	SSE	3	bc	42	85	6	2500	St	3	CiCu	4	2
Blacksod Point	997.1	-1	SW	5	cph₀	41	85	9	<150	CuNb	7	–	7	3
Donaghadee	1000.0	-1	NE	1	ojp	41	97	7	1500	Nb	5	ASt	10	0
Birr Castle	999.1	*	SW	1	oRR	41	97	6	1500	Nb	10	–	10	•
Baldonnell	999.1	0	S	5	od₀	43	92	6	1500	StCu	10	–	10	•
Holyhead	998.8	-1	SSW	3	b	47	85	6	–	–	0	ASt	3	0	1-
Liverpool (Bidston)	999.2	0	N	1	b	47	55	5	–	–	0	–	0	1
Chester (Shotwick)	998.2	0	W	2	b	49	65	5	4000	StCu	3	–	3	•
Spurn Head	1000.1	0	ESE	3	bc	42	92	6	–	–	0	ASt	5	4
...ngham	999.3	•	SW	1	b	49	85	5	2500	Cu	1	CiSt	3	•
Cranwell	1000.1	0	E'N	3	bc	47	65	7	4000	Cu	1	CiCu	4	•
...den	1000.7	0	NE	1	c+	44	75	6	–	St	5	Ci	6	4
Valentia (Cahirciveen)	999.5	0	W'N	2	c-	46	75	8	1500	StCu	6	–	6	0
Roches Point	999.3	-1	WSW	2	r₀r₀	44	97	7	2500	Nb	10	–	10	3
Pembroke (St. Ann's H.)	1000.3	0	SW	3	b	46	75	8	–	–	0	ACu	3	2
Ross-on-Wye	999.7	+1	WSW	1	c	49	65	7	4000	StCu	6	CiCu	8	•
...	999.6	0	NNW	2	bc	48	55	7	*	StCu	5	–	5	•
Farnborough	999.5	+2	NNE	2	mo	50	65	6	4000	StCu	9	–	9	•
London (Kew Obsy.)	999.6	+3	–	0	o	50	65	4	4000	StCu	10	–	10	•
Croydon	999.8	+2	–	0	o	48	65	6	4000	StCu	10	–	10	•
...on-on-Sea	999.6	0	E	1	bc	45	85	6	–	–	–	ACu	4	0
...yness	999.8	+1	NE	1	b	45	65	7	–	–	–	ACu	1	•
...	1000.2	+2	E	1	b-	44	75	7	–	–	0	ACu	3	0
...pne	999.8	+3	ENE	2	o	45	75	6	5750	StCu	9	ACu	10	•
Scilly (St. Mary's)	1000.6	0	SW	2	o	49	75	7	4000	StCu	10	–	10	1
Falmouth (Pendennis)	1002.8 (1·6)	0	W	4	c	48	85	7	4000	StCu	8	–	8	1
Plymouth (Cattewater)	1001.0	+2	SW	3	o	47	75	8	4000	StCu	10	–	10	1
Portland Bill	1001.6	+3	SW	3	c	47	85	7	5750	–	0	ACu	6	3
Southampton (Calshot)	1000.3	+3	WSW	4	o+	47	75	7	5750	StCu	10	–	10	0
...	999.8	+2	E	2	o	46	85	7	4000	StCu	10	–	10	3
...	1001.5	+2	W	3	o-	47	85	8	4000	StCu	9	–	9	3

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 HOURS ENDED 0900 G.M.T. 12th; Sunshine: YESTERDAY; Humidity 9h.: 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. %
... 24 hours ended 0700	bfwey	bczyoz	ozom	•	•	27	–	–	4.2	•	•
...	bbcom	obcz	ozm	•	•	36	–	–	7.1	•	•
Greenwich (Royal Obsy.)	b	bco	obo	54	38	26	–	–	8.6	54	79
... (Bunhill Row)	•	•	•	•	•	•	•	•	4.6	•	•
...ster (St. James' Pk.)	bco.o	bom	oem	53	39	29	–	–	5.5	54	57
... Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	4.3	•	•
... Sq.	bz	b	•	54	41	32	–	–	•	•	79
...ton Palace	og	og	•	53	40	30	–	–	•	60 (18h.)	82
...stead Observatory	bc	of	of	50	40	28	–	–	?	•	77

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre. 24 HR. ended 1800 G.M.T. 11th

South Kensington

Max.	Time.	Min.	Time.
0·6 1·3	1800–2300 (10th) 0800–1000 (11th)	0·3	0300–0600 (11th)

Kew Observatory

Max.	Time.	Min.	Time.
0·9 1·7	2200 (10th) 0800 (11th)	0·3	1300 (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. 0 m. to 12th 4 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	8 0	4 20	54
δ Ursæ Minoris	8·0	3·32	44

MAGNETIC DISTURBANCES (Atmospherics) AT CROYDON.¹

Type.	No. per ¼ sec.	Stren.	Direc.
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–

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

12th & 13th April 1922.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·4 5·2	11·54 11·54	6·43 6·45
Greenwich	5·14 5·12	12·1 12·1	6·48 6·50
Wick	5·11 5·9	12·13 12·13	7·14 7·17
Valencia	5·54 5·52	12·42 12·41	7·32 7·34

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, 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.

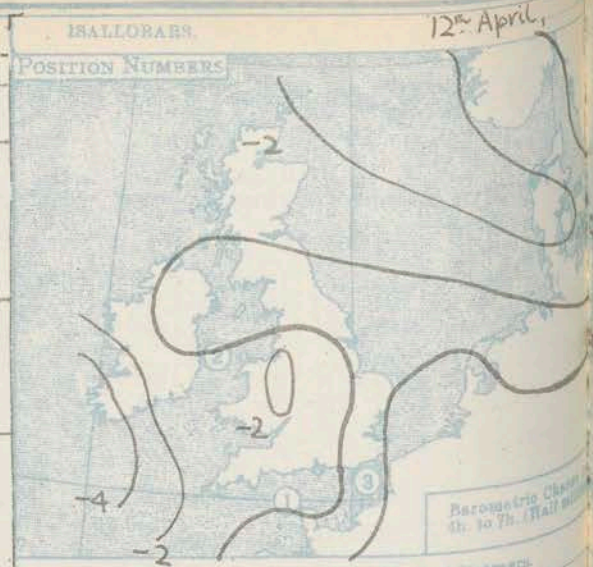
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11h.	13h.-18h. 11h.	18h.-1h. 11h. to 12h.	1h.-7h. 12h.	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	c	b.bc	p	44	34	•	–	0.3	–	2.30	•
Stornoway	bc	bc	oo	bo	45	37	•	–	–	–	–	4.7
Wick	oo	oo	c	c	43	39	•	–	–	–	–	•
Castlebay	ors b	rscrr	rrbco	orsbc	40	37	•	5	4	15.30	–	0.0
Fairn	o g	m	cmg	mbcx	44	28	•	–	–	–	–	2.5
Aberdeen	cbc m	com	omcm	cmcf	45	32	28	–	–	–	–	2.0
Malin Head	c	olrh	c	bcp	47	34	•	3	3	12.30	4.30	4.6
Renfrew	ofepm	cppm	ophprm	orfm	46	34	30	–	–	–	2100	2.7
Edinburgh (Inchkeith)	form	p	c	mmd	46	35	31	1	cc	17.30	–	2.7
Eskdalemuir	cpcoy	bcbc	bm	bcprs	48	35 26	20	–	0.3	–	3.30	5.2
Tynemouth	ffm	c.m	com	cmff	47	34	29	–	–	–	–	•
Blacksod Point ...	o.o	p	c	b.bc	?	34	•	01	?	12.30	–	•
Donaghadee	bcm	ompr	omr	c	49	33	•	2	4	17.30	2100	•
Birr Castle	c.p	oRR	oRo	bcz	52	31	23	2	2	1630	2100	4.5
Baldonnell	c.bc	bc.c.o	orfmc	cox	54	30	26	–	1	–	2100	6.7
Holyhead	o cm	c.bz	bc.c.m	omrr	52	39	38	–	3	–	2.30	5.7
Liverpool (Bidston) ...	cmo	bm	bmbc		52	37	30	–	–	–	–	3.1
Chester (Shotwick) ...	bczco	o.c.bc.b	bccom	om	53	38	32	–	–	–	–	•
Spurn Head	c	b.bc	c	c	48	36	•	–	–	–	–	3.9
Nottingham	c	horrh	bc	cm	51	35	31	–	–	–	–	2.8
Cranwell	co	c	b.bcw	bcxm	52	33	23	–	–	–	–	8.1
Gorleston	b.bc	bczc	bbczw	bcczw	45	32	31	–	–	–	–	?
Valencia (Cahirciveen)	c or	orcbc	bcc	cov	49	35	32	5	–	12.30	–	2.4
Roches Point	o	c.oro	ocb	bwo	50	36	•	0.3	0.1	17.30	–	•
Pembroke (St. Ann's H.)	b.bc	b.bc	opmo	c	53	44	•	–	0.4	–	2200	6.3
Ross-on-Wye	omo	o.ybc.c	bcbcco	co	52	38	30	–	–	–	–	1.1
Benson...	bc	bc	c	oir	53	35	28	–	0.1	–	6.30	•
S. Farnborough ...	ofcoz	form	omom	form	54	37	29	–	–	–	–	1.5
London (Kew Obsy.) ...	bfwcy	bczyoz	ozom	omomo	52	40	27	–	–	–	–	4.2
Croydon	bbcom	obcz	ozm	om	52	40	36	–	–	–	–	7.1
Clacton-on-Sea ...	b	bc	bcbz	bzcm	47	39	32	–	–	–	–	10.4
Shoeburyness	b bc	b	bbc	omx	49	32	27	–	–	–	–	11.8
Grain	bzb bc	bc.b	bbcco	o	47	39	27	–	–	–	–	10
Lympne	bbcom	c	oo	ocm	49	40	30	–	–	–	–	6.8
Scilly (St. Mary's) ...	bc.c	c	omr	omr	54	43	•	–	3	–	2100	4.3
Falmouth (Pendennis)	cm	om	cmor	omrcm	51	43	•	–	8	–	5.30	2.3
Plymouth (Cattewater)	o o	o	o	bcbc	51	45	39	–	–	–	–	0.6
Portland Bill	o c	c	cbc	bco	51	41	•	–	–	–	–	•
Southampton (Calshot)	c	c	c	oo	51	43	40	–	trace	–	6.30	3.5
Dungeness	c	o	oo	obcwm	49	44	•	–	–	–	–	•
Jersey	odpo	o	c	co	52	43	•	Trace	–	0900	–	0.1



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1000 11th	Hibernia	E	1	om	44	46
1	1200 11th	Reindeer	NNE	3	o/r	47	43
3	0200 12th	Arundel	W	2	b	46	46

GENERAL INFERENCE.

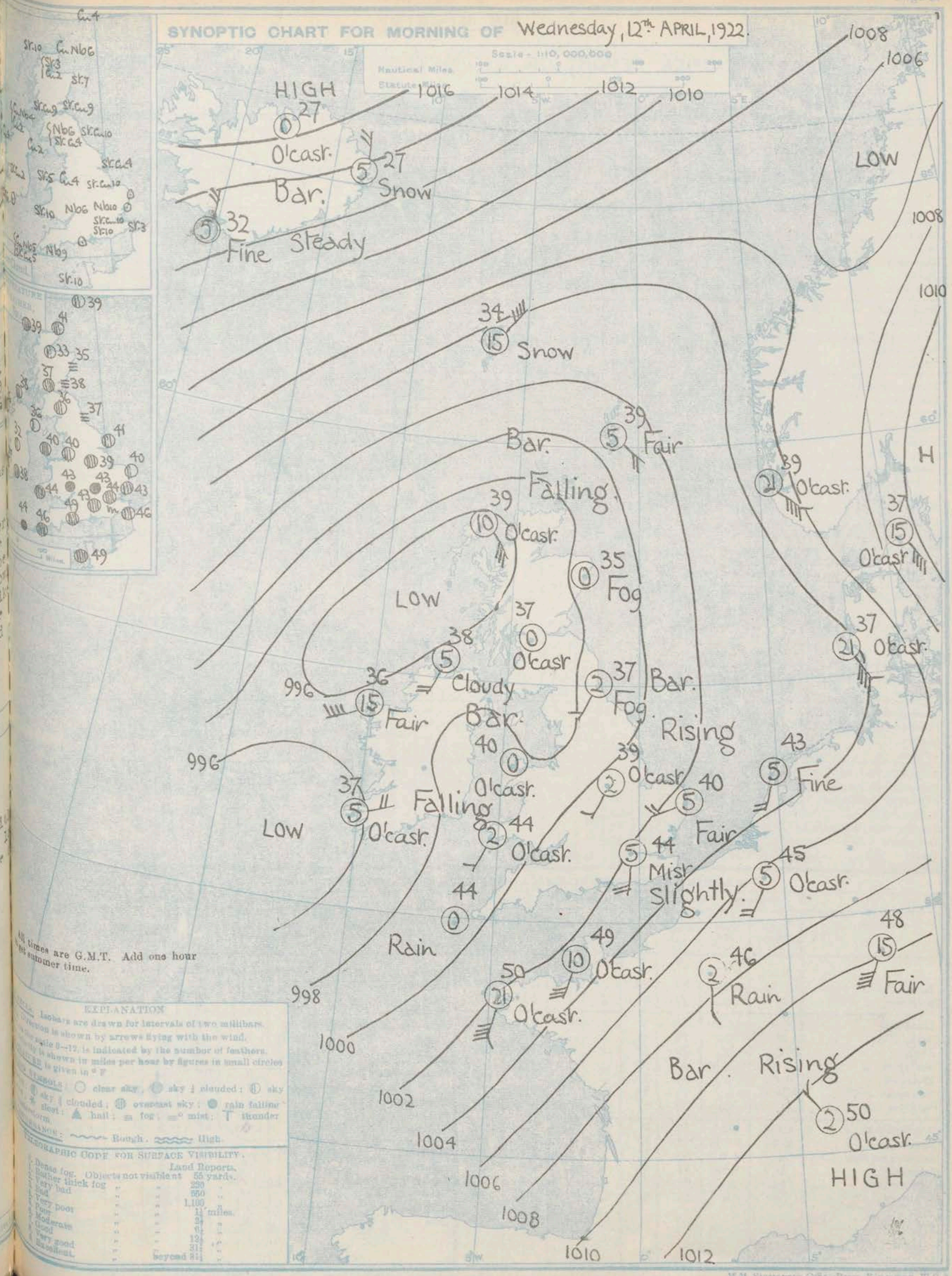
A fresh depression which has appeared off SW. Ireland will cause rain over the Southern part of the Kingdom. Another disturbance is centred off the Hebrides and some rain is to be expected in the North. Following these depressions winds are likely to become Northerly, temperature falling again in the South and remaining low in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 12th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate Southerly wind changing Northerly later; rainy then improving; visibility moderate; local mist; milder temporarily then colder again.	Unsettled with temperature for the time of year.
4. W. Midlands 5. S.W. England 6. South Wales	Wind variable becoming Northerly; rainy, then fairer; visibility moderate to good; colder again.	
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 variable to Northerly; cloudy, some rain or sleet probable; visibility poor to moderate; local fog; cold.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind NE. or N, moderate; variable sky some sleet or snow; visibility mainly good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Northerly moderate; dull, some rain or sleet; visibility good; cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.40 GMT. G. C. SIMPSON, F.R.S., Dir.

For Code see opposite page.

SYNOPTIC CHART FOR MORNING OF Wednesday, 12th APRIL, 1922.



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

EXPLANATION

ISOBARS. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on a scale 0—12, is indicated by the number of feathers.

VISIBILITY 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; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; ⊤ thunder storm.

SEA CONDITIONS: ~~~ Rough. ≈≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

		Land Reports.
1	Dense fog. Objects not visible at	55 yards.
2	Rather thick fog " "	220 "
3	Very bad " "	550 "
4	Bad " "	1,100 "
5	Very poor " "	1¼ miles.
6	Poor " "	2½ "
7	Moderate " "	6½ "
8	Good " "	12½ "
9	Very good " "	31½ "
0	Excellent. " "	beyond 31½ "

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Wednesday 12th April 1922. No. 102

Observations at 0100 G.M.T. 12h

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	1003.6	0	N	2	bc+	37	85	7	5750	Cu	5	-	5	*
Stornoway	9989	-2	SSE	1	0	*	*	5	*	*	*	*	*	*
Wick	999.1	-3	SE	2	bc	41	75	8	5750	Cu	5	-	5	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	9966	0	-	0	b-	37	97	8	4000	StCu	2	ACu	3	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	9963	-1	SSE	1	mo	36	85	6	-	StCu	9	-	9	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	999.5	-1	SW	2	b-	38	85	6	-	-	0	ASt	3	*
Blacksod Point	997.7	0	WSW	2	c-	39	65	7	-	-	0	ACu	7	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	9996	-1	SSW	2	c	37	97	8	2500	StCu	7	-	7	*
Holyhead	9993	-1	SSE	1	0	*	*	6	-	-	0	ACu	9	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	9999	+1	SSE	4	0	38	85	6	1500	St	4	ACu	9	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	10012	0	SW	3	bc+	34	85	6	-	-	0	ACu	6	*
Gorleston	10013	0	WSW	2	bc+	38	85	6	-	-	0	Ci	4	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	9993	+1	W'N	3	bc(sh)	42	97	6	-	Cu	4	-	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anu's H.)	1000.1	-1	SSW	3	or₀	46	92	7	1500	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	45	*	*	*	*	*	*	*	*
Croydon	10024	+1	S'W	2	0	43	92	7	2500	StCu	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	10024	+1	-	0	0	42	92	6	4000	StCu	10	-	10	*
Scilly (St. Mary's)	10006	0	-	0	0	47	97	8	4000	StCu	10	-	10	*
Falmouth (Pendennis)	10007	-2	S	3	mo	47	97	5	4000	CuNb	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1003.1	+3	SW	3	b-	44	85	7	-	-	0	CiCu	3	*
Southampton (Calshot)	10028	+2	WSW	2	c-	43	92	7	-	-	0	ACu	7	*
Dungeness	10024	+1	W	2	0	45	97	7	-	-	0	ASt	10	*
Jersey 7h / Guernsey 1h	10037	+1	SSW	4	c+	43	97	6	4000	Nb	3	ACu	8	*

Observations at 0700 G.M.T. 12h

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	1001.5	-3	ESE	2	bc	39	92	7	4000	Cu	4	-	4	1
Stornoway	9959	-1	SE	3	0	39	92	6	450	St	10	-	10	2
Wick	997.7	-1	SE	2	bc+	41	75	8	2500	CuNb	6	-	6	0
Castlebay	995.1	0	NNE	2	bc(sh)	39	85	7	1500	CuNb	3	ASt	4	1
Nairn	996.8	*	-	0	bc/m	33	85	7	1500	St	5	-	5	*
Aberdeen	998.1	-1	-	0	fc	35	92	3	1500	St	7	-	7	0
Malin Head	9962	0	SW	2	bc+	38	97	8	4000	CuNb	6	-	6	1
Renfrew	997.4	0	-	0	o/r	37	97	4	2500	StCu	9	-	9	*
Edinburgh (Inchkeith)	9973	-1	SW	2	mo-	38	92	4	-	StCu	9	-	9	2
Eskdalemuir	998.0	0	SW'S	2	bc	36	92	6	4000	StCu	5	ACu	6	*
Tynemouth	999.0	0	SW'S	1	fo+	37	85	3	5750	StCu	10	-	10	1
Blacksod Point	996.5	-1	WSW	4	bc(sh)	36	75	9	-	Cu	4	-	4	0
Donaghadee	999.3	0	W	1	b-	36	92	8	4000	Cu	2	CiCu	2	0
Birr Castle	998.1	*	SW	1	bc-	32	97	7	4000	StCu	2	CiCu	4	*
Baldonnell	999.2	0	-	0	o+	32	97	7	2500	StCu	8	ASt	10	*
Holyhead	998.4	0	-	0	o/r	40	97	6	2500	St	5	CiSt	10	0
Liverpool (Bidston)	998.1	-1	S'E	2	c+	40	75	7	2500	Cu	4	ASt	8	2
Chester (Shotwick)	997.7	-3	SSE	3	0	41	85	4	4000	StCu	8	ACu	10	*
Spurn Head	1000.6	+1	SSW	2	c	41	92	5	4000	StCu	4	ACu	8	3
Nottingham	1000.2	*	SW	1	o+	39	92	4	4000	StCu	10	-	10	*
Cranwell	1000.8	0	ESE	3	c⊕	38	92	5	4000	Cu	1	CiSt	8	*
Gorleston	1002.4	0	WSW	2	bc	40	85	5	-	-	0	CiCu	4	0
Valencia (Cahirciveen)	995.8	-5	ENE	2	o+	37	92	9	-	St	6	ASt	10	0
Roches Point	997.4	-2	ENE	1	0	38	97	7	-	-	0	ASt	10	0
Pembroke (St. Anu's H.)	999.3	-1	SSW	1	0	44	85	7	1500	St	10	-	10	2
Ross-on-Wye	1000.2	-2	SSW	1	or₀+	43	85	6	2500	Nb	6	ASt	10	0
Benson	1001.4	0	S	3	or₀	43	97	5	-	Nb	10	-	10	*
S. Farnborough	1002.0	0	SE	2	o-	43	97	5	2500	St	10	-	10	*
London (Kew Obsy.)	1002.5	0	S	2	mno	44	85	5	4000	StCu	10	-	10	*
Croydon	1002.7	0	S	3	0	44	92	6	800	St	8	ACu	7	0
Clacton-on-Sea	1002.8	+2	SSW	2	c⊕	43	92	5	-	-	0	CiSt	9	*
Shoeburyness	1003.1	+2	SSW	1	mo-	43	85	5	5750	Cu	9	-	9	0
Grain	1003.3	+1	-	0	0	43	97	6	5750	StCu	9	-	9	*
Lympne	1003.5	+1	SSW	3	c	43	97	4	450	St	3	ACu	7	2
Scilly (St. Mary's)	9969	-3	-	0	or₀	44	97	6	4000	CuNb	10	-	10	2
Falmouth (Pendennis)	1000.2	0	W	1	o-	46	97	7	4000	Nb	9	-	9	1
Plymouth (Cattewater)	999.8	0	SW	3	o/p	46	97	7	450	St	10	-	10	3
Portland Bill	1001.8	-2	S	4	o+	49	85	7	-	-	0	ASt	10	0
Southampton (Calshot)	1001.6	-2	SSE	4	od₀	45	92	5	1500	St	10	-	10	0
Dungeness	1003.9	+2	SW	3	c+	46	97	6	800	St	3	ACu	7	3
Jersey 7h / Guernsey 1h	1002.8	0	SSW	3	0	49	92	7	1500	St	10	-	10	3

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 10th	Temperature. Max. Day 11th	Rainfall.† Night 10h.-9h. 10-11h	Rainfall.† Day 9h.-18h. 11h.	Sunshine. Sunrise to 18h. 11th	Sunshine. Sunrise to Sunset 10th
			°F.	°F.	mm.	mm.	hr.	
Banff	bc.c.o	gr.sso	30	44	-	3	3.5	3.5
Montrose	0	bc.o	33	44	-	1	2.4	1.1
Llandudno	om	bcm	34	51	-	-	4.1	10.6
Colwyn Bay	bc	bc.o	34	49	-	-	3.5	10.2
Rhyl	c	bc	33	52	-	-	3.6	9.4
Southport	c.o	o.c.bc	33	51	-	-	3.5	6.1
Blackpool	c.bc	b	33	52	-	-	4.3	5.9
Harrogate	b.bc.c	c	28	50	-	-	4.3	3.9
Skegness	b	b.o	39	47	-	-	7.6	10.5
Aberystwyth	o.c.c	b.bc	35	51	-	-	5.0	10.7
Bath	om	o.c.bc	38	53	-	-	1.6	6.7
Leamington Spa	bz	c.b.o	30	52	-	-	4.3	7.2
Lowestoft	b	b.bc	43	47	-	-	10.1	12.0
Felixstowe	bz	bz	40	47	-	-	10.4	10.8
Southend	b	b	36	51	-	-	10.8	9.6

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 10th	Temperature. Max. Day 11th	Rainfall.† Night 18h.-9h. 10-11h	Rainfall.† Day 9h.-18h. 11h.	Sunshine. Sunrise to 18h. 11th	Sunshine. Sunrise to Sunset 10th
			°F.	°F.	mm.	mm.	hr.	
Paignton	omc.bc	bc.c.om	42	52	-	-	2.3	4.7
Ilfracombe	o.cz	cz	41	49	-	-	3.7	2.5
Bude	o	c	40	52	-	-	4.5	0.3
Penzance	bc	bc.c	42	53	-	-	2.0	0.0
Falmouth Observatory	bc.oq	o.c.b	38	51	-	-	2.5	2.9
Torquay	c.o.bc	o	43	51	-	-	2.6	1.2
Weymouth	o.c.	c	42	54	-	-	0.2	
Bournemouth	o	o	42	50	-	-	0.0	3.7
Portsmouth (Southsea)	c	b	42	51	-	-	3.6	3.5
Worthing	b.bc	c	41	50	-	-	1.3	3.7
Brighton	c	c	42	52	-	-	0.4	3.4
Eastbourne	o	c.o	43	49	-	-	0.4	2.9
Hastings	o.c.bc	bc.c.o	42	49	-	-	1.2	4.6
Folkestone	bc	c.o	39	49	-	-	6.4	7.5
Tunbridge Wells	b	b.bc	36	52	-	-	6.2	3.5
Ramsgate	b	b	43	39	-	-	8.6	7.4
Margate	b	b	38	48	-	-	8.0	?
Deal	b	bc	40	50	-	-	8.1	8.9

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22057 Thursday 13th April 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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
...rwick	1000·3	-3	ESE	3	od-	40	92	6	4000	Nb	10	–	10	•
...rnoway	995·8	0	SE	2	or0r0	39	92	6	450	St	10	–	10	•
...ick	997·2	0	SE	3	o	44	75	7	4000	Cu	4	CiSt	6	•
...lsbay	994·8	0	WSW	2	bc	44	75	7	1500	Cu	4	ASt	5	•
...irn ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...erdeen	997·0	-1	SE'S	3	c/f	46	75	6	1500	St	7	–	7	•
...lin Head	995·1	-1	NNW	2	c.pc	42	97	8	4000	CuNb	5	–	5	•
...nfrew	996·3	-2	–	0	c	47	55	7	2500	StCu	8	–	8	•
...burgh (Inchkeith)														•
...dalemuir	996·1	-3	S	1	o	44	65	8	2500	StCu	9	CiSt	10	•
...nemouth	997·6	-2	S	2	imo	44	85	4	2500	St	10	–	10	•
...ksod Point	995·4	-2	N	4	c	46	55	9	<150	Cu	8	–	8	•
...ghadee	997·1	-2	SE	1	o+	43	87	7	2500	Cu	2	ASt	10	•
...r Castle	994·0	•	E	1	o	42	87	7	2500	St	9	–	9	•
...donnell	995·6	-4	NE'N	3	o	42	85	7	1500	St	10	–	10	•
...lyhead	994·4	-6	NE'E	4	o	44	83	7	2500	St	1	ASt	10	•
...rpool (Bidston)	994·2	-6	E'N	1	o	49	75	6	1500	Nb	10	–	10	•
...ster (Shotwick)	993·9	-5	SE	3	o	51	65	7	2500	StCu	3	ASt	10	•
...rn Head	998·1	-2	SSE	5	o	49	92	6	–	–	0	ASt	10	•
...ngham	996·9	•	SSE	2	o	48	85	6	1500	Nb	10	–	10	•
...well	998·5	-4	SE'S	4	o	47	85	6	1500	St	10	–	10	•
...leston	1001·8	-1	S'W	6	orr	41	92	6	4000	Nb	10	–	10	•
...														•
...ncia (Cahirciveen)	991·4	-5	NE'E	4	o/r	40	85	9	1500	StCu	6	ASt	10	•
...hes Point ...	991·4	-5	NE	1	or0s0r0s	35	97	6	2500	Nb	10	Nb	10	•
...broke (St. Ann's H.)	991·0	-11	E	5	orr	45	92	6	800	Nb	10	–	10	•
...s-on-Wye ...	995·2	-5	S'E	2	orr	49	85	7	2500	Nb	10	–	10	•
...on...	997·6	-4	S	4	or0r0	50	92	6	–	Nb	10	–	10	•
...rnborough	999·2	-4	S	4	orr	50	92	6	1500	Nb	10	–	10	•
...don (Kew Obsy.)	999·2	-4	S'W	4	oD-	52	85	6	2500	Nb	8	ASt	10	•
...ydon	1000·6	-3	SSW	3	or0r0	50	92	6	450	Nb	8N	ASt	10	•
...ton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...ngeness ...	1001·3	-3	NW	4	o/r	52	75	7	2500	StCu	5	ASt	10	•
...	1001·0	-2	S	5	o/r	52	85	8	1500	StCu	8	ASt	10	•
...	1002·1	-3	S	5	d-	49	85	7	800	StCu	8	ASt	10	•
...ly (St. Mary's)	990·2	-5	SW	5	or0r0	51	97	6	800	St	10	–	10	•
...mouth (Pendennis)	989·5	-15	ESE	9	mo-	50	97	5	1500	Nb	10	–	10	•
...mouth (Cattewater)	992·7	-12	SSW	6	orr	49	97	6	<150	Nb	10	–	10	•
...land Bill ...	999·1	-6	SE	6	orr	50	85	7	450	St	10	–	10	•
...hampton (Calshot)	999·0	-4	S	6	orr	49	92	6	450	Nb	10	–	10	•
...grasse	1001·3	-1	S	4	c	50	91	7	1500	St	3	ACu	5	•
...	1000·4	-1	SW	4	orr	52	92	7	1500	Nb	10	Nb	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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea 0-9
...rwick	998·5	-1	S'W	1	c/r	40	85	7	5750	StCu	8	–	8	0
...rnoway	994·2	-3	SE	2	o/r	40	92	6	450	St	10	–	10	1
...ick	995·2	-3	ENE	3	o	42	75	7	2500	St	5	ASt	10	0
...lsbay	993·1	-3	NW	2	b-	45	75	7	2500	St	3	–	3	1
...irn ...	994·1	*	–	0	c/r	39	95	7	1500	St	7	–	7	•
...erdeen	994·5	-3	SE'S	2	o	42	85	6	4000	StCu	8	ASt	10	0
...lin Head	992·1	-4	NNE	2	o	43	92	8	4000	Cu	4	ASt	9	1
...nfrew	991·5	-6	NE	2	o	46	65	5	1500	StCu	10	–	10	•
...burgh (Inchkeith)	991·9	-5	ENE	4	mo	42	85	6	–	St	10	–	10	4
...dalemuir	990·7	-8	NE	3	orr	41	85	6	1500	Nb	10	–	10	•
...nemouth	991·9	-5	SSE	3	ogr0	43	97	4	4000	Nb	10	–	10	1
...ksod Point	992·7	-1	SW	4	c	44	65	9	<150	St	4	ACu	6	3
...ghadee	991·9	-5	NE	2	o	41	85	7	–	–	0	ASt	10	0
...r Castle	990·3	•	N	1	o	43	85	6	450	St	10	–	10	•
...donnell	990·4	-4	NNW	2	orr	36	98	6	800	Nb	10	–	10	•
...lyhead	986·5	-8	NNE	6	orr	40	97	6	1500	St	10	–	10	4
...rpool (Bidston)	983·5	-13	SE'S	4	orr	45	97	1	800	Nb	10	–	10	3
...ster (Shotwick)	982·9	-13	SE	2	o/r	48	95	5	1500	St	7	ACu	9	•
...rn Head	988·5	-10	SSE	6	odd	45	97	5	450	St	10	–	10	5
...ngham	987·8	•	S	4	orr	50	92	7	800	Nb	10	–	10	•
...well	989·3	-1	SE'S	5	ogr0	48	97	5	450	Nb	10	–	10	•
...leston	997·1	-3	S	6	orr	45	97	6	4000	Nb	10	–	10	5
...														•
...ncia (Cahirciveen)	992·4	+2	NE	3	b-	42	75	9	2500	StCu	1	ACu	3	1
...hes Point ...	991·1	-1	N	3	or-	38	97	8	800	CuNb	10	–	10	0
...broke (St. Ann's H.)	987·0	0	NW	4	opr0	44	92	7	1500	Nb	10	–	10	5
...s-on-Wye ...	987·6	-5	SW	5	od0	52	85	7	1500	Nb	10	–	10	•
...on...	991·3	-8	SSW	5	or0+	50	92	5	–	Nb	10	–	10	•
...rnborough	993·2	-7	SE	5	orr	50	92	6	800	Nb	10	–	10	•
...don (Kew Obsy.)	992·9	-7	S	4	o'r	51	92	6	2500	Nb	10	–	10	•
...ydon	994·3	-8	SSW	6	RR	50	92	7	450	Nb	10	–	10	•
...ton-on-Sea	996·2	-6	SSE	5	odd	48	97	6	1500	St	10	–	10	3
...ngeness ...	995·3	-15	S'W	6	or0+	51	85	6	1500	St	10	–	10	•
...	996·0	-6	SSW	5	orr	51	92	7	800	Nb	10	–	10	3
...	996·8	-6	S'W	7	orr	48	97	5	<150	Nb	10	–	10	•
...ly (St. Mary's)	991·1	+2	W'S	5	c-	49	92	7	4000	StCu	7	–	7	6
...mouth (Pendennis)	991·6	+3	SW	6	o/r	47	97	7	4000	Nb	9	–	9	4
...mouth (Cattewater)	991·3	-1	SSW	5	orr	49	92	6	225	Nb	10	–	10	7
...land Bill ...	993·4	-5	SW	7	or-	50	85	6	450	St	10	–	10	7
...hampton (Calshot)	993·4	-6	SSW	7	or-	50	92	6	450	Nb	10	–	10	6
...grasse	997·3	-6	SW	5	orr	49	97	6	1500	Nb	10	–	10	5
...	997·9	-1	SW	5	orr	52	85	7	1500	Nb	10	–	10	6

...ON OBSERVATIONS. (24 Hours ended 0900 G.M.T. 13th)

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)
...on } 24 hours ended 0700	omor.l	odmory	orqcqobd	•	•	42	5	4	0·4	•	•
	ocormom	mrRd	Rr0qc	•	•	41	10	7	0·8	•	•
...wich (Royal Obsy.)	orr0	orr0	orberr	54	44	42	3	4	0·6	85	69
...(Bunhill Row)	•	•	•	•	•	•	•	•	0·0	•	•
...minster (St. James' Pk.)	odr	dorb	bc	53	45	42	7		0·3	80	67
...nts Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	0·0		
...den Sq.	o	r	•	52	44	41	5	4	•	•	68
...pton Palace ...	or	or	•	52	46	43	4	4	•	92 (15h.)	67
...stead Observatory	•	•	•	50	42	38	7	2	0·0	•	73

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
–	–	–	–
Kew Observatory Max.	Time.	Min.	Time.
1·0	2h (11th)		
0·5	6h (12th)	<0·3	13h (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 12th 20 h. o m. to 13th 4 h. o m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	8-0	4-45	59
δ Ursae Minoris	8-0	4-23	55

...O DISTURBANCES (Atmospherics) AT CROYDON.¹

Type.	No. per 1 sec.	Stren.	Direc.
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–

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

13th & 14th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·2 / 4·59	11·54 / 11·53	6·46 / 6·47
Greenwich	5·12 / 5·9	12·1 / 12·0	6·50 / 6·52
Wick	5·9 / 5·6	12·13 / 12·13	7·17 / 7·20
Valencia	5·52 / 5·49	12·41 / 12·41	7·32 / 7·34

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, 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.

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.

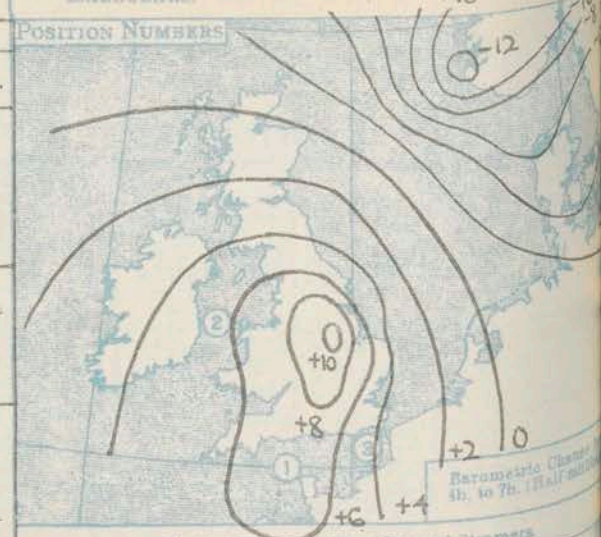
¹ For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2

M.O. Form 2370.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.–18h. 12h.	Weather. 18h.–18h. 12h.	Weather. 18h. 12h. to 1h. 13h.	Weather. 1h.–7h. 13h.	Temperature. Max. Day. 7h.–18h.	Temperature. Min. Night. 18h.–7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.–18h. mm.	Rainfall.† Night. 18h.–7h. mm.	Rainfall.† Precipitation began.	Rainfall.† Precipitation began.	Sun. Hours.
Lerwick	rord	rord	c	rord	43	37	•	1	3	–	2200	•
Stornoway	r	r	c	c	40	34	•	3	0.4	–	–	0.0
Wick	c	oo	orrm	rorm	44	38	•	–	2	–	<2100	•
Castlebay	bc	bc	bc	cbcm	45	38	•	2	–	–	–	10.4
Nairn	oro	c	cgm	ogm	41	35	•	2	–	11.00	–	0.2
Aberdeen	cfcm	bccm	orom	omrr	47	38	37	–	9	–	2400	4.3
Malin Head	crp	c	oo	oPRH	43	38	•	1	1	–	4.30	4.1
Renfrew ...	omcz	coz	oz	ocmw	50	35	29	Trace	–	–	–	5.5
Edinburgh (Inchkeith)		oo	rord	bobc	48	35	36	Trace	2	–	2.30	4.8
Eskdalemuir	oo	oo	orm	ormob	46	34	32	0.1	10	17.30	<2100	2.3
Tynemouth	olf	oifro	mrr	rorm	46	38	35	1	9	16.30	<2100	•
Blacksod Point ...	c	c	p	p	?	34	•	–	0.3	–	–	•
Donaghadee	cbcm	bc	orro	bcro	45	38	•	–	0.4	–	<2100	•
Birr Castle	bcco	o	cobcx	bcx	43	31	25	–	–	–	–	0.0
Baldonnell	oo	orrr	orme	bcbx	43	33	30	2	–	15.30	–	0.3
Holyhead	oo	orm	rroirm	orgbcb	47	38	38	7	2	14.30	<2100	0.6
Liverpool (Bidston) ...	cbco	rd	orbc		51	39	36	7	2	15.30	4.30	1.5
Chester (Shotwick) ...	ozo	orrom	oidbomq	ogcmb	51	40	36	6	trace	~~14.30~~ 1330	<2100	•
Spurn Head	c	oo	p	oo	52	40	•	2	1	14.30	<2100	0.3
Nottingham	oopo	rr	bc	o	50	40	37	2	0.4	0900	<2100	0.0
Cranwell	omro	rro	rrprq	c	49	40	37	3	1	0900	<2100	0.4
Gorleston	bccor	oqR	oqrbcqv	bobc	50	44	40	2	1	12.30	<2100	?
Valencia (Cahirciveen)	ovro	oroc b	b.bc	cph	43	35	30	2	1	11.00	6.30	1.3
Roches Point	orrs	orr	rob	bbc	43	34	•	10	0.4	11.00	<2100	•
Pembroke (St. Ann's H.)	orr	oqpr	opsdoc	bobc	49	43	•	3	3	09.00	<2100	0.0
Ross-on-Wye	roidrr	rrodq	Rqrdqcq	bqbcb	52	38	32	4	3	<0800	<2100	0.0
Benson...	ocr	orL	rc	irb	52	41	37	5	5	11.00	<2100	•
S. Farnborough ...	rr	rord	iR	iRo	51	42	40	10	5	<0800	<2100	0.0
London (Kew Obsy.) ...	omorrd	omorr	orqcqopqr	oom	52	44	42	5	4	09.00	<2100	0.4
Croydon	ocorrm	omrRRq	Rorqc	coqprr	51	43	41	10	7	09.00	<2100	0.8
Clacton-on-Sea ...	omoq	d	oqd	oqcr	48	46	42	0.3	2	15.30	<2100	1.1
Shoeburyness	omo	oir	oir	oirm	53	46	42	0.2	2	14.30	<2100	0.2
Grain	oiro	ororr	oPRo	oPRo	53	47	42	1	4	11 00	<2100	0.2
Lympne	oo	omqrr	orrmq	omqqr	49	46	44	5	4	13.30	<2100	0.2
Scilly (St. Mary's) ...	rd	omrqc	eqir	c	53	43	•	11	1	<0800	2200	1.2
Falmouth (Pendennis)	omr	or	ocpq	cpqo	52	43	•	10	0.5	<0800	5.30	0.8
Plymouth (Cattewater)	rd	rr	orr	ford	49	43	39	8	2	<0800	<2100	0.0
Portland Bill	or	rord	cpbc	bco	52	44	•	10	4	0900	2200	•
Southampton (Calshot)	oidmorr	rrmq	rqmbbcpc	p	50	44	43	11	4	<0800	<2100	0.0
Dungeness	c	rr	c	bobc	51	47	•	3	3	15.30	<2100	•
Jersey	orr	orr	c	corro	53	48	•	6	2	0900	2.30	0.5

Isallobars. 13th April



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	12th 1000	Hibernia	WSW	3	cg	42	45

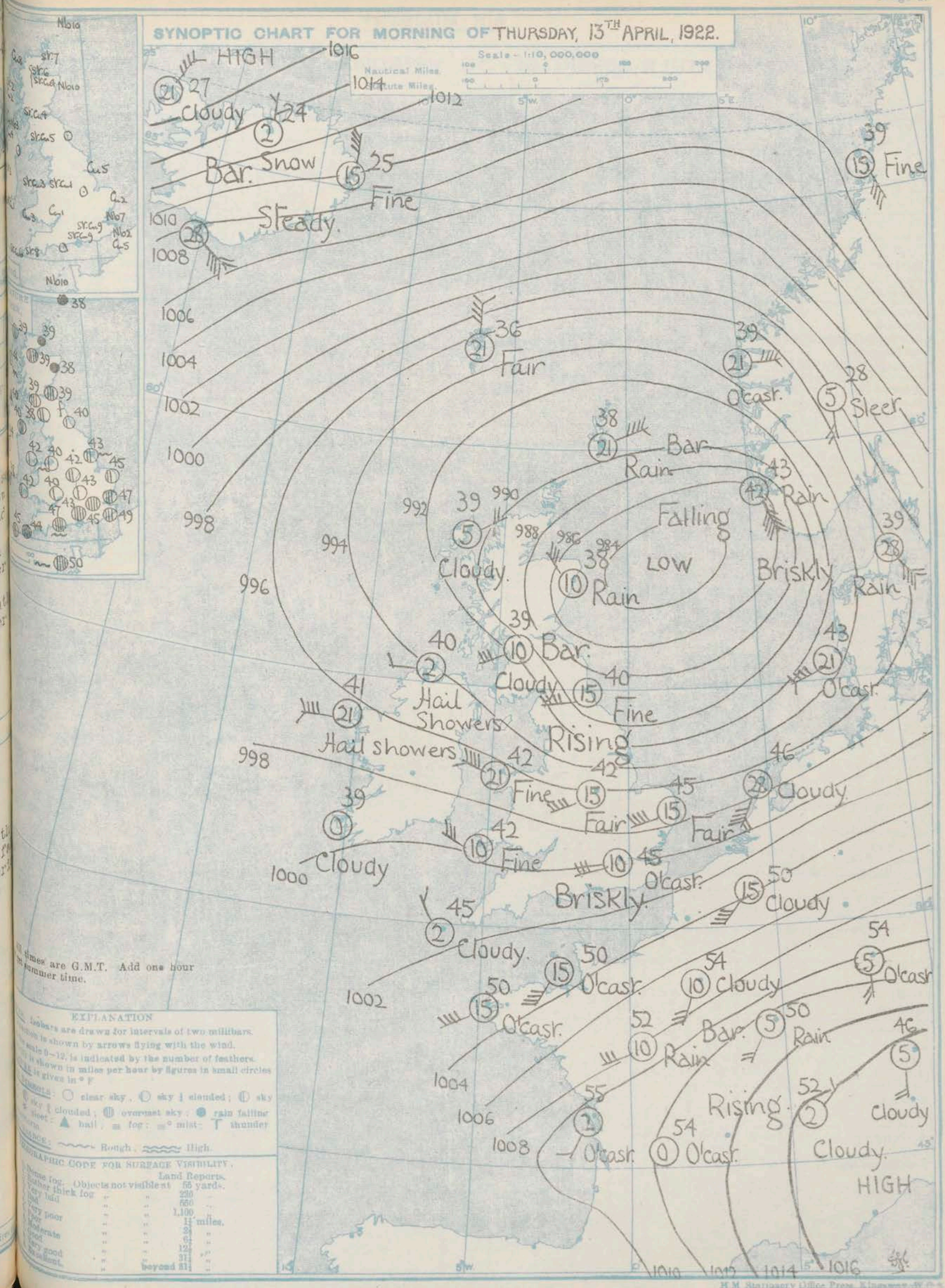
General Inference.

The depression which crossed Great Britain last night is now over the Northern North Sea and moving quickly Northeastward. Apart from showers, chiefly in the Northwest districts weather will be fair temporarily and warmer than of late in the South. Further depressions are however developing in the Southwest.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 13th April, 1922	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind Westerly moderate; fair generally Thursday, probably less fair Friday; visibility mainly good; milder than of late, but night frost probable.	Continuing unsettled with alternating fair and rainy periods and variable temperature.
4. W. Midlands 5. S.W. England 6. South Wales	Light W. wind backing towards South; fair Thursday, some rain probable Friday; visibility moderate to good; milder than of late.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind Westerly moderate; fair but local showers; visibility good; milder than of later but night frost probable.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind W. or NW, moderate, cloudy, local showers of rain or hail; visibility good; rather cold.	
14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Northerly, light or moderate; variable sky, some rain or hail; visibility mainly good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind W. backing towards S, light then freshening; fair but local showers, probably rainy later; visibility moderate; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15 GMT. 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 Thursday 13th April 1922. No. 103

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	996·1	-3	SE	3	od	40	92	5	-	-	0	ASt	10	*
Stornoway	994·2	-2	NE	1	o-	*	*	6	*	*	*	*	*	*
Wick	990·1	-5	NE	3	o/r	42	92	6	800	St	7	ASt	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	992·0	0	N	2	bc-	33	97	8	4000	Cu	6	-	6	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	986·5	-1	N	3	odd	40	85	7	-	Nb	10	-	10	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	982·3	-5	NW	4	or-	34	97	6	4000	Nb	10	-	10	*
Blacksod Point ...	994·7	+2	W	5	bcps	40	85	7	-	CuNb	6	-	6	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	994·5	+6	SSW	3	bc-	35	97	7	2500	St	2	Ci	4	*
Holyhead	992·1	+6	WNW	6	or	*	*	7	1500	Nb	8	ASt	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	985·3	-1	SW	7	oPR	46	92	5	1500	Nb	9	-	9	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	988·7	+3	WSW	6	o	45	75	7	800	Nb	10	-	10	*
Gorleston	991·2	-2	WSW	6	bc-	50	75	8	4000	Cu	4	-	4	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	996·5	-1	SW	7	oPR	46	92	5	1500	Nb	9	-	9	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	?	+5	NW	3	b	41	85	8	4000	Cu	2	-	2	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	48	*	*	*	*	*	*	*	*
Croydon	995·0	+5	SW	6	c/r	49	85	8	1500	StCu	6	Ci	7	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	996·7	+4	SSW	7	o/r	47	97	7	450	St	9	ASt	10	*
Scilly (St. Mary's) ...	997·4	+5	W'N	4	bc-	45	92	8	4000	StCu	4	-	4	*
Falmouth (Pendennis)	995·7	+3	W	7	c/r	46	97	7	2500	CuNb	8	-	8	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	995·1	+4	SW's	7	bc-	48	85	7	-	-	0	CiSt	4	*
Southampton (Calshot)	990·2	+4	WSW	6	c+	49	85	8	2500	Cu	7	-	7	*
Dungeness	996·6	+4	SW	5	b-	48	85	8	-	-	0	ACu	2	*
Jersey 7h } Guernsey 1h } ...	999·1	+4	SW	5	b-	50	85	6	-	-	0	ACu	2	*

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	990·3	-8	ENE	5	or+	38	92	5	4000	Nb	10	-	10	3
Stornoway	991·5	0	NE	2	c	39	85	6	4000	Cu	8	-	8	1
Wick	986·9	-3	N	4	or	39	92	6	1500	St	7	ASt	10	4
Castlebay	992·5	0	NNW	2	mnbc	41	75	6	1500	St	4	-	10	1
Nairn	988·6	*	N	3	o+	39	92	8	1500	St	10	-	10	0
Aberdeen	985·5	+1	NW'N	3	or	38	97	6	2500	Nb	10	-	10	1
Malin Head	994·0	+3	W	1	cPH	40	97	7	4000	Cu	7	-	7	1
Renfrew	991·3	+4	WSW	3	c-	39	85	6	4000	StCu	4	ASt	8	4
Edinburgh (Inchkeith)	988·5	+3	W	4	mbc-	39	75	6	-	St	4	-	4	1
Eskdalemuir	991·5	+6	W'S	4	bc+	38	85	6	1500	StCu	5	-	5	1
Tynemouth	989·7	+6	W	2	b/r	40	85	5	-	-	0	CiCu	2	1
Blacksod Point ...	996·5	+2	W	5	cph	41	85	9	-	CuNb	8	-	8	3
Donaghadee	995·0	+3	W	2	c+	40	85	8	-	-	0	ACu	8	1
Birr Castle	997·9	*	S	1	b-	34	97	8	4000	St	2	-	2	1
Baldonnell	998·4	+5	S'W	4	bc	36	92	8	4000	St	2	ACu	4	4
Holyhead	996·9	+5	WNW	5	b/r	42	85	8	2500	StCu	3	-	3	6
Liverpool (Bidston) ...	996·0	+4	W	5	b/r	40	85	8	2500	StCu	1	CiCu	3	6
Chester (Sholwick) ...	995·?	+7	WSW	3	b-	41	75	7	4000	StCu	2	-	2	1
Spurn Head	995·1	+10	WSW	6	bc	43	92	6	4000	Cu	5	-	5	6
Nottingham	996·5	*	WSW	4	bc+	42	85	5	2500	Cu	4	-	4	1
Cranwell	996·6	+6	WSW	5	c+	42	85	7	2500	StCu	6	ACu	7	1
Gorleston	997·3	+4	WSW	4	bc	45	75	7	4000	Cu	2	ACu	4	1
...														
...														
Valencia (Cahirciveen)	999·8	+3	-	0	c+	39	92	9	2500	StCu	5	ACu	7	1
Roches Point	1000·0	+3	N	1	c+	38	97	8	4000	StCu	1	Ci	8	5
Pembroke (St. Ann's H.)	999·9	+5	WNW	3	b	42	75	8	4000	Cu	3	-	3	1
Ross-on-Wye	999·7	+6	SW	3	b-	40	75	8	4000	Cu	1	Ci	3	1
Benson	999·5	+6	W	3	b/r	43	85	8	-	Cu	1	-	9	1
S. Farnborough ...	1000·3	+7	SW	3	o/r	43	92	8	1500	StCu	9	-	9	1
London (Kew Obsy.) ...	1000·2	+8	WSW	3	o/r	45	85	6	2500	StCu	9	-	10	1
Croydon	1000·4	+6	WSW	4	o/r	44	85	6	800	StCu	10	-	8	0
Clacton-on-Sea ...	998·7	+8	W	4	c/r	47	85	7	1500	Nb	7	ACu	9	1
Shoeburyness	1000·4	+4	W	1	or	47	85	6	1500	StCu	8	ACu	9	1
Grain	998·9	+8	SSW	4	o/r	49	85	7	1500	StCu	9	-	10	1
Lympne	1000·6	+3	SW	7	or	47	92	6	450	Nb	9	ASt	9	5
Scilly (St. Mary's) ...	1001·5	+3	NNW	1	bc-	45	85	8	4000	StCu	6	-	6	0
Falmouth (Pendennis)	1001·7	+6	N	2	o/r	44	97	7	2500	St	9	-	9	3
Plymouth (Cattewater)	1001·7	+7	NW	1	c-	45	65	8	4000	St	8	-	8	1
Portland Bill	1001·2	+3	W'N	3	o+	47	85	7	-	-	0	ASt	10	0
Southampton (Calshot)	1000·9	+6	NW	3	bc/r	44	85	8	2500	Nb	3	ACu	6	0
Dungeness	1001	+3	SW	5	c+	49	92	8	2500	Cu	7	-	7	5
Jersey 7h } Guernsey 1h } ...	1003·0	+1	SW	4	o/r	50	85	7	1500	Nb	10	-	10	6

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 11th-12th °F.	Temperature. Max. Day 12th °F.	Rainfall.† Night 18h.-9h. 11th-12th mm.	Rainfall.† Day 9h.-18h. 12th mm.	Sunshine. Sunrise to 18h. 12th hr.	Sunshine. Sunrise to Sunset 11th
Banff	bc.c	c.o.pc	27	45	-	0·1	2·4	3·5
Montrose	o	c	29	47	-	-	2·8	2·4
Llandudno	c.oo	r	38	46	1	7	2·2	4·1
Colwyn Bay ...	c.bc	c.or	39	45	-	7	1·6	3·6
Rhyl	c.bcc	c.p	33	46	-	5	0·9	3·5
Southport	oco	or	37	49	0·2	3	0·3	4·4
Blackpool	c.o	or	37	49	-	5	1·1	5·0
Harrogate	om	or	32	48	-	2	0·6	4·3
Skegness	mo	or	35	48	-	1	0·4	7·6
Aberystwyth ...	r.c.c	r.o.o	41	49	1	3	1·0	5·3
Bath	or	ro	41	53	1	5	0·0	1·6
Leamington Spa ...	or	or	34	51	-	2	0·0	4·3
Lowestoft	c.bc.c	c.or	36	49	-	3	1·5	10·2
Felixstowe	cm	omr	37	47	-	1	2·0	11·0
Southend	oor	oor	39	51	-	1	0·0	11·5
Paignton	or.orq	oqp	43	53	1	13	0·0	4·3
Ilfracombe	b.bc.or	orc	44	53	-	7	0·0	4·5
Bude	ocr	roc	41	55	-	4	0·5	2·3
Penzance	or	cor	43	54	7	11	0·4	2·0
Falmouth Observatory	rq	ocq	42	54	3	11	0·6	2·0
Torquay	rl	rode	45	52	1	12	0·1	0·2
Weymouth	or	r	45	51	1	13	0·0	0·0
Bournemouth ...	r	r	43	49	2	7	0·0	3·6
Portsmouth (Southsea)	or	or	43	50	1	10	0·0	1·5
Worthing	r	r	40	49	Trace	6	0·0	0·4
Brighton	p	r	49	55	1	4	0·2	0·3
Eastbourne	o	or	43	50	-	4	0·0	
Hastings	o	or	42	49	-	4	0·1	1·2
Folkestone	o	r	39	50	-	2	0·0	6·6
Tunbridge Wells ...	or o	or	38	51	-	6	0·4	5·3
Ramsgate	bc	bc	42	50	-	-	1·6	8·5
Margate	bc.c.o	or	41	54	-	1	1·8	8·7
Deal	bc	c.o	38	52	-	-	1·4	

* Information for these columns not usually received. † Trace = rain has fallen, but amounts 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.22058 Friday, 14th April 1922.

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	987·2	−2	NE	5	rr	37	97	6	2500	Nb	10	–	10	*
Stornoway	993·5	+2	N	3	ph₀	45	75	6	4000	Cu	7	–	7	*
Wick	989·6	+5	NNW	3	r₀f₀	40	97	6	1500	St	10	–	10	*
Castlebay	996·4	+2	NW	3	b	45	75	7	2500	St	2	–	2	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	990·7	+6	NW	5	0	44	75	7	2500	Cu	5	CiSt	10	*
Malin Head	997·5	+4	W	2	bc−	46	92	8	4000	CuNb	5	–	5	*
Renfrew	996·2	+5	W	5	bc	45	85	7	2500	Cu	5	–	5	*
Edinburgh (Inchkeith)	993·6	+6	WSW	5	bc+	42	75	7	–	Nb	6	–	6	*
Eskdalemuir	996·3	+5	WSW	6	ph₀	44	65	8	1500	Nb	8	–	8	*
Tynemouth	996·6	+5	WSW	3	b	47	75	6	4000	CuNb	3	–	3	*
Blacksod Point	998·9	+3	W	4	bc−	47	75	9	–	CuNb	6	–	6	*
Donaghadee	998·9	+3	NW	2	b	50	65	8	4000	Cu	2	Ci	3	*
Birr Castle	998·8	*	W	1	c+	49	75	8	4000	StCu	6	CiCu	8	*
Baldonnell	1000·6	+3	S	5	0+	46	75	8	2500	Cu	9	–	9	*
Holyhead	1001·5	+4	SW	4	c	46	75	9	2500	Cu	1	CiSt	8	*
Liverpool (Bidston)	1001·2	+5	W	4	bc	46	65	8	2500	Cu	3	CiSt	5	*
Chester (Shotwick)	1000·4	+4	WSW	4	0+	50	65	9	2500	StCu	8	Ci	9	*
Spurn Head	1001·0	+6	W	6	c	51	85	6	4000	Cu	8	–	8	*
Nottingham	1001·7	*	W	4	0+	50	55	6	1500	CuNb	3	CiSt	9	*
Cranwell	1001·9	+5	WSW	4	c	52	55	7	4000	Cu	3	CiSt	8	*
Gorleston	1002·9	+4	W	4	bc	53	55	7	4000	Cu	4	–	4	*
Pulham														*
Valentia (Cahirciveen)	1000·8	+1	WS	3	c	46	75	9	2500	StCu	6	CiCu	8	*
Roches Point	1001·5	+2	SSW	3	0	48	86	8	1500	CuNb	6	ASt	10	*
Pembroke (St. Ann's H.)	1002·9	+1	SW	2	0	45	75	8	–	–	–	ASt	10	*
Ross-on-Wye	1002·6	+2	SW	2	0	49	55	8	4000	Cu	3	ASt	10	*
Benson	1003·2	+2	WSW	2	c+	51	55	8	–	Cu	7	–	7	*
S. Farnborough	1003·6	+1	WSW	3	0	55	65	7	2500	StCu	10	–	10	*
London (Kew Obsy.)	1003·5	+2	WSW	3	c+	54	55	8	5700	Cu	5	Ci	8	*
Croydon	1003·8	+2	WSW	4	0	53	65	8	4000	StCu	7	ACu	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1003·5	+2	W	1	c−	54	65	7	2500	Cu	5	CiSt	7	*
Grain	1004·0	+4	SW	4	0	55	65	8	4000	StCu	9	ASt	10	*
Lympne	1005·1	+3	SW	5	r₀	49	92	8	1500	St	10	–	10	*
Scilly (St. Mary's)	1001·7	+0	SE	3	r₀f₀	47	85	7	4000	StCu	10	–	10	*
Falmouth (Pendennis)	1003·3	0	ESE	2	0	47	85	7	2500	CuNb	10	–	10	*
Plymouth (Cattewater)	1003·2	+0	SSW	1	0−	48	65	8	4000	StCu	8	ACu	10	*
Portland Bill	1004·2	+3	Calm	–	0	48	85	7	5700	–	–	ASt	10	*
Southampton (Calshot)	1004·1	+2	SSW	3	0	51	65	8	2500	StCu	2	CiCu	10	*
Dungeness	1005·3	+3	SW	4	d0+	50	92	7	450	St	10	–	10	*
Jersey	1004·4	0	S	4	rr	50	92	7	1500	Nb	10	–	10	*

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	989·8	+4	NNE	4	d₀	39	85	6	2500	Nb	10	–	10	3
Stornoway	994·3	+3	N	2	bc−	45	65	7	4000	Cu	4	–	4	1
Wick	994·2	+5	WNW	3	c	40	92	8	2500	CuNb	3	Ci	7	1
Castlebay	998·1	+1	NW	3	bc	45	75	7	2500	St	4	–	4	2
Nairn	994·3	*	NNW	2	bc−	45	65	8	4000	Cu	3	ACu	5	*
Aberdeen	996·6	+6	NNW	3	c	43	85	7	1500	CuNb	7	–	7	0
Malin Head	998·0	+1	W	1	b	46	97	8	4000	Cu	3	–	3	0
Renfrew	999·0	+3	WSW	4	bc−	47	65	8	4000	StCu	5	–	5	*
Edinburgh (Inchkeith)	997·6	+5	WNW	4	b−	45	75	8	–	StCu	1	–	1	4
Eskdalemuir	999·8	+3	SW	4	b	41	65	8	4000	Cu	3	–	3	*
Tynemouth	1001·2	+3	W	2	bc	48	65	6	4000	CuNb	2	CiCu	4	0
Blacksod Point	999·3	+1	NW	4	bc	47	65	9	–	CuNb	5	–	5	4
Donaghadee	999·9	+1	W	2	bc−	48	65	8	4000	Cu	2	CiCu	4	0
Birr Castle	999·6	*	S	1	c	48	85	8	4000	StCu	8	–	8	*
Baldonnell	1000·5	−1	SE	4	ojp	46	85	8	2500	StCu	9	–	9	*
Holyhead	1001·3	+0	SSW	3	c	45	85	9	2500	Cu	1	CiSt	8	3
Liverpool (Bidston)	1001·8	+1	W	1	bc+	47	65	9	2500	StCu	3	ACu	6	1
Chester (Shotwick)	1001·3	+0	SW	1	0+	43	55	8	–	–	–	ACu	9	*
Spurn Head	1003·1	+2	SW	3	c	48	85	6	4000	StCu	8	–	8	4
Nottingham	1002·1	*	S	2	c	49	65	5	–	–	–	CiSt	7	*
Cranwell	1003·6	+1	SW	3	0	48	65	7	4000	StCu	4	ASt	10	*
Gorleston	1004·4	+1	S	3	0	46	85	5	2500	St	10	–	10	0
Pulham														*
Valentia (Cahirciveen)	1000·1	+0	WNW	2	bc−	47	65	9	4000	Cu	2	Ci	5	1
Roches Point	1000·5	−2	Calm	0	0	47	92	8	4000	StCu	4	CiSt	10	1
Pembroke (St. Ann's H.)	1001·6	−2	ESE	1	b−	45	75	8	4000	Cu	3	–	3	4
Ross-on-Wye	1007·2	−1	S	1	0	48	65	8	–	–	–	ASt	10	*
Benson	1003·2	0	S	1	r₀f₀	46	92	7	–	Nb	10	–	10	*
S. Farnborough	1003·6	−1	S	1	rr	46	92	6	1500	Nb	10	–	10	*
London (Kew Obsy.)	1003·7	+0	SSW	1	rr	48	85	5	1500	Nb	10	–	10	*
Croydon	1004·3	+1	Calm	0	r₀f₀	47	92	6	1500	Nb	7	ASt	10	*
Clacton-on-Sea	1004·4	+1	SSW	3	r₀f₀	48	92	6	800	Nb	10	–	10	0
Shoeburyness	1004·6	+2	SW	1	r₀f₀	48	85	5	1500	St	10	–	10	*
Grain	1004·7	+1	Calm	0	rr	49	97	6	800	Nb	10	–	10	0
Lympne	1004·3	−1	SSW	3	rr	46	97	3	<150	Nb	10	–	10	*
Scilly (St. Mary's)	998·8	−4	E	4	dd	44	92	6	2500	Nb	10	–	10	5
Falmouth (Pendennis)	999·2	−4	E	6	r	43	92	5	4000	CuNb	10	–	10	2
Plymouth (Cattewater)	1000·0	−6	N	1	rr	43	97	7	1500	Nb	10	–	10	1
Portland Bill	1003·0	−2	NE	4	R−	46	85	7	450	St	10	–	10	5
Southampton (Calshot)	1003·1	−2	E	3	rr	45	92	7	4000	Nb	10	–	10	0
Dungeness	1003·1	0	SE	1	rr	47	97	6	450	St	10	–	10	3
Jersey	1002·7	0	SSW	4	r	52	92	7	1500	Nb	10	–	10	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. 14th								YESTERDAY.		TO-DAY.
Kew } 24 hours ended 0700	[illegible]	[illegible]	[illegible]	*	*	45	2	7	4·7	*	*
Croydon }	c	[illegible]	[illegible]	*	*	45	2	7	2·6	·	·
Greenwich (Royal Obsy.)	bcc	cor	[illegible]	61	45	45	2	6	4·9	64	67
City (Bunhill Row)	*	*	*	*	*	*	*	*	4·8		
Westminster (St. James' Pk.)									5·1		
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	5·6	*	·
Camden Sq.	bc	c	*	59	46	42	1	8	*	*	63
Kensington Palace	b·bc	bc·c	*	59	46	45	1	8	*	95(18h.)	60
Hampstead Observatory	*	*	*						5·6	*	

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.

Kew Observatory

Max.	Time.	Min.	Time.
0·3	12th 19h	<0·3	13th 1h.
0·5	13th 6h		

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 13th ..... h. ..... m. to 14th ..... h. ..... m.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

Time.	Type.	No. per sec.	Stren.	Direc.
12h.	–	–	–	–
18h.	–	–	–	–
21h.	–	–	–	–
07h.	–	–	–	–

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

14th & 15th April 1922

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·59 / 4·57	11·53 / 11·53	6·47 / 6·48
Greenwich	5·0 / 5·7	12·0 / 12·0	6·52 / 6·53
Wick	5·6 / 5·3	12·13 / 12·12	7·20 / 7·22
Valencia	3·49 / 5·47	12·11 / 12·41	7·34 / 7·35

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.
r₀f₀ = 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 20 feet above the ground.

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

SEA DISTURBANCE.

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

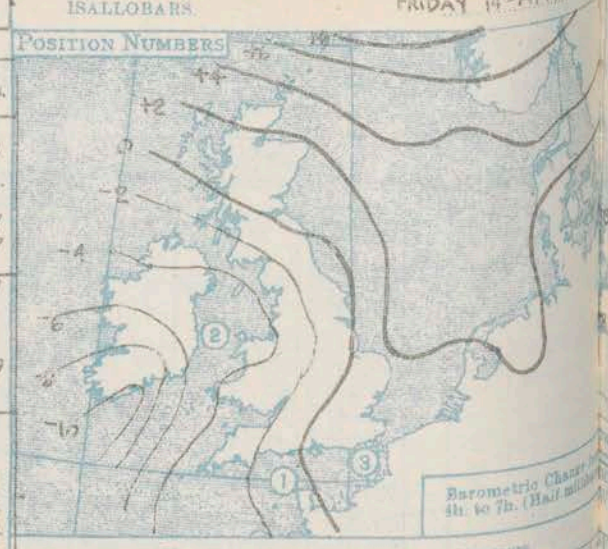
* For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	WEATHER. 13h.-18h. 13th	WEATHER. 18h. 13th to 1h. 14th	WEATHER. 1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL. Day. 7h.-18h. mm.	RAINFALL. Night. 18h.-7h. mm.	RAINFALL. Precipitation began.	RAINFALL. Precipitation began.	SUN. Hours.
Lerwick	r-d	r-d	b-bc	b-bc	43	37	•	7	0·2	<0800	<2100	•
Stornoway	p	bc	b-bc	b-bc	46	28	•	1	–	–	–	2·4
Wick	rorom	omiro	b-bc	b-bc	42	31	•	3	–	<0800	–	•
Castlebay	bcmb	bc	bc.b	bp.o	46	38	•	–	1	–	–	11·1
Nairn	clh bc		bcx	bx	49	27	•	0·2	–	14.30	–	2·8
Aberdeen	orogq	oprO	bcbm	bbm	47	32	26	0·3	–	<0800	–	2·7
Malin Head	bcqp	b-bc	b-bc	c	47	35	•	1	–	16.30	–	9·9
Renfrew	czobpo	bc	bmcx	cmofc	49	26	19	0·2	–	09.00	–	9·2
Edinburgh (Inchkeith)	c	c	b-bc	mm	46	37	30	–	–	–	–	•
Eskdalemuir	h-rh	cphrs	b.o	o	49	34	32	1	–	11.00	–	7·9
Tynemouth	mopo	bcpom	b.bc.m	am	51	37	28	0·2	–	11.00	–	•
Blacksod Point ...	c	b-bc	o.o	o.o	?	35	•	1	–	12.30	–	•
Donaghadee	bc	bc	bc	am	52	37	•	–	–	–	–	•
Birr Castle	co	cprOh	c.o	orro	50	35	28	trace	1	13.30	6.30	7·2
Baldonnell	bbc	oro	c	orr	49	33	21	0·1	2	15.30	5.30	7·8
Holyhead	bbcc	cbcv	bbec	orrm	48	39	38	–	3	–	4.30	10·4
Liverpool (Bidston) ...	b-bc	bc	b. or		49	40		–	2	–	4.30	8·9
Chester (Shotwick) ...	bc.co	oco	o.c	corrm	52	40	37	–	4	–	3.30	•
Spurn Head	c	c	oo	r-d	51	41	•	–	5	–	24.00	6·1
Nottingham	c	c	ro.o	RR	51	41	40	–	10	–	22.00	5·9
Cranwell	c	•	Rrr	rr	52	41	36	–	8	–	22.00	6·7
Gorleston	b-bc	bcc	omrr	or.oc	55	43	40	–	6	–	<2100	8·8
Pulham												
Valencia (Cahireiveen)	ph.cv	c bcv	bccq	cors	49	36	35	0·1	4	0900	4.30	5·5
Roches Point	bcojp	ojpco	oc b	borrm	51	38	•	–	8	–	2.30	•
Pembroke (St. Ann's H.)	b-bc	b-bc	orr	orrgr	47	42	•	–	8	–	22.00	2·9
Ross-on-Wye	bbcco	oy	ogro	rr	50	41	41	–	12	–	<21.00	5·9
Benson...	bbc	bcor	rr	rro	54	43	44	1	13	16.30	<21.00	•
S. Farnborough ...	bbcco	r-d	orr	orro	56	44	44	3	11	14.30	<21.00	4·3
London (New Obsy.) ...	cmbcbq	oyorm	omorrmq	oq.oo	55	46	45	2	7	14.30	<21.00	4·7
Croydon	c	oror	orrqrm	omrrq	55	45	45	2	7	15.30	<21.00	4·6
Clacton-on-Sea ...	bcogr	ogr	ogr	ogr.c	56	45	45	0·2	4	17.30	<21.00	5·0
Shoeburyness	ormc	coror	orrm	ocbc	56	46	45	1	3	15.30	<21.00	5·0
Grain	opcbc	oror	oror	oroo	57	47	47	2	3	15.30	<21.00	4·1
Lympne	orro	orrmm	ofrrm	r-d	55	45	45	5	4	<0800	<21.00	0·3
Scilly (St. Mary's) ...	oo	omrd	r-d	omr	48	42	•	3	12	11.00	<21.00	0·0
Falmouth (Pendennis)	cmom	omr	omr	omr	49	42	•	5	13	12.30	<21.00	1·0
Plymouth (Cattewater)	c	r-d	orr	r-d	51	43	41	5	9	<0800	<21.00	3·6
Portland Bill	oo	or	r-d	or.o	50	44	•	5	8	14.30	<21.00	•
Southampton (Calshot)	c	corr	r-d	dodoo	52	45	45	5	9	14.30	<21.00	4·7
Dungeness	oo	rrm	mmdr	c	51	46	•	4	4	14.30	<21.00	•
Jersey	orro	ocoir	odd	odd.o	53	47	•	7	1	09.00	22.00	0·0

ISALLOBARS. FRIDAY 14th APRIL.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	13th 2h.	Dieppe	SW	7	bcO	49	46
2	13th –	Hibernia	NNW	4	b	46	45
1.	13th 12h.	Reindeer	N	3	o/r	49	47
3.	14th 3h.	–	SW	4	o/p	51	41

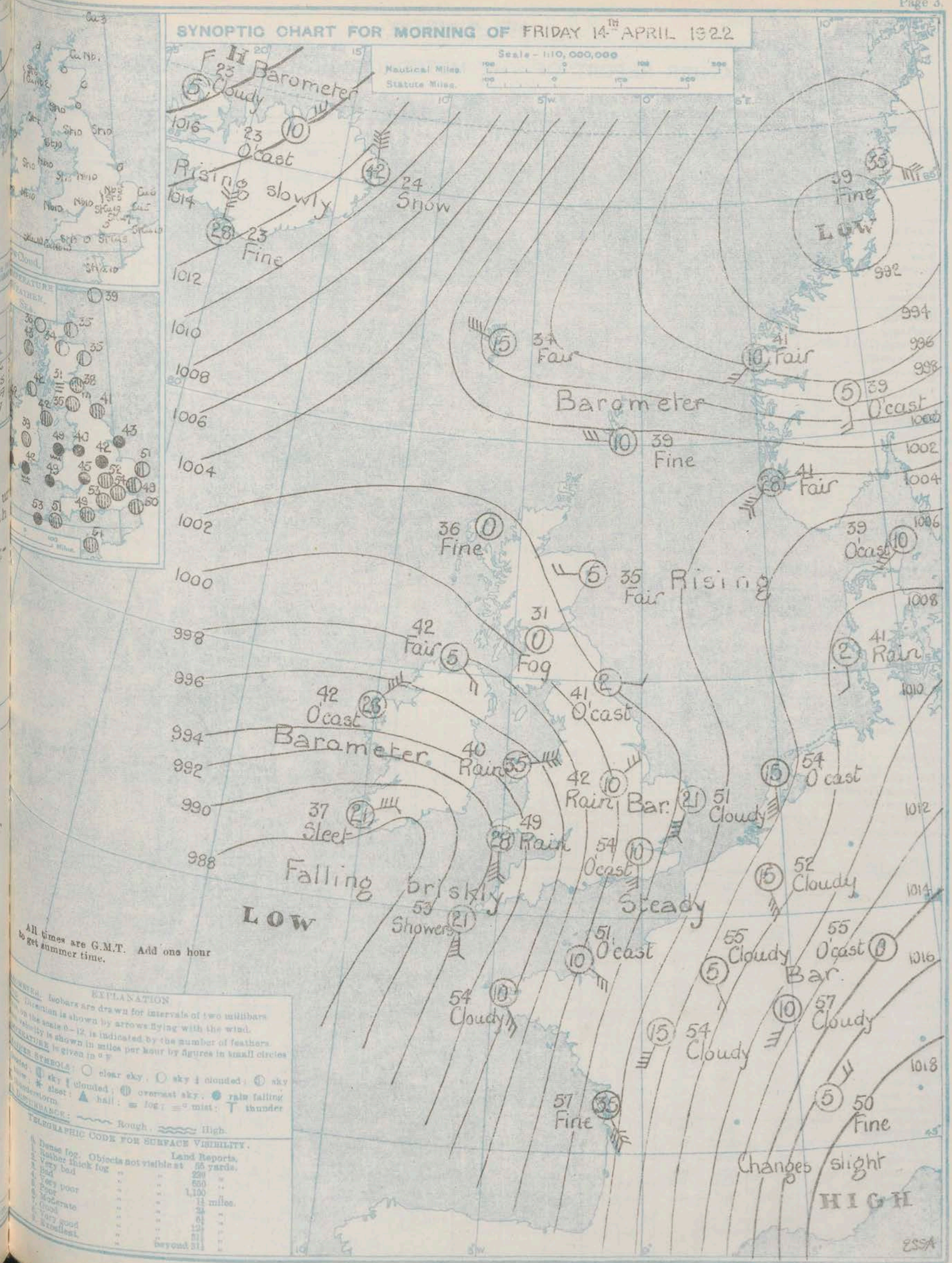
GENERAL INFERENCE.

The depression south of Ireland will maintain cloudy unsettled weather generally with fresh to strong Southerly to South-Westerly winds over England and increasing East to South-East winds in Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 14th April, 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 South to South-West, fresh to strong, a gale in exposed places; much cloud, some rain; visibility moderate; mild.	Continuing unsettled for the next few days.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind East to South-East, freshening; much cloud and rain; visibility poor to moderate; temperature rising.	
17. N.W. Ireland 18. N.E. Ireland	Strong East wind; much cloud and rain; visibility moderate; temperature rising gradually.	
19. S.E. Ireland 20. S.W. Ireland	Wind indefinite, freshening from North later; cloudy, showery; visibility moderate to good; rather cold.	

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

‡ For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Friday, 14th April ... 1922. No. 104...

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	997.0	+7	W	3	bc	39	85	7	5750	Cu	5	-	5	*
Stornoway	1001.6	+3	-	0	bc-	*	*		*	*	*	*	*	*
Wick	999.9	+5	SW	2	b-	35	92	8	-	-	-	A.Cu	1	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1001.1	0	SSW	1	bc+	38	97	7	7250	Cu	1	-	1	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1002.0	+3	W	1	bm	38	85	6	-	-	-	Ci.St	1	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1003.1	+1	-	0	0+	40	92	4	-	-	-	Fi.St	9	*
Blacksod Point ...	994.7	-1	SE	2	0	40	92	5	-	-	-	A.St	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1000.9	-1	-	0	0+	36	97	7	2500	St.Cu	5	A.St	9	*
Holyhead	1000.3	-3	NE'E	3	0+	42	92	7	-	-	-	A.Cu	10	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1002.9	0	ESE	2	orr	43	92	6	-	-	-	A.St	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1004.0	-1	NE'E	2	orr	42	97	6	800	Nb	10	-	10	*
Gorleston	1003.1	0	SE'E	4	orr	44	97	6	4000	Nb	10	-	10	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	997.5	-5	NE	3	c+	43	92	6	-	-	-	A.St	8	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	997.7	-3	ENE	4	ors	42	92	7	1500	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	53	*	*	*	*	*	*	*	*
Croydon	1002.2	-2	SSW	6	ors	52	92	7	800	Nb	9	A.St	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1003.7	0	WSW	6	o/r	50	97	7	1500	St.Cu	10	-	10	*
Scilly (St. Mary's) ...	995.5	-3	SSW	3	orr	51	97	6	800	St.	10	-	10	*
Falmouth (Pendennis)	995.2	-6	SW	7	0	42	97	6	2500	Nb	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	998.9	-4	SSW	6	orr	46	85	6	450	St.	10	-	10	*
Southampton (Calshot)	1001.3	+1	SSW	5	ock	52	85	7	1500	Nb	7	A.St	10	*
Dungeness	1003.4	0	SSW	4	c/r	50	97	8	-	Cu.Nb	3	Ci.Cu	7	*
Jersey 7h }	1002.1	0	S	5	o/r	51	97	9	4000	St.Cu	10	-	10	*
Guernsey 1h }														

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	1002.2	+9	W	3	b	39	75	8	4000	Cu	3	-	3	*
Stornoway	1001.8	+2	-	0	b-	36	85	7	-	-	-	-	0	*
Wick	1002.7	+2	W	1	bc	35	92	8	2500	Cu.Nb	1	Ci.St	4	*
Castlebay	1000.6	0	E	3	o/r	43	75	6	1500	St.	10	-	10	*
Nairn	1002.6	*	-	0	0	34	75	8	-	-	-	A.Cu	3	*
Aberdeen	1003.4	+1	W	2	bc	35	85	4	-	-	-	Ci.St	5	*
Malin Head	998.2	-3	SE	2	bc+	42	97	8	2500	St.	4	A.Cu	6	*
Renfrew	1001.7	-1	-	0	ffo	31	97	3	2500	St.	10	-	10	*
Edinburgh (Inchkeith)	1001.9	0	S	1	mbc	38	92	6	-	-	-	A.St	6	*
Eskdalemuir	1001.8	-2	ENE	4	0	35	97	7	800	St.	10	-	10	*
Tynemouth	1002.6	-1	E	1	0	41	97	5	2500	St.	10	-	10	*
Blacksod Point ...	995.0	-5	NE	6	0	42	92	8	-	-	-	A.St	10	*
Donaghadee	999.9	-4	E	3	0	42	85	7	4000	St.	10	-	10	*
Birr Castle	994.2	*	SE	2	o/f	39	97	6	450	St.	10	-	10	*
Baldonnell	997.0	-5	ENE	5	orr	40	97	6	800	Nb	10	-	10	*
Holyhead	995.6	-5	E'N	7	orr	40	97	6	1500	St.	10	-	10	*
Liverpool (Bidston) ...	997.7	-4	E	4	orr	40	92	2	800	Nb	10	-	10	*
Chester (Shotwick) ...	997.3	-5	SE	1	orr	40	97	5	1500	Nb	10	-	10	*
Spurn Head	1000.7	+2	ENE	3	orr	43	92	5	-	-	-	A.St	10	*
Nottingham	999.2	*	NE	3	ork-	42	97	5	800	Nb	10	-	10	*
Cranwell	1000.0	-2	E	3	ors	43	97	5	800	Nb	10	-	10	*
Gorleston	1002.6	-1	SSW	5	c+	51	85	7	4000	Cu	6	Ci.St	8	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	988.3	-9	ENE	5	ors	37	85	6	1500	St.	8	A.St	10	*
Roches Point	987.5	-10	ESE	7	orr	42	97	6	800	Nb	10	-	10	*
Pembroke (St. Ann's H.)	992.4	-3	S	6	ors	49	92	7	1500	Nb	10	-	10	*
Ross-on-Wye	993.5	-2	SW	2	orr	45	97	7	1500	Nb	10	-	10	*
Benson...	993.5	0	SSW	4	o/r	52	85	8	-	St.Cu	10	-	10	*
S. Farnborough ...	1000.8	0	S	4	o/r	53	85	6	-	-	-	A.St	10	*
London (Kew Obsy.)...	1001.4	0	S	3	0	54	75	8	2500	St.Cu	7	A.St	10	*
Croydon	1002.0	+1	S	4	o/r	54	75	7	2500	St.Cu	8	A.St	8	*
Clacton-on-Sea ...	1001.6	0	SSE	4	c/r	49	92	7	1500	Cu	6	A.Cu	6	*
Shoeburyness	1002.7	0	SW	2	bc-	62	75	7	4000	Cu	5	A.Cu	9	*
Grain	1002.6	0	S	4	o/r	53	85	8	5750	St.Cu	8	Ci	10	*
Lympne	1003.7	0	SW	4	o/r	50	85	8	5750	St.Cu	10	-	10	*
Scilly (St. Mary's) ...	991.2	-3	S	5	opc	53	85	6	4000	St.Cu	10	-	10	*
Falmouth (Pendennis)	993.7	-4	SSW	6	o/r	51	92	6	4000	Cu.Nb	10	-	10	*
Plymouth (Cattewater)	996.1	-3	SSE	6	ojp	54	75	8	4000	St.	10	-	10	*
Portland Bill	997.9	0	S'E	5	o/r	49	85	7	-	-	-	A.St	10	*
Southampton (Calshot)	1000.2	-1	SSW	5	o/r	52	75	7	4000	St.Cu	3	A.St	7	*
Dungeness	1003.2	0	SW	3	c	50	92	8	-	Cu.Nb	7	-	10	*
Jersey 7h }	1000.2	-2	SE	3	o/r	51	85	8	2500	St.Cu	10	-		
Guernsey 1h }														

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 12h.-12h. °F.	Temperature. Max. Day 12h.-13h. °F.	Rainfall.† Night 18h.-9h. 12h.-13h. mm.	Rainfall.† Day 9h.-18h. 12h.-13h. mm.	Sunshine. Sunrise to 12h. 12h.-13h. hr.	Sunshine. Sunrise to Sunset 12h.
Banff	ro	co	37	44	7	3	0·3	2·4
Montrose	obc	bc	38	51	2	-	4·1	2·8
Llandudno	cbc	bc	39	48	8	-	8·7	2·2
Colwyn Bay ...	cbc	bc	39	51	-	-	9·9	1·6
Rhyl...	bcbc	cbc	40	49	5	-	7·0	0·9
Southport	bbc	cb	?39	49	5	-	9·0	0·3
Blackpool	bc	bc	40	49	5	-	10·5	1·1
Harrogate	bc	bc	37	49	10	-	7·2	0·6
Skegness	ocbc	bco	40	52	1	-	4·5	0·4
Aberystwyth ...	ocb	cco	40	47	-	-	5·0	1·0
Bath	b bc	oc.cor	40	51	2	-	4·9	-
Leamington Spa ..	bc	cbo	39	51	1	-	6·2	-
Lowestoft	bc	bcco	44	57	2	-	7·8	1·5
Felixstowe	bc	om	45	55	3	-	6·0	2·0
Southend	bc.bc	cor	45	55	3	1	4·5	-

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night. 12h. °F.	Temperature. Max. Day. 13h. °F.	Rainfall.† Night 18h.-9h. 12h.-13h. mm.	Rainfall.† Day 9h.-18h. 12h.-13h. mm.	Sunshine. Sunrise to 12h. 12h.-13h. hr.	Sunshine. Sunrise to Sunset 12h.
Paignton	bcc	bcor	42	53	4	5	4·3	-
Ilfracombe	bc	coo	42	48	1	-	3·1	3·5
Bude	b	c	42	?51	9	-	3·3	0·2
Penzance	co	or	43	48	1	2	0·8	0·6
Falmouth Observatory	co	rr	42	49	2	5	4·8	0·1
Torquay	b	r	43	52	3	4	3·7	-
Weymouth	bc	r	42	52	3	5		
Bournemouth ...	bbc	rr	44	52	9	5	2·5	-
Portsmouth (Southsea)	bc	or	45	54	10	3	4·7	-
Worthing	bcc	or	46	50	3	1	2·1	0·2
Brighton	co	or	48	49	8	4	1·4	-
Eastbourne	o	or	48	51	4	3	0·2	
Hastings	o	r	40	51	4	1	0·8	-
Folkestone	bc	cor	46	55	4	1	2·9	0·4
Tunbridge Wells ...	bc	bc	43	55	4	-	2·8	1·6
Ramsgate ...	bcc	car	48	55	3	0·1	3·3	1·8
Margate ...	orbc	cro	47	54	4	trace	2·7	1·4
Deal ...								

* 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.22059 Saturday, 15th APRIL 1922. Page 1.

Observations at 1300 G.M.T. 14th

Stations	Barom. at M.S.L. (mb.)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. (°F.)	Humidity (%)	Visibility§ (0-9)	Height of Low Cloud (Feet)	Low Cloud Form.	Low Cloud Amt. (0-10)	Upper Form.	Total Amt. (0-10)	Sea (0-9)
Lerwick	10053	+3	W	2	bc	43	65	8	-	Cu	4	-	4	·
Stornoway	10017	0	ENE	3	o+	44	75	6	800	Sr	10	-	10	·
Wick	10030	+2	E	2	c+	44	97	8	-	-	0	A.Sr	8	·
Castlebay	9986	-2	E'S	4	o	45	65	6	1500	Sr	10	-	10	·
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	10028	-2	ESE	3	o+	43	97	7	-	-	0	A.Sr	10	·
Malin Head	9941	-2	ENE	3	orr	40	97	7	4000	Nb	10	-	10	·
Renfrew	9979	-6	ENE	6	oRR	38	92	5	800	Nb	10	-	10	·
Edinburgh (Inchkeith)	9994	-2	E	4	orr	39	92	7	-	Nb	10	-	10	·
Eskdalemuir	9986	+5	NE	3	os	34	97	6	1500	Nb	10	-	10	·
Tynemouth	10001	-2	ESE	3	orr	41	97	6	4000	Nb	10	-	10	·
Blacksod Point	9875	-9	ENE	8	oRR	40	65	7	-	Nb	10	-	10	·
Donaghadee	9924	-11	E	4	orr	41	92	7	4000	Nb	10	-	10	·
Birr Castle	9829	·	SE	2	oR	44	97	6	2500	Nb	10	-	10	·
Baldonnell	9870	-9	ESE	5	orr	50	92	4	800	Nb	10	-	10	·
Holyhead	9908	-4	SSE	5	or	52	92	7	1500	Sr	10	-	10	·
Liverpool (Bidston)	9930	-4	ENE	2	o/r	51	92	7	1500	Sr	10	-	10	·
Chester (Shotwick)	9922	-6	SE	3	od°	55	85	5	1500	Sr	10	-	10	·
Spurn Head	9981	-2	SSE	3	o	52	92	6	4000	StCu	9	-	9	·
Cottingham	9959	·	E	2	o	57	85	6	1500	Nb	10	-	10	·
Cranwell	9974	-3	SE'E	5	o	62	65	6	4000	StCu	9	A.Cu	10	·
Gorleston	10025	-1	S	4	o+	[illegible]	85	6	-	-	9	A.Sr	10	·
...														·
Valencia (Cahirciveen)	9771	-7	SE	3	o|r	53	92	7	1500	Sr	10	-	10	·
Roches Point	9810	-4	SE	6	or	50	97	6	800	Nb	10	-	10	·
Pembroke (St. Ann's H.)	9906	-3	SE	5	orr	48	92	7	1500	Nb	10	-	10	·
Ross-on-Wye	9938	-5	S	3	o	60	65	8	2500	StCu	7	A.Sr	10	·
Benson	9959	-5	SSE	6	c-	64	75	9	-	Cu	3	Ci.Sr	8	·
S. Farnborough	9972	-5	S	6	o	66	55	7	-	-	0	Ci.Sr	9	·
London (Kew Obsy.)	9978	-5	S	4	bc	66	55	8	2500	Cu	1	Ci.Sr	4	·
Croydon	9987	-6	SSE	5	c-	65	55	8	-	-	0	Ci	7	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Shoeburyness	9994	-3	SW	3	bc+	62	75	7	-	-	-	Ci.Sr	6	·
Grain	9996	-4	SSE	5	o	61	75	8	-	-	0	Ci.Sr	9	·
Lympne	10002	-7	SSE	6	bc	60	75	8	-	-	0	A.Cu	6	·
Scilly (St. Mary's)	9860	-6	SE	7	c|r	54	85	7	4000	StCu	4	A.Cu	7	·
Falmouth (Pendennis)	9901	-4	SSE	7	orr	51	97	6	1500	Nb	10	-	10	·
Plymouth (Cattewater)	9930	-2	SE	4	odd	52	97	8	1500	Nb	10	-	10	·
Portland Bill	9960	-4	SE	6	o	52	85	7	-	-	0	A.Sr	10	·
Southampton (Calshot)	9967	-4	SSE	6	o	53	85	8	-	-	0	A.Sr	10	·
Dungeness	10001	-4	S	3	bc	55	85	8	-	-	0	C.Cu	5	·
Jersey	9969	-2	SSE	4	c	61	65	8	4000	StCu	6	A.Cu	8	·

Observations at 1800 G.M.T. 14th

Stations	Barom. at M.S.L. (mb.)	Change in 3 Hours‡	Wind Direc.	Wind Force (0-12)	Weather	Temp. (°F.)	Humidity (%)	Visibility§ (0-9)	Height of Low Cloud (Feet)	Low Cloud Form.	Low Cloud Amt. (0-10)	Upper Form.	Total Amt. (0-10)	Sea (0-9)
Lerwick	10052	-1	SSE	2	bc	42	75	8	-	-	0	Ci.Sr	5	1
Stornoway	9982	-4	E	4	o	43	75	6	450	Sr	10	-	10	3
Wick	9994	-5	E	4	o|r	42	85	7	2500	Cu.Nb	3	Ci.Sr	10	3
Castlebay	9930	-6	NNE	5	orr°	41	85	6	7250	Nb	10	-	10	4
Nairn	9969	*	E	2	orr	39	92	7	1500	Nb	9	-	9	·
Aberdeen	9980	-7	E'S	5	orr	39	92	6	1500	Nb	10	-	10	3
Malin Head	9877	-10	ENE	8	oRRR	38	97	5	4000	Nb	10	-	10	5
Renfrew	9905	-8	NE	5	oRR	39	97	4	800	Nb	10	-	10	·
Edinburgh (Inchkeith)	9926	-8	E	5	orr	41	97	7	-	Nb	10	-	10	5
Eskdalemuir	9919	-5	NNE	2	orr	39	97	7	800	Nb	10	-	10	·
Tynemouth	9933	-5	ENE	1	of°+	43	97	4	4000	Nb	10	-	10	3
Blacksod Point	9802	-6	NNE	9	oRR+	40	85	5	-	Nb	9	-	9	9
Donaghadee	9862	-5	SSE	4	orr	47	97	5	1500	Sr	10	-	10	5
Birr Castle	9781	·	SSE	3	oR	51	97	6	2500	Nb	10	-	10	·
Baldonnell	9818	-6	E'S	6	orr	53	93	7	800	Nb	10		10	·
Holyhead	9856	-5	SSE	6	o+	55	85	8	1500	Nb	10	-	10	4
Liverpool (Bidston)	9878	-6	SE	4	bc-	54	85	7	2500	Cu	6	-	6	4
Chester (Shotwick)	9877	-6	SE	5	bc|r	57	75	8	4000	StCu	4	-	4	·
Spurn Head	9936	-5	SSE	4	oPf°	48	92	6	-	-	0	A.Sr	10	4
Cottingham	9931	·	S	4	o-	60	65	7	800	Nb	8	Ci.Sr	9	·
Cranwell	9944	-2	S'W	5	or°	60	75	8	1500	Nb	4	A.Sr	10	·
Gorleston	9985	-1	S'W	5	bc-	57	75	6	-	-	0	Ci	4	4
...														·
Valencia (Cahirciveen)	9728	-4	ENE	3	o|r	50	92	7	800	Sr	10	-	10	1
Roches Point	9748	0	SE	5	oRR	48	97	6	800	Nb	10	-	10	7
Pembroke (St. Ann's H.)	9852	-3	S	6	bc+	51	75	7	1500	Nb	6	-	6	5
Ross-on-Wye	9906	-5	SE'S	3	bc	57	75	8	4000	CuNb	2	A.Cu	4	·
Benson	9935	-3	SSE	4	bc|r	60	75	9	-	Cu	5	-	5	·
S. Farnborough	9955	0	S	3	or°+	59	65	6	2500	Sr	2	A.Sr	10	·
London (Kew Obsy.)	9958	0	SSE	3	or°	62	65	7	2500	Nb	4	A.Sr	10	·
Croydon	9970	0	S	4	off°	60	65	7	2500	Sr	6	A.Sr	10	·
Clacton-on-Sea	9976	-2	SSE	3	c+	53	85	6	-	-	0	A.Sr	7	0
Shoeburyness	9970	-1	SSW	1	bc+	53	75	7	4000	StCu	3	A.Sr	6	·
Grain	9972	-2	SSE	1	o	60	75	8	5750	StCu	6	Ci.Sr	10	0
Lympne	9977	-1	S'E	5	ojp	58	65	8	4000	Nb	6	A.Sr	10	·
Scilly (St. Mary's)	9797	-5	S'E	8	or°	52	85	6	800	Sr	10	-	10	7
Falmouth (Pendennis)	9844	-6	SSE	10	o|r	51	85	6	2500	CuNb	9	-	9	8
Plymouth (Cattewater)	9889	-3	S	6	o-	55	65	8	-	-	0	-	0	4
Portland Bill	9934	-3	S	6	bc-	52	85	7	-	-	0	Ci.Sr	4	5
Southampton (Calshot)	9951	-1	SSW	6	ojp	57	65	8	5750	Nb	2	A.Cu	9	3
Dungeness	9976	-2	SSW	3	o+	54	85	8	4000	Cu	6	A.Cu	10	4
Jersey	9959	0	S	4	o|r	58	65	8	-	-	0	A.Cu	9	4

London Observations (24 hours ended 0900 G.M.T. 15th; Sunshine: yesterday; Humidity 15h.: yesterday, 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	oboobc	bcpgor	ozzqoq	·	·	49	0	0.1	3.3	·	·
Croydon (24 hours ended 0700)	bbc	oybr°	opbpqoq	·	·	47	0.1	0.4	5.6	·	·
Greenwich (Royal Obsy.)	-	or	or	70	51	46	-	6.3	4.0	49	65
City (Bunhill Row)	·	·	·	·		·	·		4.0	·	·
Westminster (St. James' Pk.)	·	·	·	69	52	47	0.3		4.1	33	60
Regents Pk. (Botanic Gdns.)	·	·	·	·	·		·	·	3.4	·	-
Camden Sq.	c	bc	·	69	51	47	-	1	·	~	60
Kensington Palace	bc	o	·	69	51	48	-	0.6	·	60 (15h.)	61
Hampstead Observatory	·	·	·			·			3.1	·	

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

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

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 ......h......m. to 15th ......h......m.

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

Radio Disturbances (Atmospherics) at Croydon.†

Time.	Type.	No. per 4 sec.	Stren.	Direc.
1h.	-	-	-	-
13h.	-	-	-	-
6h.	-	-	-	-
7h.	-	-	-	-

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 15th & 16th Apl. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	457 / 455	1159 / 1159	6.49 / 6.50
Greenwich	507 / 505	120 / 120	6.53 / 6.55
Wick	53 / 51	1212 / 1212	7.22 / 7.24
Valencia	547 / 545	1241 / 1241	7.35 / 7.37

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°r° = 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 33 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

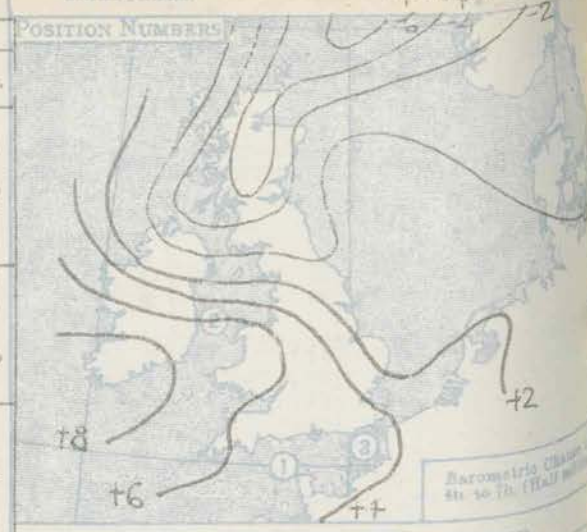
For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For scale see page 7.

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	bbc	bbc	r-d	r-d	46	34	•	-	14	-	2200	•
Stornoway	bc	oo	r-d	r-d	44	37	•	-	10	-	<2100	3.9
Wick	oo	oiR	oRr	oRm	44	37	•	1	14	1630	<2100	•
Castlebay	opo	orrq	rrq	orrq	45	36	•	1	34	1730	<2100	0.0
Nairn	crr	Rqo	rorro		48	35	•	2	4	1430	<2100	1.5
Aberdeen	cmo	orrm	orrm	orm	45	38	38	4	12	1330	<2100	0.3
Malin Head	orr	oqlrh	v.oRR	oiR	43	38	•	8	8	1100	<2100	0.0
Renfrew	ofrrR	orsRrq	oRm	oiRrr	41	39	25	22	16	<0800	<2100	0.0
Edinburgh (Inchkeith)	r.d	r.d	F	oo	42	40	39	10	.2	1330	-	•
Eskdalemuir	oorro	ORR	orbco	oorm	39	38	37	25	8	<0800	<2100	0.0
Tynemouth	mmrr	mrrff	orrff	mpo	43	41	39	9	1	<0800	<2100	•
Blacksod Point	h.rh	hrrh		r-d	?	?	•	9	9	1100	-	•
Donaghadee	omrq	omrq	ofR	omr	48	46	•	19	7	<0800	<2100	•
Birr Castle	oiR	oiR	oiR	oRR	54	42	41	12	10	<0800	<2100	0.6
Baldonnell	oRrrm	orrm	crrore	oirr	54	47	45	21	6	<0800	<2100	1.5
Holyhead	orrRm	rrocbo	orrm	irmo	56	47	45	17	2	<0800	2400	0.7
Liverpool (Bidston)	r.d	rd	coq		56	40	39	2	-	<0800		0.6
Chester (Shotwick)	orrd	odrrbc	bcbq	bccdq	57	50	46	2	trace	<0800	0430	•
Spurn Head	oo	oo	p	c	54	41	•	1	0.5	<0800	<2100	0.0
Nottingham	ro	oop	oc	c	64	50	45	1	—	<0800	-	0.0
Cranwell	mro	oir	crqc	pro	63	49	46	0.4	0.5	<0800	<2100	0.1
Gorleston	c	ocbcq	opcbc	bccq	58	42	42	-	0.1	-	<2100	2.3
Valencia (Cahirciveen)	or	rcor	bcl	oirr	54	43	40	12	10	<0800	<2100	0.3
Roches Point	rromr	rrcR	roo	or	51	43	•	23	6	<0800	<2100	•
Pembroke (St. Ann's H.)	orr	orcq	oqrp	oqcq	52	47	•	2	1	<0800	<2100	1.8
Ross-on-Wye	mro	ogrobc	bcqqp	bcqcq	61	48	44	3	0.6	<0800	2400	0.4
Benson	oo	bcp	r.o	oc	66	48	44	1	3	1630	<2100	•
S. Farnborough	oo	r.d	oporm	orr	67	49	47	0.3	0.6	1530	<2100	3.6
London (Kew Obsy.)	czbcobc	bcpqor	bcorpq	oqcq	67	51	49	trace	0.1	1630	<2100	3.3
Croydon	o⊕⊕c	oyrc	opopq	oq	67	50	47	0.1	0.4	1630	<2100	5.6
Clacton-on-Sea	cbc	c	cpc	c	53	49	45	-	trace	-	2200	4.1
Shoeburyness	c	b-bc	bccpo	o	65	51	46	-	0.2	-	<2100	5.0
Grain	oo	oo	ccd,	oqcq	65	51	46	-	0.3	-	2200	6.2
Lympne	ocq	coqjr	ory	oo	60	49	47	-	0.2	-	<2100	5.3
Scilly (St. Mary's)	omrq	c	omqbcomqr		56	44	•	3	0.6	<0800	42100	3.2
Falmouth (Pendennis)	omr	omcom	ompq	omcmq	55	41	•	3	-	0900	-	3.1
Plymouth (Cattewater)	r.d	b.bc.o	op	b.bc	57	49	45	2	0.1	<0800	-	2.5
Portland Bill	oo	obc	bc.o	o bc	53	44	•	-	-	-	-	.x
Southampton (Calshot)	oo	o	c	b.bc	57	48	47	0.4	0.2	1630	42100	1.6
Dungeness	b.bc	c	cv	c	56	46	•	-	trace	-	<2100	•
Jersey	oco	opco	opocb	b	62	48	•	0.1	0.3	1530	2200	1.8

ISALLOBARS. 0700 April 15th.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	15th 2h.	Dieppe	SSW	3	o/p	53	48

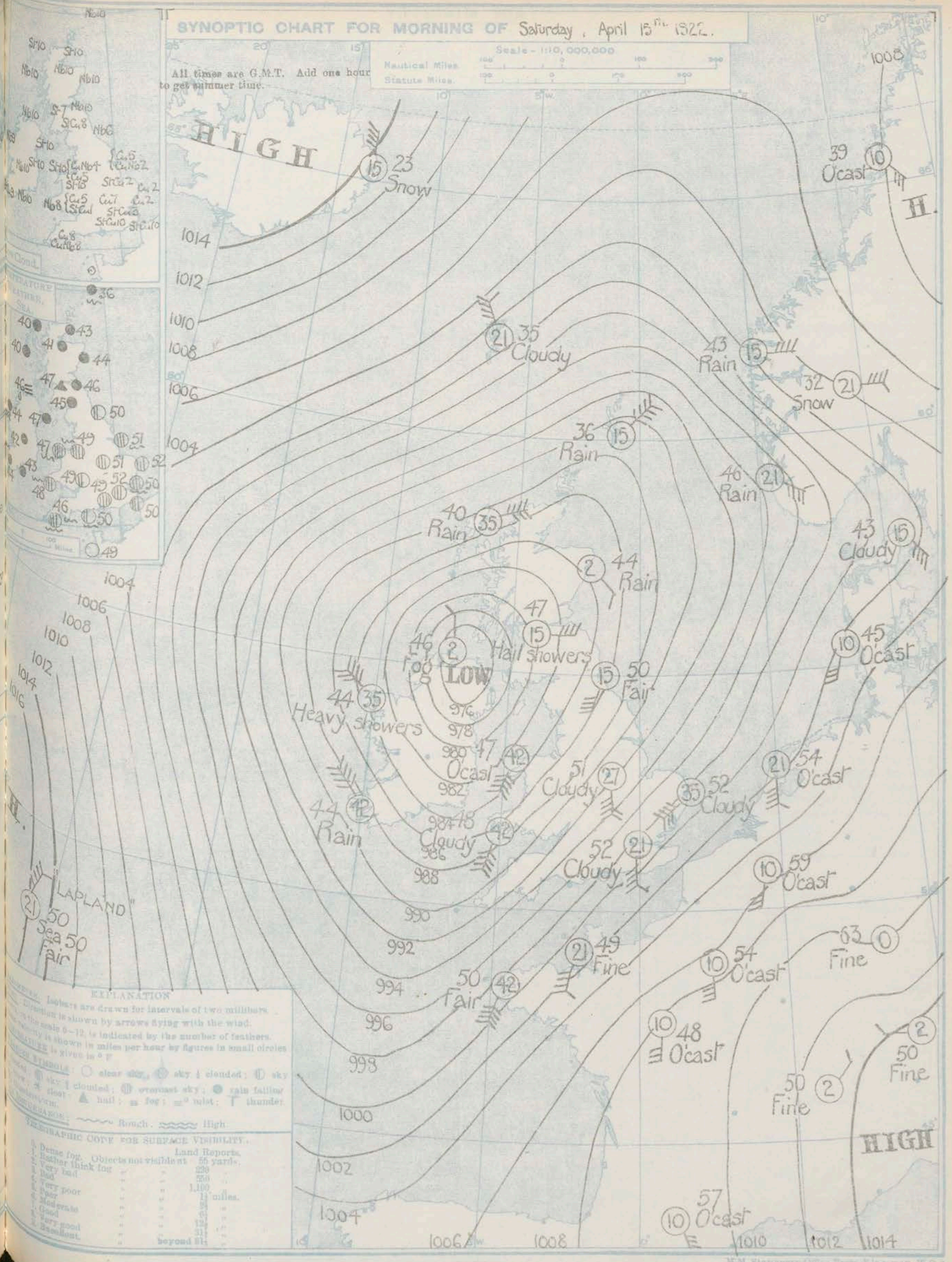
GENERAL INFERENCE.

The deep depression over Northern Ireland will move slowly NE, and strong winds or gales are probable in all districts with much rain in Scotland but local showers only in England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 15th April, 1922	Farther 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	Fresh to strong SW wind, a gale in exposed places; mainly fine, but occasional showers not improbable; visibility mainly good; mild.	Still rather unsettled but considerable fair periods likely.
9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland	Wind mainly Easterly at first, becoming Northerly later; fresh to strong, a gale in exposed places; much cloud and rain at first, showers and bright intervals later, visibility becoming good; rather cold.	
13. Isle of Man	As 1 - 10	
14. N. & N.W. Scotland 15. Hebrides	As 11 - 12	
16. Orkneys and Shetlands	Strong NE wind, backing to N later; much cloud and rain; visibility moderate; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind NW, strong to a gale; showery; visibility mainly good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 11.05

G. C. SIMPSON, F.R.S., Dir. Met.



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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Saturday 15th APRIL 1922. No. 105.

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	997.6	-10	E	6	orr	38	92	7	2500	Nb	10	–	10	*
Stornoway	997.7	-7	E	7	RR	*	*	4	*	*	*	*	*	*
Wick	972.6	-8	ENE	5	oRR	40	97	7	2500	CuNb	10	–	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	977.9	-7	ENE	2	oRR	47	97	7	4000	Nb	10	–	10	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	984.2	-5	ENE	3	mmo	42	97	6	–	St.	10	–	10	
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	987.5	-4	SSW	3	b/f	45	97	6	–	–	–	–	0	*
Blacksod Point														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	978.5	-9	SE'E	6	o	50	97	7	800	St.	10	–	10	*
Holyhead	979.3	-5	S'E	7	orr	*	*	5	450	Nb	10	–	10	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	990.8	-2	SW	7	b/f	51	85	7	4000	Cu	1	–	1	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	991.2	-1	S	7	b+	52	65	8	2600	Cu	1	–	1	*
Gorleston	998.0	0	S	4	bc-	46	92	7	7250	St.Cu	4	–	4	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	979.0	+3	N	8	opro	43	97	4	–	CuNb	10	–	10	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	981.0	+1	S	8	opro	47	92	7	1500	Nb	10	–	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	57	*	*	*	*	*	*	*	*
Croydon	996.5	-2	SSW	7	o/r	55	65	8	2500	St.Cu	8	A.Cu	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	998.3	0	S	5	o/r	52	85	8	4000	St.Cu	7	A.St	10	*
Scilly (St. Mary's)	984.4	+8	SW	7	bc	49	75	7	4000	St.Cu	6	–	6	*
Falmouth (Pendennis)	985.1	+5	SW	10	oRR-	51	92	6	4000	CuNb	9	–	9	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	993.4	0	SSW	8	o+	50	85	7	–	–	–	A.St	10	*
Southampton (Calshot)	995.1	+1	SSW	7	b-	50	85	8	4000	Cu	2	–	2	*
Dungeness	998.0	0	SSW	3	bc+	51	92	9	–	–	–	A.Cu	6	*
Jersey 7h / Guernsey 1h	995.7	+2	S	6	o+	52	75	7	5750	Nb	7	A.Cu	9	*

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	989.5	-6	NE	8	orro	36	97	6	2500	Nb	10	–	10	7
Stornoway	986.6	+1	ENE	7	orr	40	92	5	450	St	10	–	10	6
Wick	984.3	-3	N	5	orrb	43	97	6	800	St.	10	–	10	4
Castlebay	983.1	0	NNW	5	oR-	40	92	5	450	Nb	10	–	10	5
Nairn	984.0	*	E	1	orr	41	97	7	1500	Nb	10	–	10	*
Aberdeen	984.7	0	SE	1	oro	44	97	4	1500	Nb	10	–	10	0
Malin Head	975.5	-2	N	1	fo	46	97	3	2500	Nb	10	–	10	2
Renfrew	980.7	-4	E	4	cR-	47	92	6	800	St.	7	–	7	*
Edinburgh (Inchkeith)	982.4	-3	SE	3	oddo	46	92	8	–	Nb	10	–	10	3
Eskdalemuir	982.3	-1	S	6	orr	45	92	6	1500	Nb	10	–	10	*
Tynemouth	985.5	-1	SSW	4	bc	50	85	6	4000	Nb	6	–	6	3
Blacksod Point	983.9	+5	NW	7	oRR	44	92	7	–	Nb	9	–	9	5
Donaghadee	977.9	+1	SW	3	oddo	47	97	?	1500	St.	10	–	10	3
Birr Castle	981.7	*	W	1	oRR	42	97	6	1500	Nb	10	–	10	*
Baldonnell	980.6	+7	SE'S	4	orr	47	97	4	800	St	10	–	10	*
Holyhead	983.4	+6	SSW	8	o	47	92	7	1500	St	10	–	10	6
Liverpool (Bidston)	986.0	+4	SSW	6	o	49	65	7	2500	Cu	9	–	9	6
Chester (Shotwick)	986.8	+7	S	6	odo	50	65	9	1500	St	10	–	10	*
Spurn Head	992.1	+2	SSW	7	c+	51	75	6	4000	Cu	7	–	7	6
Nottingham	992.8	*	S	6	c+	51	65	7	1500	CuNb	8	–	8	*
Cranwell	993.1	+4	S'W	7	b	50	65	8	2500	St.Cu	2	A.Cu	3	5
Gorleston	998.4	+1	S'W	7	c+	52	65	6	5750	Cu	2	A.Cu	7	*
Valencia (Cahirciveen)	984.0	+9	NWN	8	oro	44	75	7	2500	St.Cu	9	A.St	10	6
Roches Point	985.2	+9	NW	4	or-	43	92	8	1500	Nb	10	–	10	*
Pembroke (St. Ann's H.)	987.8	+6	SSW	8	c-	48	85	7	1500	Nb	8	–	8	7
Ross-on-Wye	992.8	+6	SSW	6	bc	49	65	8	4000	Cu	6	–	6	*
Benson	996.6	+5	SSW	6	c/r	49	85	8	–	Cu	7	–	7	*
S. Farnborough	998.3	+5	S'W	5	o	49	75	6	2500	St.Cu	10	–	10	*
London (Kew Obsy.)	998.7	+6	S'W	5	c-	52	65	8	1500	St.Cu	3	Ci.St	8	*
Croydon	999.4	+3	SSW	6	o	50	75	7	1500	St.	10	–	10	3
Clacton-on-Sea	999.3	+3	S	4	c	50	85	6	1500	Cu	2	A.St	8	*
Shoeburyness	1000.1	+4	SW	5	o	52	65	7	4000	St.Cu	5	Ci.St	9	6
Grain	1000.6	+6	SSW	6	o	52	75	8	4000	Cu	3	A.Cu	10	*
Lympne	1001.9	+4	SSW	5	o	50	85	8	1500	St	9	A.St	10	*
Scilly (St. Mary's)	988.4	+1	S'W	7	bc-	48	75	7	4000	St.Cu	5	–	5	6
Falmouth (Pendennis)	992.0	+6	SW	8	c-	46	75	6	4000	CuNb	8	–	8	6
Plymouth (Cattewater)	993.7	+5	SSW	7	bc-	49	85	8	1500	Cu	6	–	6	6
Portland Bill	997.3	+5	SSW	7	bc-	50	85	7	–	–	–	A.Cu	6	7
Southampton (Calshot)	998.8	+5	SSW	7	bc	49	85	8	2500	Nb	5	–	5	3
Dungeness	1002.7	+4	SW	4	o+	50	97	8	5750	St.Cu	10	–	10	4
Jersey 7h / Guernsey 1h	1000.5	+1	SSW	5	b/r	49	85	8	–	–	–	–	0	4

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

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night 13-14th °F	Temp. Max. Day 14th °F	Rainfall Night 19h.-9h 13-14 mm.	Rainfall Day 9h.-17h 14th mm.	Sunshine Sunrise to 17h. 14th hr.	Sunshine Sunrise to Sunset 13th
Banff	co	opr	27	46	0.1	1	1.6	0.5
Montrose	o	or	28	43	–	4	0.0	5.6
Llandudno	r	r	40	56	6	4	0.1	9.0
Colwyn Bay	r	r	40	56	9	4	?	9.9
Rhyl	r	rc	40	59	5	3	0.2	7.2
Southport	ro	or	38	54	4	1	0.0	10.4
Blackpool	o	or	37	50	4	2	0.0	10.6
Harrogate	orm	orm	36	48	8	3	0.0	8.4
Skegness	o	o	42	55	5	-	0.0	4.5
Aberystwyth								
Bath	o	ocpcb	44	62	13	0.5	1.1	4.9
Leamington Spa	opr	o	36	64	10	0.3	0.0	6.2
Lowestoft	oco	ocbc	44	53	6	-	1.8	7.8
Felixstowe	c	bc	45	53	5	-	4.4	6.0
Southend	cbc	bcc	45	62	4	-	4.2	4.6

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temp. Min. Night 13-14th °F.	Temp. Max. Day 14th °F.	Rainfall Night 19h.-9h 13-14 mm.	Rainfall Day 9h.-17h 14 mm.	Sunshine Sunrise to 17h 14th hr.	Sunshine Sunrise to Sunset 13th
Paignton	ocbc	orbq	42	58	21	2	2.1	0.0
Ilfracombe	cop	oc	43	61	11	0.5	1.9	3.1
Bude	r	rcb	43	61	6	2	2.5	3.5
Penzance	or	bbcqc	43	56	13	5	2.7	0.0
Falmouth Observatory	r	bc	42	56	17	4	2.9	0.8
Torquay	cobc	robc	43	55	21	1	1.7	4.8
Weymouth	oc	opr	44	57	11	0.4	0.3	3.7
Bournemouth	oc	cro	43	55	14	1	2.0	2.5
Portsmouth (Southsea)	bc	om	46	57	10	-	2.1	4.7
Worthing	c	o	47	57	8	-	3.5	2.1
Brighton	cbc	bcco	47	55	7	-	4.0	1.4
Eastbourne	ocbc	co	46	57	4	-	3.5	0.2
Hastings	ocbc	bcco	46	57	4	-	3.9	0.0
Folkestone	bc	bcc	45	61	4	-	5.6	0.8
Tunbridge Wells	cbc	bcc	46	68	8	-	3.8	2.9
Ramsgate	bc	bcc	40	59	4	-	7.1	2.8
Margate	bcc	b.c	47	66	2	-	6.5	3.3
Deal	bcb	bcc	46	66	5	-	8.6	2.7

* 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 22060 Sunday 16th APRIL 1922.

Observations at 1300 G.M.T. 15

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Height of Low Cloud Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	9903	+4	NE	8	oc	39	92	7	2500	Nb	10	-	10	*
Stornoway	9922	+6	N	6	orr	41	85	5	450	Sr	10	-	10	*
Wick	9866	+4	N	6	orr	41	97	5	800	Nb	10	-	10	*
Castlebay	9918	+6	NNW	6	mmo	41	92	6	450	Nb	10	-	10	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	9874	+4	S'W	3	o/r	47	85	6	1500	Nb	1	A.Sr	10	*
Malin Head	9852	+11	N	6	oRR	44	97	5	4000	Nb	10	-	10	*
Renfrew	9947	+7	S	4	of	49	92	5	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	9859	+6	SSW	6	o-	51	75	8	-	Sr	7	A.Sr	9	*
Eskdalemuir	9888	+7	SSW	8	o/r	45	85	7	1500	Sr	10	-	10	*
Tynemouth	9899	+3	SW	4	bc+	55	65	6	4000	StCu	4	-	4	*
Blacksod Point	9913	+1	N	8	oPR	44	85	7	-	Nb	10	-	10	*
Donaghadee	9856	+3	SW	2	cd.	47	92	7	4000	StCu	8	-	8	*
Birr Castle	9859	*	W	1	or-	45	97	6	1500	Nb	10	-	10	*
Baldonnell	9869	+4	ESE	4	orr	45	92	7	800	Nb	10	-	10	*
Holyhead	9888	+3	S'W	6	o+	50	85	8	2500	StCu	9	A.Sr	10	*
Liverpool (Bidston)	9906	+3	S'W	5	bc-	55	55	8	2500	Cu	5	-	5	*
Chester (Shotwick)	9905	+1	SW	6	bc-	57	45	9	4000	Cu	4	-	4	*
Spurn Head	9960	+4	SSW	6	c	58	97	6	4000	Cu	7	-	7	*
Nottingham	9957	*	SSW	6	cPR-	51	65	6	800	CuNb	7	-	7	*
Cranwell	9967	+1	S	7	c	55	55	8	2500	Cu	7	-	7	*
Gorleston	10013	+1	SSW	7	bc	55	65	6	5750	Cu	4	-	4	*
Valencia (Cahirciveen)	9954	+6	NW'N	7	opr.	47	75	8	2500	StCu	9	-	9	*
Roches Point	9898	+6	NW	6	or.	47	92	7	800	Nb	10	-	10	*
Pembroke (St. Ann's H.)	9902	0	SSE	6	c	47	85	7	1500	Nb	8	-	8	*
Ross-on-Wye	9941	+1	SSW	6	c+	53	55	8	4000	Cu	8	-	8	*
Benson	9981	0	SSW	7	bc	53	65	8	-	Cu	5	-	5	*
S. Farnborough	9993	-1	S'W	7	c	56	55	7	4000	Cu	7	Ci	8	*
London (Kew Obsy.)	10001	-1	S'W	6	c-	57	55	8	4000	Cu	7	-	7	*
Croydon	10012	+1	S'W	6	c	53	65	8	2500	StCu	8	-	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	10018	0	SSW	6	bc	59	55	7	4000	Cu	5	CiSr	6	*
Grain	10027	+1	SSW	6	o+	56	55	8	2500	StCu	7	CiSr	9	*
Lympne	10040	0	SSW	6	o	52	85	8	4000	StCu	8	A.Sr	9	*
Scilly (St. Mary's)	991.5	-19	WNW	8	oR	45	92	5	800	Sr	10	-	10	*
Falmouth (Pendennis)	9870	+6	SW	8	oPR-	47	65	6	-	CuNb	9	-	9	*
Plymouth (Cattewater)	9898	-9	S	7	bPR	47	97	7	1500	Sr	10	-	10	*
Portland Bill	9913	0	S'W	7	bc	52	85	7	-	-	0	A.Cu	6	*
Southampton (Calshot)	9996	-1	SSW	8	bc-	54	65	8	4000	Cu	2	CiSr	4	*
Dungeness	10035	+2	SSW	4	c-	52	97	8	5750	StCu	7	-	7	*
Jersey	10017	0	SW	5	bc-	55	65	8	-	-	0	ACu	4	*

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	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	9945	+6	NE	7	orr	40	85	7	2500	Nb	10	-	10	6
Stornoway	9977	+6	NNE	6	orr	38	97	5	450	Sr	10	-	10	5
Wick	9922	+9	N	6	oRR	41	92	5	4000	Nb	10	-	10	4
Castlebay	9988	+8	NNW	6	oPR	38	92	6	450	Nb	10	-	10	6
Nairn	9936	*	NE'N	3	oR	40	97	7	1500	Nb	10	-	10	*
Aberdeen	9918	+5	SW	2	c-	48	85	6	4000	StCu	8	-	8	1
Malin Head	9925	+8	N	7	oRR	41	97	5	4000	Nb	10	-	10	7
Renfrew	9896	+4	E	1	od.	47	85	6	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	9963	+5	SW	3	b-	49	75	8	-	Sr	3	-	3	3
Eskdalemuir	9901	0	SSW	5	o+	46	65	8	2500	StCu	10	-	10	*
Tynemouth	9921	+1	SSW	4	bcp	48	85	6	4000	CuNb	3	ACu	5	3
Blacksod Point	10013	+12	NNW	8	bPH	46	75	7	-	Nb	9	-	9	8
Donaghadee	9880	+2	SW	2	of+	43	92	7	2500	Sr	10	-	10	3
Birr Castle	9947	*	NW	5	of+	43	97	6	1500	Nb	10	-	10	*
Baldonnell	9914	+10	SW	5	orr	42	92	7	800	Nb	10	-	10	*
Holyhead	9887	0	W'S	4	od	46	97	7	1500	Nb	10	-	10	3
Liverpool (Bidston)	9889	-3	SSE	3	bc	49	85	7	1500	Cu	2	A.Sr	4	5
Chester (Shotwick)	9883	-3	SSE	3	bcdd	48	85	7	2500	Sr	6	-	6	*
Spurn Head	9942	-2	S	7	o	53	85	6	4000	StCu	9	-	9	6
Nottingham	9922	*	S	7	opf	49	75	7	800	Nb	8	ACu	9	*
Cranwell	9940	-6	S'E	8	opf	52	55	8	1500	Nb	10	-	10	*
Gorleston	10016	0	SSW	7	bc	53	97	6	4000	StCu	4	-	4	6
Valencia (Cahirciveen)	10049	+12	NNW	7	cph	45	85	8	2500	Sr	4	CiCu	7	7
Roches Point	9979	+10	NNW	7	o-	45	92	8	800	StCu	8	ACu	9	5
Pembroke (St. Ann's H.)	9933	+5	W	5	o+	46	85	7	4000	StCu	10	-	10	6
Ross-on-Wye	9935	+3	SW	7	o	46	85	8	2500	StCu	10	-	10	*
Benson	9968	0	S	6	o+	48	92	8	-	Nb	10	-	10	*
S. Farnborough	9897	+1	SW'S	6	o	50	75	7	800	Sr	10	-	10	*
London (Kew Obsy.)	9993	-1	SSW	6	o	53	65	8	2500	Cu	9	-	9	*
Croydon	10004	0	SSW	7	c	50	65	8	1500	StCu	6	CiSr	9	*
Clacton-on-Sea	10012	-1	S	6	bc	51	85	6	2500	Sr	2	A.Sr	6	4
Shoeburyness	10010	-1	SW	6	bc	52	55	8	4000	Cu	3	CiSr	5	*
Grain	10021	0	SSW	6	c-	53	55	8	4000	StCu	3	CiSr	7	6
Lympne	10035	0	SSW	6	o⊕	49	75	8	2500	StCu	4	CiSr	10	*
Scilly (St. Mary's)	998.9	+8	WNW	8	c	48	75	7	4000	StCu	7	-	7	8
Falmouth (Pendennis)	9994	0	W	6	bcPR	46	92	7	2500	CuNb	6	-	6	6
Plymouth (Cattewater)	9983	+12	WSW	5	o	48	75	7	800	StCu	9	-	9	5
Portland Bill	9991	+2	WSW	7	b-	50	85	7	-	-	0	CiSr	3	8
Southampton (Calshot)	9998	+2	SW'W	7	ojp	48	85	6	1500	StCu	9	-	9	4
Dungeness	10030	-1	SW	4	c+	50	92	8	5750	Cu	2	CiSr	7	4
Jersey	10048	+2	WSW	5	b/r	50	75	8	-	-	0	ACu	2	4

24 Hours ended 0900 G.M.T. 16th

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	cqbcq	cq,o	cqbcq	*	*	41	-	-	6.9	*	*
Croydon (24 hours ended 0700)	oq	oc,q,q	coqop	*	*	40	-	03	6.2	*	*
Greenwich (Royal Obsy.)	c	c	cbcop	59	43	41	-	tra	6.9	54	72
City (Bunhill Row)	*	*	*	*	*	*	*	*	5.6	*	*
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	6.6	*	*
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	7.4	*	*
Camden Sq.	bc	o	*	58	47	41	-	tra	*	*	72
Kensington Palace	cbcc	c	*	58	43	41	-	05	*	62 (18h.)	70
Hampstead Observatory	*	*	*	*	*	*			6.0	*	

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.
24 Hrs. ended 1800 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 ....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.	Strength.	Direc.
13h.				
18h.				
01h.				
07h.				

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 16th & 17th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.55 / 4.53	11.53 / 11.53	6.50 / 6.52
Greenwich	5.5 / 5.3	12.0 / 12.0	6.55 / 6.57
Wick	5.1 / 4.58	12.12 / 12.12	7.24 / 7.26
Valencia	5.45 / 5.43	12.41 / 12.41	7.37 / 7.39

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, 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

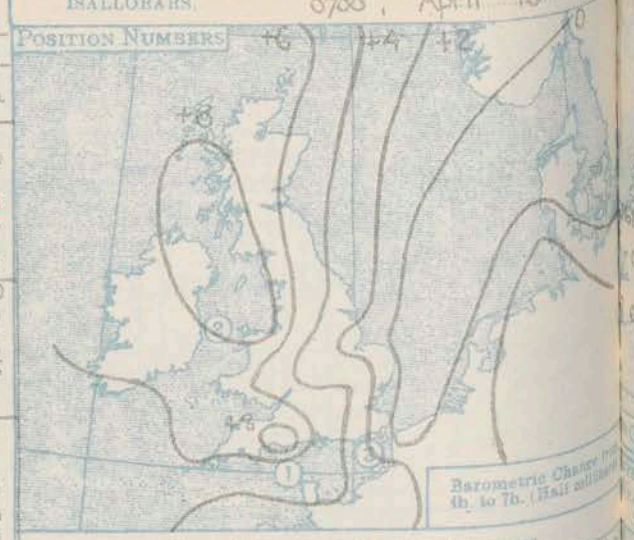
* For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 15h.	13h.-18h. 15h.	18h. 15h. to 18h. 16h.	18h.-7h. 16h.	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	rd	rd	rd	rd	40	36	•	2	9	<0800	<2100	•
Stornoway	r	r	rd	p	41	35	•	5	3	<0800	<2100	0.0
Wick	orm	rd	RRm	oir	43	36	•	9	14	<0800	<2100	•
Castlebay	Romq	omop	op.o.bc	bc	41	38	•	8	1	-	-	0.0
Nairn	r	iRo	RRoq	iraq	42	35	•	11	14	<0800	<2100	0.0
Aberdeen	oir.m	ocm	cbm	caphr	48	37	35	2	1	<0800	0530	0.0
Malin Head	oRm	oRR	oRR	qcir	47	36	•	4	1	<0800	<2100	0.0
Renfrew	oirR	ord	oirm	oo	50	40	38	3	6	<0800	<2100	0.0
Edinburgh (Inchkeith)	oo	c	rd	oo	51	39	37	0.3	3	1730	0330	3.2
Eskdalemuir	ormq	oboip	oorr	ocbc	50	36	35	8	5	<0800	<2100	2.5
Tynemouth	bbcmq	bcm	omp	mir	57	40	38	0.1	0.2	1530	<2100	•
Blacksod Point	rd	h.hr		h.hr	?	38	•	5	1	-	-	•
Donaghadee	omd	qmr	oq	omrq	50	39	•	8	7	<0800	<2100	•
Birr Castle	orr	oir	oirco	co	45	37	35	2	0.2	<0800	<2100	0.0
Baldonnell	orrr	orrr	opr	oo	47	38	37	4	0.4	<0800	<2100	0.0
Holyhead	ocbcc	iro	orm	rmoqm	52	40	40	trace	4	1330	<2100	3.7
Liverpool (Bidston)	bbc	bcp		bcor	49	40	39	trace	2	-	0530	8.4
Chester (Shotwick)	ocq	bcqrd	d.bccd	corrm	57	41	40	1	1	<0800	0630	•
Spurn Head	c	c	c	rd	59	44	•	-	1	-	0530	11.1
Nottingham	cqp	cqp	pc	oR	56	41	41	0.1	3	0900	<2100	6.5
Cranwell	pr	co	oo	oor	58	40	39	0.3	3	0900	0330	10.0
Gorleston	cqbcq	bcq	cqbcb	cqu	59	43	41	-	-	-	-	11.1
Valencia (Cahirciveen)	ophcq	copho	ccp	ccpq	48	38	36	4	2	<0800	2200	0.5
Roches Point	rro	oip	cb	b	49	40	•	1	-	<0800	-	•
Pembroke (St. Ann's H.)	oqcq	cpbc	oqp	oqrr	49	40	•	0.3	4	1330	0330	4.7
Ross-on-Wye	bcqpcpbc	oldqp	cqopbcc	roq	54	41	39	1	3	0900	0130	5.8
Benson	bc	bco	obc	orc	55	40	39	0.1	2	-	0230	•
S. Farnborough	c	c	obccr	oroc	58	41	39	-	0.5	-	0230	5.9
London (Kew Obsy.)	cqbcqy	cqyoq	cqbccq	cqoqo	58	44	41	-	-	-	-	6.9
Croydon	oq	oqcyoq	coq	opq	56	42	40	-	0.3	-	<2100	6.2
Clacton-on-Sea	bcc	bc	bcc	c	55	46	43	-	-	-	-	7.1
Shoeburyness	ocbc	bc	bc	bcjp	59	?45	42	-	-	-	-	6.6
Grain	c	oo	cqcqo	cc	57	44	41	-	-	-	-	5.0
Lympne	oo	oprq⊕	c	bbcoq	54	43	40	0.4	-	1530	-	~~0.0~~ 1.2
Scilly (St. Mary's)	omqrt	c	p	c	51	42	•	2	0.4	<0800	<2100	3.5
Falmouth (Pendennis)	omp	ompcm	cmp	omp	50	42	•	2	5	-	-	6.9
Plymouth (Cattewater)	p	opq	or	rd	51	41	38	0.4	2	-	<2100	4.3
Portland Bill	bbc	bbc	bbc	bcoq	53	44	•	-	-	-	-	•
Southampton (Calshot)	bbc	c	p	c	55	42	41	-	0.4	-	<2100	8.8
Dungeness	c	p	c	c	53	46	•	trace	-	1630	-	•
Jersey	bcb	bcopb	ocb	bopc	57	43	•	trace	1	1630	0330	9.3

ISALLOBARS. 0700, April 16th.



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	15th 1000	Cambria	SSW	8	c	47	46
1	" 0100	Reindeer	SSW	6	bc	54	49
3	16th 0300	Brighton	SW	6	o	48	46

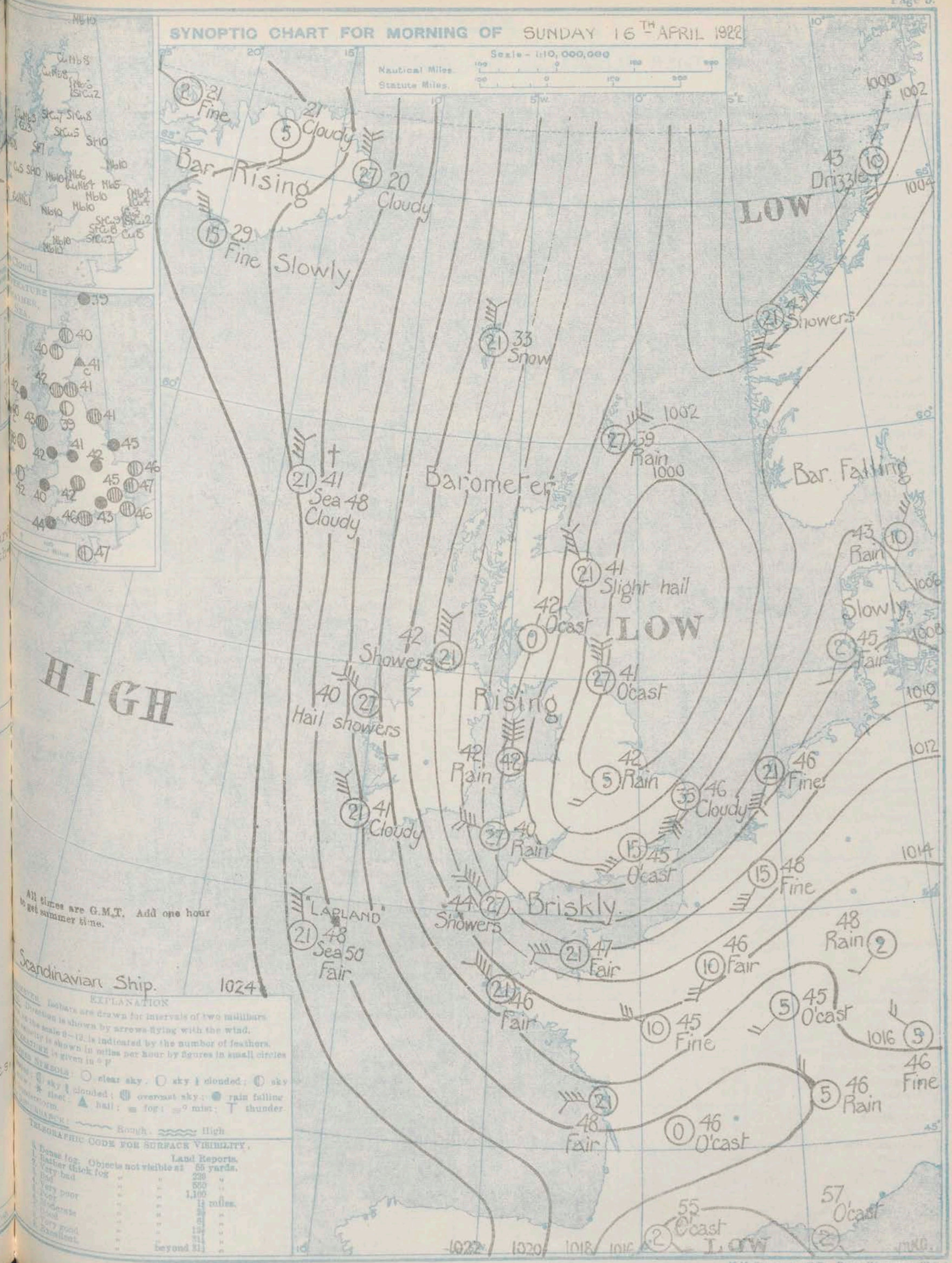
GENERAL INFERENCE.

The depression covering the North Sea and Northern England is moving slowly Eastward and filling up. The cold North West to North wind in its rear will soon have spread over the whole Kingdom. Rain or hail showers are probable in all districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 16th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind West to North-West fresh or strong, moderating gradually; cloudy, some rain or showers, brighter periods; visibility good; rather cold.	
4. W. Midlands 5. S.W. England 6. South Wales	Wind North-West fresh or strong, moderating gradually; cloudy, some rain or hail showers, brighter periods; visibility good; cold.	Cold and unsettled.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind Northerly fresh or strong, moderating gradually; cloudy, some rain or hail showers, perhaps sleet; visibility mainly good; cold.	-------
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind Northerly fresh or strong, moderating gradually; cloudy, some showers of rain, hail or sleet; visibility moderate to good; cold.	▼ South Cone now flying all districts -------
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	North-West to North winds fresh or strong; cloudy, some rain or hail showers; visibility mainly good; cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.05 G.M.T. G. C. SIMPSON, F.R.S., Director.

▼ For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Sunday, 16th APRIL 1922. No. 106.

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	Sun. 0-9
Lerwick	9994	+3	NE	6	orr	37	92	6	2500	Nb	10	-	10	•
Stornoway	1006.0	+4	N	6	r	•	•	4	•	•	•	•	•	•
Wick	9986	+6	NNW	7	oRR	37	97	6	2200	Nb	10	-	10	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1004.3	+5	N	7	o/r	43	92	6	4000	Nb	10	-	10	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	9965	+7	N	3	o/r	41	85	9	-	Sr	10	-	10	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	9948	+3	WSW	1	o/r	45	97	6	-	-	0	A Sr	10	•
Blacksod Point ...														•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valdonnell	1007.0	+8	NNW	5	o/r	40	85	7	1500	SrCu	10	-	10	•
Holyhead	9945	+2	NNW	8	or	^	^	5	450	Nb	10	-	10	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	9966	+2	SSW	6	0	46	85	7	-	-	0	A Sr	9	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	9982	+2	SSW	5	0	46	75	7	2500	SrCu	9	-	9	•
Gorleston	1002.2	+1	SW	6	b-	47	75	7	-	-	0	-	0	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1014.9	+5	NW	6	bprs	44	65	5	-	Sr	2	-	2	•
Rockse Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1002.7	+7	WNW	6	0	43	92	8	1500	Nb	10	-	10	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	•	•	•	•	•	49	•	•	•	•	•	•	•	•
Croydon	1002.7	+1	SW'S	7	0+	46	75	8	1500	Nb	10	-	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1005.1	+1	SW	6	b-	45	85	8	-	-	0	-	0	•
Scilly (St. Mary's) ...	1009.0	+8	NW	8	bc	46	75	7	4000	CuNb	6	-	6	•
Falmouth (Pendennis)	1005.7	+7	NW	6	oPR	43	92	8	4000	CuNb	10	-	10	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1002.6	+4	NSW	7	b	49	85	7	-	-	0	CiSr	3	•
Southampton (Calshot)	1002.4	-1	SW	6	oPr	47	85	8	4000	CuNb	9	-	9	•
Dungeness	1004.9	0	SW	5	b-	47	97	8	-	-	0	CiCu	2	•
Jersey 7h. / Guernsey 1h.	1005.5	0	SSW	7	o+	47	75	6	5750	CuNb	4	A Sr	10	•

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	Sun. 0-9
Lerwick	1003.1	+6	NE	6	orr	39	92	6	2500	Nb	10	-	10	•
Stornoway	1010.4	+7	N	6	c	37	85	6	4000	Cu	8	-	8	•
Wick	1004.1	+7	NNW	7	c/r	40	97	7	2500	CuNb	8	-	4	•
Castlebay	1013.3	+7	N	4	bc	39	85	7	1500	CuNb	4	-	7	•
Nairn	1007.0	•	N	4	c/r	40	85	8	4000	CuNb	8	-	8	•
Aberdeen	1002.0	+5	NNW	5	chr	41	92	7	1500	Nb	8	-	8	•
Malin Head	1011.4	+8	N	5	cpr	42	97	7	4000	CuNb	8	-	9	•
Renfrew	1006.3	+8	-	0	o-	42	75	8	1500	SrCu	7	A Sr	9	•
Edinburgh (Inchkeith)	1004.3	+6	WNW	4	o-	41	75	9	-	SrCu	8	Ci Sr	6	•
Eskdalemuir	1004.8	+6	N	5	bc	39	75	8	2500	SrCu	5	Ci	10	•
Tynemouth	1000.2	+5	N	6	o/r	41	92	6	2500	Sr	10	-	8	•
Blacksod Point ...	1017.3	+7	NW	6	cph	40	92	9	-	CuNb	8	-	10	•
Donaghadee	1008.3	+8	NNE	6	o/r	43	75	6	1500	Sr	7	A Sr	8	•
Birr Castle	1013.7	•	NW	4	c-	38	92	7	4000	Cu	5	Ci	10	•
Valdonnell	1010.7	+9	WNW	5	od	39	92	8	800	Sr	10	-	10	•
Holyhead	1008.8	+9	N	8	orr	42	85	7	1500	Nb	10	-	10	•
Liverpool (Bidston) ...	1008.9	+8	NNW	3	odd	41	97	5	800	Nb	10	-	10	•
Chester (Shotwick) ...	1008.1	+9	NW	3	orr	47	97	6	800	Sr	10	-	10	•
Spurn Head	9994	+3	S	3	orr	45	92	6	4000	Nb	10	-	10	•
Nottingham	1000.2	•	SW	2	oRR	42	92	5	800	Nb	10	-	10	•
Cranwell	1000.5	+3	SW	4	or	41	92	7	1500	Nb	5	A Sr	8	•
Gorleston	1002.4	0	SSW	7	C+	46	75	7	2500	Nb	8	-		•
Valencia (Cahirciveen)	1019.8	+6	NNW	5	c/r	41	75	8	2500	Cu	7	-	7	•
Rockse Point	1014.9	+6	NNW	6	b+	42	85	8	4000	CuNb	7	CiCu	3	•
Pembroke (St. Ann's H.)	1007.4	+7	NNW	6	orr	40	92	7	1500	Nb	10	-	10	•
Ross-on-Wye	1000.0	+1	WSW	4	o	42	85	8	2500	Nb	10	-	10	•
Benson	1002.3	+5	WSW	5	c/r	42	85	8	-	SrCu	5	Ci	7	•
S. Farnborough ...	1004.3	+5	SW	4	c-	43	85	7	2500	SrCu	8	-	8	•
London (Kew Obsy.) ...	1004.1	+5	SW	4	o	45	75	8	1500	SrCu	9	-	9	•
Croydon	1004.0	+4	SW	6	o/r	43	75	8	2500	SrCu	6	Ci	7	•
Clacton-on-Sea ...	1003.3	0	S	6	c	47	92	7	1500	Cu	7	-	5	•
Shoeburyness	1003.9	+1	SW	5	bcjp	45	75	8	800	Cu	5	-	8	•
Grain	1003.9	+1	SW	5	c	46	85	8	4000	SrCu	8	-	10	•
Lympne	1005.4	0	SW'S	7	o+	45	92	8	1500	Sr	10	-	7	•
Scilly (St. Mary's) ...	1014.0	+5	NW	8	c	45	75	7	4000	SrCu	7	-	10	•
Falmouth (Pendennis)	1011.5	+6	NW	6	oPr	44	75	7	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1009.4	+6	WNW	5	orr	42	92	7	1500	Nb	10	-	10	•
Portland Bill	1007.0	+9	NW	7	o+	46	85	7	-	-	0	A Sr	6	•
Southampton (Calshot)	1005.6	+6	W	5	bc	43	85	8	2500	SrCu	2	Ci	8	•
Dungeness	1005.0	0	SW	7	c+	46	97	7	5750	Cu	8	-	6	•
Jersey 7h. / Guernsey 1h.	1011.1	+2	W	5	bc/r	47	65	8	-	-	0	A Cu		•

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 14-15	Temperature. Max. Day 14-15	Rainfall.† Night 13h.-9h. 14-15	Rainfall.† Day 9h.-18h. 15	Sunshine. Sunrise to 9 a.m. 15	Sunshine. 9 a.m. to Sunset 14
			°F.	°F.	mm.	mm.	hr.	
Banff	rfm	dr	38	47	6	6	0.0	1.6
Montrose	oc	oc	39	52	19	2	1.7	0.0
Llandudno	ccb	cpc	47	56	0.4	0.6	6.0	1.3
Colwyn Bay ...	bc	bcb	47	56	2	-	8.0	1.9
Rhyl	bcc	bc	42	57	-	0.2	7.0	1.1
Southport	bcb	bcco	51	58	1	-	7.4	0.0
Blackpool	cq	o	49	57	0.4	-	6.0	0.0
Harrogate	bc	bbco	41	56	3	-	7.3	0.0
Skegness	b	b	53	59	0.6	-	11.1	0.0
Aberystwyth ...	ocb	bbo	46	52	-	-	6.7	2.3
Bath	ocbcb	bbccp	48	54	0.3	0.3	3.8	1.9
Leamington Spa ...	-	-	47	56	-	-	6.2	0.0
Lowestoft	bcc	cbcc	48	56	0.1	-	8.0	2.2
Felixstowe	bbz	bc	48	55	-	-	6.2	4.8
Southend	bcq	bcq	50	57	0.5	-	6.3	4.2

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 14-15	Temperature. Max. Day 15	Rainfall.† Night 13h.-9h. 14-15	Rainfall.† Day 9h.-18h. 15	Sunshine. Sunrise to 9 a.m. 15	Sunshine. 9 a.m. to Sunset 14
			°F.	°F.	mm.	mm.	hr.	
Paignton	bcpq	cpq bcc	48	53	2	2	4.7	1.2
Ilfracombe							5.1	3.0
Bude	op	op	47	52	0.6	0.2	6.7	2.7
Penzance	cp	bcq	46	53	1	1	5.6	2.9
Falmouth Observatory	rqcq	bcqp	46	51	0.6	2	5.0	3.1
Torquay	bcp	bccp	48	52	1	1	7.5	1.3
Weymouth	bcpbc	bcq	48	54	0.4	1		2.0
Bournemouth ...	b	b	48	54	0.3	-	8.1	2.1
Portsmouth (Southsea)	b	b	49	56	-	-	8.6	3.5
Worthing	bc	bc	49	54	-	-	6.0	4.9
Brighton	bcc	bco	50	56	0.5	-	8.7	3.3
Eastbourne	c	coc	49	54	0.1	-	3.1	3.9
Hastings	cbc	bcco	49	53	0.6	-	2.1	5.6
Folkestone	c	c	49	60	-	-	1.2	3.5
Tunbridge Wells ...	cbc	cbcc	49	56	1	-	3.4	7.1
Ramsgate	bc	c	50	56	-	-	2.3	6.6
Margate	c	co	52	57	-	-	1.7	5.4
Deal	cbc	bcc	50	58	-	-	1.9	

* 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.2061 Monday 17th April 1922.

Observations at 1300 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1003.7	+7	N	6	or₀	40	75	7	2500	Nb	10	–	10	•
Stornoway	1016.4	+6	N	6	b–	43	65	7	4000	Cu	0	–	0	•
Wick	1010.2	+7	NNW	7	opr₀	41	85	8	1500	CuNb	6	aSt	10	•
Castlebay	1018.8	+4	N	4	bc/s(h)	43	85	7	2500	StCu	4	–	4	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1008.8	+7	NNW	5	opr₀	43	85	7	1500	Nb	9	–	9	•
Malin Head	1016.5	+3	N	5	c+	43	92	7	4000	CuNb	7	–	7	•
Renfrew	1012.5	+5	NW	3	ojp	46	65	9	2500	StCu	9	–	9	•
Edinburgh (Inchkeith)	1010.4	+6	N	4	o	44	75	8	–	StCu	7	aSV	10	•
Eskdalemuir	1009.7	+7	N'E	5	c	43	65	8	–	Cu	6	CiSt	7	•
Tynemouth	1006.3	+4	NNW	6	opr₀	44	85	5	4000	Nb	10	–	10	•
Blacksod Point	1022.1	+5	NW'W	6	bc–	42	92	6	–	CuNb	8	–	8	•
Donaghadee	1014.6	+3	NNE	6	b+	45	75	6	5750	Cu	3	–	3	•
Birr Castle	1017.0	•	NW	3	c–	47	75	[illegible]	2000	Cu	5	CiCu	7	•
Baldonnell	1016.6	+5	NW	5	ojp	47	75	8	1500	StCu	9	–	9	•
Holyhead	1011.7	+7	N	6	o–	45	85	7	2500	StCu	7	aCu	9	•
Liverpool (Bidston)	1010.2	+5	NW'N	5	o	45	85	8	1500	Nb	10	–	10	•
Chester (Shotwick)	1009.5	+9	NW	7	o–	46	75	9	1500	StCu	9	–	9	•
Spurn Head	1006.2	+7	N	6	o	44	85	6	4000	StCu	10	–	10	•
Nottingham	1008.1	•	N	3	o	43	85	4	800	Nb	10	–	10	•
Cranwell	1007.6	+8	N	4	orr	41	92	6	1500	Nb	10	–	10	•
Gorleston	1006.5	+2	SW'W	5	o+	49	65	6	4000	StCu	10	–	10	•
...														•
Valencia (Cahirciveen)	1024.1	+4	NNW	4	c/s(h)	43	75	8	2500	Cu	7	–	7	•
Roches Point	1020.0	+5	NNW	6	bc+	48	75	9	4000	Cu	5	–	5	•
Pembroke (St. Ann's H.)	1014.2	+7	NW	6	o/r	44	85	7	1500	Nb	10	–	10	•
Ross-on-Wye	1009.5	+9	NNW	5	or₀	42	85	7	2500	Nb	10	–	10	•
Benson	1007.3	+5	SW	1	o+	43	92	5	–	St	10	–	10	•
S. Farnborough	1007.1	+1	WNW	3	o	46	75	7	2500	StCu	10	–	10	•
London (Kew Obsy.)	1007.3	+3	SW	4	o	48	75	8	1500	Nb	8	aSt	10	•
Croydon	1007.3	+3	SW	5	o+	46	75	7	2500	StCu	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1007.6	+4	SW	3	o	49	65	8	4000	StCu	10	–	10	•
Grain	1007.6	+3	SSW	4	o+	49	65	8	2500	StCu	9	–	9	•
Lympne	1008.7	+3	SW	6	c	47	75	9	2500	StCu	7	–	7	•
Scilly (St. Mary's)	1017.0	+3	NW'N	8	c	47	75	7	4000	StCu	7	–	7	•
Falmouth (Pendennis)	1015.7	+6	NW	6	o	43	75	6	2500	Nb	10	–	10	•
Plymouth (Cattewater)	1012.4	+2	NW	5	or–	42	97	6	1500	StCu	10	–	10	•
Portland Bill	1009.3	+4	W'N	7	orr	49	75	7	450	St	10	–	10	•
Southampton (Calshot)	1007.7	+3	W	4	or₀r₀	45	85	7	1500	Nb	10	–	10	•
Dungeness	1008.6	+2	SW	5	bc	50	75	8	5750	CuNb	6	–	6	•
Jersey	1013.7	+1	W	6	oPR	45	75	7	1500	CuNb	9	–	9	•

Observations at 1800 G.M.T. 16

Stations	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1013.0	+7	NNW	6	c+	37	75	7	5750	CuNb	7	–	7	5
Stornoway	[illegible]	+5	N	5	[illegible]	38	[illegible]	7	4000	[illegible]	6	–	6	4
Wick	1015.8	+8	NNW	7	o/s(r)	39	75	8	4000	StCu	7	aSV	9	6
Castlebay	1022.7	+2	N	4	bc/s(h)	42	75	7	1500	Cu	5	–	5	4
Nairn	1017.3	[illegible]	NNW	4	c/r	40	85	8	4000	CuNb	7	–	7	•
Aberdeen	1014.7	+7	N'W	5	c+	40	75	7	1500	CuNb	5	CiSt	7	4
Malin Head	1020.6	+3	N	4	cpr₀	42	97	7	4000	CuNb	7	–	7	4
Renfrew	1017.7	+6	N	2	c+	45	85	8	2500	StCu	7	–	7	•
Edinburgh (Inchkeith)	1015.6	+6	N	4	c–	43	65	8	–	StCu	8	–	8	4
Eskdalemuir	1015.7	+6	N'W	6	bc	41	55	8	4000	Nb	1	ACu	4	•
Tynemouth	1012.6	+5	NNW	5	opr₀	42	85	6	4000	Nb	10	–	10	6
Blacksod Point	1025.4	+4	NW	5	o	46	65	8	–	CuNb	5	–	5	6
Donaghadee	1019.8	+6	NNE	4	b	44	75	8	4000	Cu	2	CiCu	3	5
Birr Castle	1022.7	•	NW	3	c	45	85	8	4000	CuNb	7	–	7	•
Baldonnell	1021.6	+7	WNW	5	cpr₀	41	75	7	800	Nb	8	–	8	•
Holyhead	1017.7	+6	N	6	b	45	75	8	2500	Cu	1	aCu	2	6
Liverpool (Bidston)	1015.2	+5	NW	5	bc–	44	75	8	–	–	0	CiCu	6	6
Chester (Shotwick)	1015.1	+6	NW	6	o–	45	75	8	4000	StCu	4	Ci	9	•
Spurn Head	1011.3	+5	N	7	o	43	92	6	450	St	10	–	10	6
Nottingham	1013.7	•	NNW	2	o+	44	75	5	800	Nb	10	–	10	•
Cranwell	1012.9	+6	N'W	4	o/r	43	85	7	1500	StCu	8	Ci	10	•
Gorleston	1011.1	+2	NNW	3	or₀+	43	92	6	5750	Nb	10	–	10	1
...														•
Valencia (Cahirciveen)	1026.8	+4	NNW	5	c	45	65	9	4000	StCu	7	–	7	3
Roches Point	1023.7	+5	NNW	5	bc–	47	75	8	4000	Cu	3	aCu	4	3
Pembroke (St. Ann's H.)	1019.2	+3	N	4	b	45	75	8	4000	Cu	3	–	3	6
Ross-on-Wye	1014.6	+5	NW'N	4	od₀	45	75	8	2500	Nb	3	aSV	10	•
Benson	1013.2	+3	N	3	or₀r₀	41	92	5	–	Nb	10	–	10	•
S. Farnborough	1012.4	+7	N	1	orr	41	92	6	1500	Nb	10	–	10	•
London (Kew Obsy.)	1012.6	+7	N'E	3	orr	42	97	6	1500	Nb	3	aSV	10	•
Croydon	1012.2	+7	N	5	orr	42	97	4	800	Nb	10	–	10	•
Clacton-on-Sea	1010.9	+5	SW	4	cpr₀	47	85	7	1500	Nb	7	aSt	7	1
Shoeburyness	1011.7	+6	WNW	1	or	44	85	6	800	St	9	–	9	•
Grain	1012.1	+5	W	1	or₀	45	85	6	2500	StCu	9	–	9	•
Lympne	1011.9	+4	WSW	4	o	44	85	8	2500	StCu	9	–	9	•
Scilly (St. Mary's)	1021.2	+4	NW'N	7	bc	47	65	8	4000	CuNb	5	–	5	7
Falmouth (Pendennis)	1020.0	+6	N	5	cPH	41	75	6	2500	CuNb	7	–	7	4
Plymouth (Cattewater)	1017.0	+5	NNW	5	o–	46	92	7	1500	St	5	aSt	10	1
Portland Bill	1015.5	+5	WNW	5	o/r	47	75	7	450	St	10	–	10	5
Southampton (Calshot)	1013.0	+9	N	5	orr	43	92	6	1500	Nb	10	–	10	6
Dungeness	1011.6	+3	WSW	4	bc+	47	97	8	5750	Cu	6	–	6	5
Jersey	1014.9	0	NW	4	orr	44	85	7	1500	Nb	10	–	10	6

London Observations

24 Hours ended 0900 G.M.T. 16 (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	oqos	omrr	adcbm	•	•	35	7	04	1.8	•	•
Croydon	ocqjp₀	cpr₀rm	or₀gm	•	•	37	1	2	0.9	•	•
Greenwich (Royal Obsy.)	o	oror	orrob	52	37	35	–	3	1.7	74	76
City (Bunhill Row)	•	•	•	•	•	•	•	•	1.3	•	•
Westminster (St. James' Pk.)	•	•	•						1.9		
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	1.3	•	•
Camden Sq.	9	od	•	50	37	34	1	2	•	–	76
Kensington Palace	o	oror	•	51	38	34	1	1	•	90 (18h.)	74
Hampstead Observatory	•	•	•			•			0.5	•	

Atmospheric Pollution.
Milligrams of Solid impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.

Kew Observatory Max.	Time.	Min.	Time.

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.¹

Time.	Type.	No. per 4 sec.	Stren.	Direc.
1h.	–	–	–	–
1h.	–	–	–	–
6h.	–	–	–	–
7h.	–	–	–	–

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

16th & 17th Apl. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.55 / 4.53	11.53 / 11.53	6.50 / 6.52
Greenwich	5.5 / 5.3	12.0 / 12.0	6.55 / 6.57
Wick	5.1 / 4.58	12.12 / 12.12	7.24 / 7.26
Valencia	5.45 / 5.43	12.41 / 12.41	7.37 / 7.39

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, 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.

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.

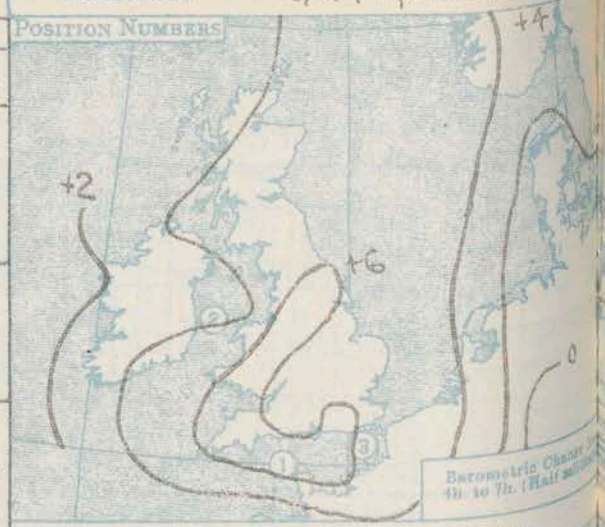
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h.-1h.	1h.-7h.	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	c	b or bc	0.0	42	34	•	0.3	trace	1230	0700	•
Stornoway	c	hazy	c	c	44	35	•	1	–	1430	–	8.5
Wick	sp.q	o.q	p h	chrsp	42	34	•	0.2	0.6	0800	<0100	•
Castlebay	bc.h	bc.bc	s.bc.o	o	43	34	•	2	0.1	–	–	9.2
Nairn	c.hq		o.q.c	cq	43	33	•		–		–	2.4
Aberdeen	c.o.p.q	p.o.q.c	b.p.c	b.p.s.	44	34	30	1	0.3	0800	<0100	0.7
Malin Head	c.q.p	bc.q.p	b or bc	c	43	38	•	trace	–	1330	–	3.9
Renfrew	o.o	o.bc.c.v	c.p.bc.b	b.m.v	47	32	35	trace	–	–	–	3.7
Edinburgh (Inchkeith)	o.o	o.o	c	b.bc	44	35	31	–	–	–	–	•
Eskdalemuir	bc.c.o.c	b.c.p.	b	b	46	28	22	trace	–	1330	–	5.5
Tynemouth	m.m.p.q	m.p.o.q	b.m.p.q	b.b.m	45	?	30	0.2	trace	0800	0100	•
Blacksod Point	b or bc	b.bc	c	c	48	38	•	?	–	–	–	•
Donaghadee	bc.q	bc.q	b.c.q	c.q	46	39	•	–	–	–	–	•
Birr Castle	c.p.m.r	c.p.h.	c.o	c	47	32	25	0.6	–	1730	–	7.9
Baldonnell	o.p.h.o	p.h.o.p.r.o	b.bc	c	48	30	25	trace	–	0800	–	6.7
Holyhead	r.o.o	r.b.c.b	c.b.c	b.c.o	46	41	39	0.3	–	0800	–	4.9
Liverpool (Bidston)	o.d	bc	b.bc		41	36	31	1	–	0800	–	3.1
Chester (Shotwick)	o.r.q.o.q	o.o	c.p.h.	c.q.y	48	33	28	3	trace	0800	<0100	•
Spurn Head	p	o.o	c.o	c	48	38	•	0.6	trace	0800	<0100	0.0
Nottingham	r.r	o.o.m.p	c.p.b	b.bc	47	35	37	1	0.2	0800	<0100	0.0
Cranwell	o.r	o.r.o	p.r.o.c	b.bc	45	33	30	1	–	0800	–	0.1
Gorleston	c.q.u.o.	o.d.r	o.d.r.q	c.r.l.g.c	51	41	39	trace	2	1730	<0100	2.0
Valencia (Cahirciveen)	c.p.h.q	bc.c	bc	bc	48	40	36	1	0.3	0900	2200	7.5
Roches Point	b.bc	c.bc	b.b.	b.b	50	37	•	–	–	–	–	•
Pembroke (St. Anu's H.)	o.y.r.r	o.q.c.bc	b or bc	p	48	38	•	3	0.2	0800	0630	3.6
Ross-on-Wye	r.o.q	r.o.r.o	o.c.v.bc	bc.b	46	36	31	1	–	0800	–	0.0
Benson	bc	r	r.o.	o.c.o.b	46	34	29	3	2	1330	<0100	•
S. Farnborough	o.o	r or d	o.r.c.b	c.b	50	35	31	2	2	1430	<0100	0.3
London (Kew Obsy.)	o.q.o.q	o.m.r.r	o.d.c.bc	b.b.m	50	38	35	2	0.4	1630	<0100	1.8
Croydon	o.c.q.p.r.q	o.p.r.o.r.r.q	o.m.r.r.q	o.q.m	47	38	37	1	2	1230	<0100	0.9
Clacton-on-Sea		c.p	c.o.r.o	o.c.p	50	40	39	trace	1	1730	<0100	3.0
Shoeburyness	c	o.r.r.m	c.r.r.m	o.r.d.o	52	38	37	1	1	1530	<0100	3.3
Grain	c	o.m.r.r	o.r.o	o.r.o	?	?	?	trace	?	1530	?	?
Lympne	c	c.o.q.v.p.q	c.m.p.q.r.q.o.r.o		50	39	37	trace	3	1630	<0100	8.3
Scilly (St. Mary's)	c	p	b or bc	bc	49	41	•	0.3	–	–	–	7.5
Falmouth (Pendennis)	c.m.p.q	o.c.m.p.q	c.b.c.p.q	b.p.q	46	40	•	7	1	1100	<0100	0.2
Plymouth (Cattewater)	o.o.r.r	o.r.d.p	o.r.o	o.b.bc	49	40	36	6	0.2	–	<0100	0.1
Portland Bill	o.r.r	o.o	o.o	o.b.bc	46	39	•	3	–	–	–	•
Southampton (Calshot)	o.r.r.o	r or d	o.o.r.o	c	45	39	37	2	1	1100	<0100	1.2
Dungeness	b or bc	c	d.o	r.d	51	40	•	trace	1	0800	<0100	•
Jersey	c.q.h.r.c	o.r.r	o.r.r	o.r.r.o	49	42	•	4	7	0900	<0100	6.5

ISALLOBARS. 0700, April 17th.

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	16th 10h.	Cambria	WNW	7	0	34	46
3	17th 3h.	Dieppe	NE	5	PR	40	47
2	17th 10h.	Cambria	NW	5	c	45	42

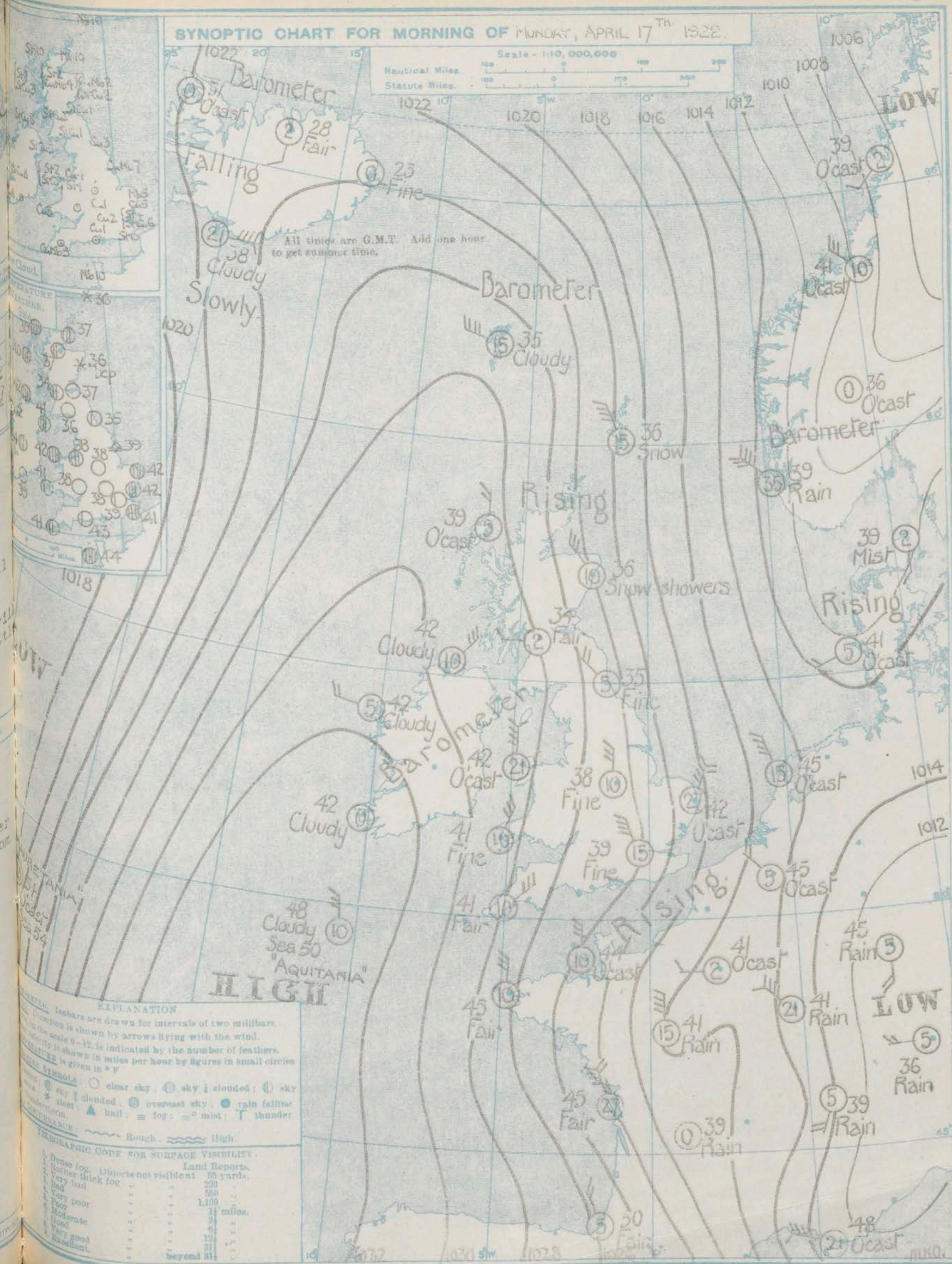
GENERAL INFERENCE.

The ridge of high pressure covering Ireland will move eastward and except along the east coast, where further showers may occur weather will be fair but cold. A new depression approaching the South-West coast of Ireland will soon cause a renewal of unsettled weather in the West.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 17th April, 1922.	Further Outlook
1. S.E. England 2. E. England	Wind Northerly moderate; mainly fair, some showers East coast; visibility good; cold.	
3. E. Midlands 4. W. Midlands	Light Northerly wind; fair generally; visibility mainly good; cold.	Milder weather spreading from the West.
5. S.W. England 6. South Wales 7. North Wales	Light Northerly wind backing towards South; fair generally and cold Monday, probably less fair and milder Tuesday.	
8. N.W. England 9. N. Midlands	As for 3 - 4.	
10. N.E. England 11. E. Scotland	Wind N.W. or N. light to moderate; cloudy, local showers of rain, hail or sleet; cold.	
12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides	Light North-West or variable wind; fair to cloudy, perhaps local showers; visibility moderate to good; cold.	
16. Orkneys and Shetlands	As for 10 - 11.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind freshening from South; dull, some rain; visibility moderate; milder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 18.20 GMT. G. C. SIMPSON, F.R.S., Director.

* For Code see opposite page.



H.M. Stationery Office Press, Kingsway.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday 17th APRIL 1922. No. 107.

STATIONS.	Observations at 0100 G.M.T. 17th: 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)	Observations at 0700 G.M.T. 17th: 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	1017.5	+4	NNW	4	bc-	36	75	6	-	-	-	A.Cu	5	•	1021.5	+5	NNW	4	os.o	36	85	6	2500	Nb	10	-	10	3
Stornoway	10[illegible].1	+3	N	4	o-	•	•	5	•	•	•	•	•	•	1028.1	+3	N	2	o	39	65	6	800	St.	10	-	10	1
Wick	1024.9	+4	NW	5	c/s.o	36	85	8	2500	[illegible]	7	-	7	•	1024.8	+4	NW	2	c/s	37	85	8	2000	Nb	6	A.Cu	8	1
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.7	+2	NE	2	o	40	75	7	1500	St.	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.8	•	N	2	bc-	37	75	7	1500	Cu.Nb	6	-	6	3
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.6	+5	NW'N	3	bcps.o	36	85	7	2500	St.Cu	4	-	4	4
Malin Head	10[illegible]	+3	N	3	bc+	42	77	7	1000	Cu	5	•	5	•	1028.8	+4	NE	3	c+	42	97	8	5750	St.Cu	8	-	8	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.0	+5	W	1	bc+	34	83	4	2500	St.Cu	3	A.St	5	7
Edinburgh (Inchkeith)	10[illegible]	+5	WNW	3	b-	36	85	8	-	St.Cu	3	-	3	•	1026.8	+6	NW	2	b	37	75	8	-	St.Cu	1	-	1	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.3	+4	N	4	b	36	65	8	2000	St.Cu	1	-	1	•
Tynemouth	1018.7	+5	NNW	4	b/r	39	92	6	-	-	-	-	0	•	1025.6	+4	NW	2	b	35	85	6	1000	Cu	3	-	3	10
Blacksod Point	1029.1	+3	N	4	c	43	75	7	-	St	7	-	7		1031.1	+2	W'N	2	o	42	75	9	-	St.Cu	8	-	8	4
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.7	+3	NNE	3	c-	41	65	8	5750	St.Cu	5	A.Cu	7	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.6	•	NW	1	c+	34	97	7	2000	St.Cu	8	-	9	•
Baldonnell	1027.3	+5	W'N	2	b	35	92	8	-	-	-	-	0	•	1030.9	+4	W	1	o	35	92	8	2500	St.Cu	8	A.St	9	3
Holyhead	1024.0	+3	N'E	6	bc	•	•	7	2500	St.	5	-	5	•	1028.1	+4	N	5	o	42	75	8	1500	St.Cu	9	-	9	7
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.8	+3	N	2	c+	38	65	7	2500	Cu	4	Ci.Cu	8	•
Chester (Shotwick)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.8	+5	NW	3	c	39	75	8	2500	St.	1	A.Cu	8	•
Spurn Head	1017.9	+4	N	8	o.	42	92	5	1500	St.	10	-	10	•	1022.2	+6	NNW	7	ch(r)	39	92	6	2000	Cu.Nb	7	-	7	6
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.4	•	N	3	b-	38	75	6	-	-	-	-	0	•
Cranwell	1020.1	+5	N'W	4	b	37	85	7	-	-	-	-	0	•	1024.8	+5	NNW	5	bc+	35	85	7	-	-	-	A.Cu	4	•
Gorleston	1015.4	+4	N'E	5	orr.o	42	92	6	1000	Nb	10	-	10	•	1020.1	+4	NNE	6	o-	42	85	6	2000	Nb	5	A.Cu	9	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•														•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•														•
Valencia (Cahirciveen)	1030.1	+1	W'S	2	bc/r	43	75	7	-	-	-	A.St	5	•	1032.8	+3	-	0	c	42	75	9	2000	St.Cu	8	-	8	0
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1032.3	+4	NW	2	b	39	97	8	-	-	-	-	0	0
Pembroke (St. Ann's H.)	1024.5	+3	NNW	5	bc+	42	75	8	4000	Cu	4	-	4	•	1028.5	+5	NNE	3	b+	41	85	8	2500	Cu	3	-	3	7
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.5	+6	NNW	3	b-	38	75	8	-	-	-	-	0	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.6	+4	NNW	4	b/r	38	85	8	-	Cu	1	-	1	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	+7	N'W	3	b/r	38	85	7	2000	Cu	1	A.Cu	1	•
London (Kew Obsy.)	•	•	•	•	•	42	•	•	•	•	•	•	•	•	1024.3	+6	NNW	4	b+	39	75	6	2000	Cu	2	-	3	•
Croydon	1017.4	+6	NE	6	o/r	41	85	8	1500	St.	10	-	10	•	1023.1	+7	N'W	5	o	38	85	6	1500	St.	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.6	+4	NNW	4	c-	42	85	7	2500	Cu	5	A.Cu	7	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.7	+7	NE	4	od.o	39	85	6	1500	St.Cu	10	-	10	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.0	+6	NNW	4	o/r	39	85	7	2000	St.Cu	10	-	10	•
Lympne	1016.3	+4	N	6	od.d	41	97	7	1500	Nb	10	-	10	•	1010.1	+6	N	5	or.or.o	39	97	7	800	Nb	9	A.St	10	•
Scilly (St. Mary's)	1025.4	+3	NNE	6	b	44	75	8	4000	Cu	3	-	3	•	1028.8	+4	NNE	4	bc	43	75	8	4000	Cu	6	-	6	0
Falmouth (Pendennis)	1024.7	+3	NW	5	bcph	42	85	7	2000	Cu.Nb	5	-	5	•	1028.4	+6	NE	3	bc	41	85	7	2000	Cu.Nb	5	-	5	0
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.8	+7	N	2	b.	42	92	8	-	-	-	-	0	3
Portland Bill	1020.2	+3	NNW	5	o	42	85	7	-	-	-	A.St	10	•	1029.5	+5	N	4	b-	43	85	7	-	-	-	Ci.Cu	2	3
Southampton (Calshot)	1017.5	+5	N	4	c-	42	85	7	2500	St.Cu	1	Ci.St	8	•	1024.4	+5	N	5	b.	40	75	7	-	-	-	-	0	4
Dungeness	1015.9	+4	NE	3	od.d	43	97	8	-	-	-	A.St	10	•	1020.1	+4	NNE	4	o/r	41	92	7	1500	St.	10	-	10	4
Jersey 7h / Guernsey 1h	1016.[illegible]	+5	NW	6	r.rr	44	75	6	5750	Nb	10	-	10	•	1023.5	+3	N	3	o/r	44	75	7	1500	Nb	10	-	10	

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

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 15-16 °F.	Temperature Max. Day 16 °F.	Rainfall† Night 18h.-9h. 15-16 mm.	Rainfall† Day 9h.-18h. 16 mm.	Sunshine Sunrise to 17h. 16 hr.	Sunshine Sunrise to Sunset 15
Banff	op	op.c.oq	38	43	5	1	0.6	0.0
Montrose	bc	bc	38	45	1	-	8.2	1.7
Llandudno	o	c	40	41	4	-	1.6	0.3
Colwyn Bay	bc	bc	41	47	5	-	1.1	9.5
Rhyl	q/r.c	c.bc	41	47	0.14	0.3	1.0	7.8
Southport	r.o.c	o.c.o	40	47	6	-	1.7	7.4
Blackpool	o.c.	o	41	49	5	-	2.0	6.0
Harrogate	o.bcp	bcp	37	46	10	1	2.0	7.3
Skegness	op	po	43	45	1	1	0.0	11.7
Aberystwyth	r-o	o.c	40	46	2	-	0.7	6.5
Bath	or	ro	41	47	2	3	0.0	3.8
Leamington Spa	o	o	40	44	3	1	0.0	6.2
Lowestoft	c.bc.o	o.c	43	52	-	-	2.0	8.8
Felixstowe	bc	cq/	45	52	-	-	3.5	7.4
Southend	c.o	o.bc	44	51	-	0.3	3.5	6.7

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 15-16 °F.	Temperature Max. Day 16 °F.	Rainfall† Night 18h.-9h. 15-16 mm.	Rainfall† Day 9h.-18h. 16 mm.	Sunshine Sunrise to 17h. 16 hr.	Sunshine Sunrise to Sunset 15
...								
Paignton	c.q/p	o.r.q/p.c.q	41	47	1	1	0.3	0.2
Ilfracombe	od	od	41	46	3	1	0.0	4.9
Bude	?	?	42	49	5	6	0.0	3.0
Penzance	q/ c.q/	bc.cq/	42	50	5	-	2.5	5.7
Falmouth Observatory	r.q/	ph.q/	42	46	2	3	0.3	6.0
Torquay	o	o	41	47	1	2	0.6	5.4
Weymouth	cr	rd	42	46	0.2	4	0.3	8.4
Bournemouth	o	o	41	45	0.3	2	0.2	8.1
Portsmouth (Southsea)	o	od	43	48	2	0.2	1.6	8.7
Worthing	bc	c.o	43	50	0.3	-	6.2	6.2
Brighton	c.bc	c.o.b.o	44	48	-	-	6.4	5.2
Eastbourne	bc	bccp.c	44	50	-	0.1	7.8	3.4
Hastings	bc.b.bc	bc.c.o	45	50	trace	-	6.5	2.1
Folkestone	bc	bc	45	54	trace	-	7.3	1.2
Tunbridge Wells	c.bc	c.o	42	50	0.3	-	4.7	3.4
Ramsgate								
Margate	-	-	45	52	-	-	6.1	1.8
Deal	bc	bc	45	52	-	-	8.2	1.9

* 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.22062 TUESDAY 18th APRIL 1922. Page 1.

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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1025.3	+5	NNW	5	c/r/o	42	75	6	5750	Cu.Nb	8	-	8	*
Stornoway	1031.6	+3	N	4	d	44	55	6	800	St	10	-	10	*
Wick	1028.5	+4	NW	5	o	41	75	8	5750	Cu	5	A.St	10	*
Castlebay	1032.2	+1	NW	3	bc-	45	75	7	2500	St	4	Ci.St	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028.9	+3	NNW	4	cps₀	43	75	8	2500	St.Cu	7	-	7	*
Malin Head	1031.0	+1	N	1	c	45	97	3	5750	St.Cu	7	-	7	*
Renfrew	1030.9	+3	N	1	o+	45	55	8	2500	St.Cu	9	-	9	*
Edinburgh (Inchkeith)	1029.9	+2	N	3	o	43	65	8	-	Cu.Nb	9	-	9	*
Eskdalemuir	1029.7	+2	N'W	4	c	45	55	8	4000	St.Cu	8	-	8	*
Tynemouth	1028.3	+2	N	5	b	42	75	8	4000	Cu	3	-	3	*
Blacksod Point ...	1033.0	+4	W	4	c	43	85	9	-	St.Cu	7	-	7	*
Donaghadee	1031.3	+2	NE	2	bc-	45	75	8	5750	St.Cu	3	A.Cu	6	*
Birr Castle ...	1032.7	.	NW	1	c	47	75	8	4000	St.Cu	8	-	8	*
Baldonnell	1033.0	+3	NNE	2	o	44	75	8	2500	St.Cu	10	-	10	*
Holyhead	1031.3	+3	NNE	3	c	46	65	9	4000	St.Cu	7	-	7	*
Liverpool (Bidston) ...	1029.9	+1	NW	4	b-	43	55	8	2500	Cu	2	Ci.St	3	*
Chester (Shotwick) ...	1029.3	+2	NW	5	c	44	55	9	4000	St.Cu	8	-	8	*
Spurn Head	1026.8	+3	NNW	7	c	44	85	6	4000	Cu.Nb	7	-	7	*
Nottingham	1027.8	*	NNE	4	o+	44	65	6	800	Cu.Nb	9	-	9	*
Cranwell	1027.4	+2	NNW	5	o/s(h)	43	75	8	1500	St.Cu	9	-	9	*
Gorleston	1023.6	+1	NNE	6	o	45	65	7	2500	Cu.Nb	6	-	6	*
Pulham														*
Valencia (Cahirciveen)	1034.3	+1	NW	2	bc-	48	65	9	5750	St.Cu	4	A.Cu	6	*
Roches Point	1033.5	+1	NNW	2	o+	49	75	8	4000	Cu	9	-	9	*
Pembroke (St. Ann's H.)	1032.0	+1	NNE	4	c	44	85	8	4000	St.Cu	8	-	8	*
Ross-on-Wye	1028.4	+1	N	4	c	44	55	8	4000	St.Cu	8	-	8	*
Benson...	1027.3	+2	NNW	5	o	44	55	8	-	St.Cu	10	-	10	*
S. Farnborough ...	1026.4	+1	N'W	3	o	46	65	7	4000	St.Cu	8	A.Cu	10	*
London (Kew Obsy.)...	1026.5	+1	N	4	c/r	44	65	8	5750	Cu	5	A.Cu	8	*
Croydon	1026.3	+2	N'W	4	o/s(h)	43	65	6	1500	Cu.Nb	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness ...	1024.7	+3	NE	4	o	46	65	7	4000	St.Cu	7	A.Cu	9	*
Grain	1025.6	+3	N	4	o/s(h)	46	65	8	2500	Cu	9	-	9	*
Lympne	1024.3	+3	N	6	c	44	65	8	2500	Cu	4	A.St	7	*
Scilly (St. Mary's) ...	1031.9	+1	N	4	bc+	48	65	8	4000	Cu	3	-	3	*
Falmouth (Pendennis)	1030.9	+2	NE	5	c+	47	75	8	4000	Cu.Nb	7	-	7	*
Plymouth (Cattewater)	1029.3	+2	N	4	o-	48	55	8	1500	St.Cu	10	-	10	*
Portland Bill	1026.5	+2	N	4	bc	46	85	7	-	-	-	A.Cu	4	*
Southampton (Calshot)	1026.9	+2	N	5	c	46	55	8	4000	Cu	8	-	8	*
Dungeness	1023.6	+2	NNE	5	c-	48	97	8	4000	Cu	8	-	8	*
Jersey	1027.4	+1	N	3	b-	47	65	8	4000	St.Cu	2	-	2	*

Observations at 1800 G.M.T. 17th

STATIONS.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud Low Form.	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1024.5	+3	NNW	4	bc/r	39	75	7	5750	St.Cu	6	-	6	3
Stornoway	1032.9	+2	N	2	bc	44	55	6	4000	Cu	4	-	4	1
Wick	1030.9	+3	NW	4	o	41	75	8	4000	St.Cu	10	-	10	3
Castlebay	1033.4	+1	W	2	b	45	65	8	-	-	0	-	0	1
Nairn	1032.2	*	NNW	1	bc	42	75	8	5750	St.Cu	6	-	6	*
Aberdeen	1031.8	+4	NNW	3	c/s(h)	41	75	7	4000	St.Cu	8	-	8	0
Malin Head	1033.3	+1	N	1	b-	44	97	8	5750	St.Cu	3	-	3	1
Renfrew	1032.0	+2	N	2	c-	45	65	8	2500	St.Cu	8	-	8	*
Edinburgh (Inchkeith)	1031.8	+3	NNE	3	o	43	75	8	-	St.Cu	9	-	9	2
Eskdalemuir	1031.7	+2	N	2	o	41	65	8	4000	St.Cu	9	-	9	*
Tynemouth	1030.3	+2	N	4	bc+	41	85	8	4000	Cu	6	-	6	1
Blacksod Point	1032.5	+2	W'S	4	bc-	49	65	9	-	Cu	4	-	4	0
Donaghadee	1032.9	+2	NNE	1	b	45	65	8	-	-	0	A.Cu	3	0
Birr Castle	1033.3	*	NNW	1	o+	48	75	7	2500	St.Cu	9	-	9	*
Baldonnell	1033.3	+1	NE'N	1	c-	45	75	8	2500	St.Cu	7	A.St	8	*
Holyhead	1032.8	+3	N'E	4	o+	44	75	9	-	-	0	A.Cu	8	4
Liverpool (Bidston)	1031.6	+2	NW	4	b	44	65	9	-	-	0	A.Cu	3	4
Chester (Shotwick)	1031.2	+2	NW	5	bc	44	65	9	-	-	0	A.Cu	5	*
Spurn Head	1029.7	+3	NNW	6	bc	42	92	7	4000	Cu.Nb	5	-	5	6
Nottingham	1030.8	*	N	3	bc-	41	85	5	800	Cu.Nb	6	-	6	*
Cranwell	1029.5	+2	NNE	4	bc	41	75	8	2500	St.Cu	4	-	4	*
Gorleston	1026.0	+2	NNE	5	bc	42	75	7	2500	Cu.Nb	4	-	4	4
Pulham														*
Valencia (Cahirciveen)	1034.9	+1	W	2	b-	48	65	9	5750	St.Cu	1	Ci.St	3	0
Roches Point	1034.0	0	NW	1	c-	50	75	8	4000	Cu	8	-	8	0
Pembroke (St. Ann's H.)	1033.5	+1	NE	4	bc	42	85	8	4000	Cu	6	-	6	4
Ross-on-Wye	1030.3	+3	NNW	2	bc-	43	65	8	4000	St.Cu	4	-	4	*
Benson	1029.6	+2	NNE	3	c	43	65	8	-	St.Cu	6	A.Cu	7	*
S. Farnborough	1028.7	+3	N'W	1	bc/jp	40	85	7	2500	Nb	4	A.Cu	6	*
London (Kew Obsy.)	1029.0	+2	NNW	3	bcjp	43	75	6	4000	St.Cu	4	-	4	*
Croydon	1028.5	+2	N	3	bc-	40	85	6	2500	St.Cu	3	A.Cu	4	*
Clacton-on-Sea	1026.6	+3	N	4	bc-	43	75	7	1500	St.Cu	5	-	5	1
Shoeburyness	1026.8	+1	NNE	3	b/r	44	65	8	4000	Cu	2	-	2	*
Grain	1027.6	+2	NNE	4	c/s(h)	43	75	8	2500	Cu	5	Ci.Cu	7	3
Lympne	1026.9	+3	N'E	6	cjp	42	75	8	1500	Cu.Nb	7	A.Cu	8	*
Scilly (St. Mary's)	1032.4	0	NNE	4	bc-	45	65	8	4000	Cu	4	Ci	5	5
Falmouth (Pendennis)	1032.6	+3	NNE	4	o+	44	75	8	4000	St.Cu	9	-	9	0
Plymouth (Cattewater)	1030.8	-3	NNW	4	o-	45	65	8	1500	St.Cu	9	-	9	0
Portland Bill	1028.0	+2	N	4	bc	45	85	7	1500	St.Cu	4	-	4	3
Southampton (Calshot)	1028.7	+1	N	4	bc-	46	55	7	1250	St.Cu	5	-	5	0
Dungeness	1026.0	+3	NNE	5	bc+	45	65	8	1500	St	5	-	5	5
Jersey	1028.4	0	N	3	o	46	55	8	4000	St.Cu	10	-	10	3

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 Sunrise to Sunset hrs.	Humidity 15h. G.M.T. %	Humidity 8h. G.M.T. %
	24 Hours ended 0900 G.M.T. 18th								Yesterday.		To-day.
Kew	ocupq	c:up	bc bcbom	*	*	28	-	-	4.2	*	*
Croydon (24 hours ended 0700)	o2r,h	op6sp	c bcbmom	*	*	32	Tr	-	2.3	*	*
Greenwich (Royal Obsy.) ..	ocp	cph	cbc	48	35	31	1	-	4.9	66	83
City (Bunhill Row) ..	*	*	*	*	*	*	*	*	3.4	*	*
Westminster (St. James' Pk.)	*	*	*	47	36	30	0.4		3.4	92	98
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	3.4	*	-
Camden Sq.	c	bp	*	46	35	31	0.5	-	*	*	74
Kensington Palace	ocbc	bcoc	*	48	36	30	-	-	*	73 (18h.)	70
Hampstead Observatory ..	*	*	*	45	33	25	Tr	-	5.0	*	77

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.			
24 HR. ended 1800 G.M.T.			
South Kensington			
Max.	Time.	Min.	Time.
Kew Observatory			
Max.	Time.	Min.	Time.

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .... joules

Average Rate

..............Milliwatts.

Maximum Rate

..............Milliwatts.

POLE STAR RECORDS at Greenwich Obsy.			
Exposure from 17th 20 h 15 m. to 18th 03 h 45 m.			
Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	7.30	6.30	87
δ Ursae Minoris	7.30	5.22	72

RADIO DISTURBANCES (Atmospherics) AT CROYDON.† Time.	Type.	No. per ¼ sec.	Stren.	Direc.
12h.	-	-	-	-
18h.	-	-	-	-
0h.	-	-	-	-
6h.				

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

18th & 19th APRIL 1922

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ...	4.51 4.49	11.52 11.52	6.53 6.54
Greenwich ...	5.1 4.59	11.59 11.59	6.58 6.59
Wick	4.55 4.52	12.11 12.11	7.28 7.30
Valencia ...	5.41 5.39	12.40 12.40	7.40 7.41

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, 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

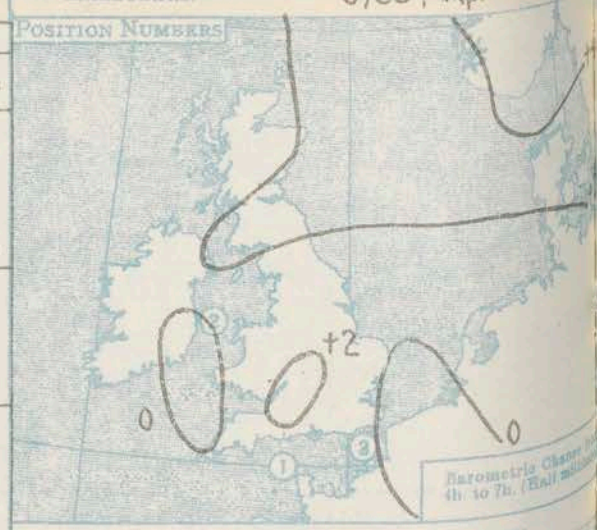
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 17h.	13h.-18h. 17h.	18h. 17h. to 1h. 18h.	1h.-7h. 18h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	p	p	oo	o	43	36	•	0.2	-	<0800	-	•
Stornoway	oo	b	b.bc	bbc	45	29	•	-	-	-	-	5.9
Wick	oo	oo	oo	oo	42	36	•	-	-	-	-	•
Castlebay	oc	cb	b	bc	45	38	•	-	-	-	-	7.1
Nairn	cq	cq	cbc	bcx	45	31	•	-	-	-	-	0.6
Aberdeen	bcps	bzc	co	co	43	37	35	0.3	-	<0800	-	5.2
Malin Head	oo	bbc	b.bc	bbc	44	34	•	-	-	-	-	0.0
Renfrew	cro	ovc	b	bffx	48	27	17	trace	-	-	-	3.3
Edinburgh (Inchkeith)	oo	oo	c	b.bc	45	36	32	-	-	-	-	7.2
Eskdalemuir	bbcc	ops	obc	b	45	26	21	trace	-	1330	-	5.9
Tynemouth	bcq	bcq	bcm	bym	43	32	32	-	-	-	-	•
Blacksod Point ...	c	bbc	bbc	bbc	50	40	•	-	-	-	-	•
Donaghadee	c	bc	b	bc	47	30	•	-	-	-	-	•
Birr Castle	co	co	cbx	bxz	50	31	23	-	-	-	-	2.0
Baldonnell	oo	oo	ocbc	bbc	47	28	22	-	-	-	-	1.4
Holyhead	oir	bcv	cbcb	cbcb	46	41	38	trace	-	<0800	-	6.2
Liverpool (Bidston) ...	bc	b	b.	bnv	46	38	28	-	-	-	-	10.1
Chester (Shotwick) ...	coc	cbcbbf	bcoom	oocbcm	47	34	26	-	-	-	-	•
Spurn Head	c	c	oo	c	44	37	•	0.2	-	<0600	-	7.8
Nottingham	c	cp	cb		48	35	31	0.1	-	1730	-	8.3
Cranwell	bctopr	cp	b.bo	bxbc	47	31	28	0.1	-	0900	-	9.2
Gorleston	cq	cphq	bcqp	cqphr	46	37	34	-	2	-	<2100	5.6
Valencia (Cahirciveen)	cbc	bcbv	b.bc	bcco	48	34	30	-	-	-	-	7.0
Roches Point	bco	oc	bcb	bw	52	37	•	-	trace	-	-	•
Pembroke (St. Ann's H.)	c	c	c	bbc	47	36	•	-	-	-	-	3.3
Ross-on-Wye	bcqyoq	cyopv	c.co	cbcoc	45	33	27	-	-	-	-	6.0
Benson...	c	c	cbc	bc	47	30	22	-	-	-	-	•
S. Farnborough ...	c	p	bbcco	bcb	47	31	24	trace	-	1730	-	5.0
London (Kew Obsy.) ...	ozoubqc	ccucpbc	bcbb	oomrv	47	35	28	-	-	-	-	4.2
Croydon	ozr	obqsbqoo	bcbm	bmom	44	35	32	trace	-	1100	-	2.3
Clacton-on-Sea ...	c	bc	bcb	bbcp	47	35	30	-	0.1	-	0530	4.3
Shoeburyness	c	oid.b	b	bc	48	34	30	0.1	-	<0800	-	5.4
Grain	opvhcw	oprhc	b	bc	48	34	30	0.1	-	0900	-	5.4
Lympne	ocqpr	coqprhc	ocbcprhq	bbccoq	47	33	32	0.1	0.1	<0800	<2100	4.9
Scilly (St. Mary's) ...	b	bc	bc.c	c	49	43	•	-	-	-	-	7.5
Falmouth (Pendennis)	bcqc	co	cbc	bcb	48	37	•	-	-	-	-	7.5
Plymouth (Cattewater)	c	oo	bbc	bbc	49	35	23	-	-	-	-	7.4
Portland Bill	c	c	c	cb	47	37	•	-	-	-	-	•
Southampton (Calshot)	c	c	bcb	bbc	47	36	34	-	-	-	-	9.2
Dungeness	c	bbc	c	bbc	49	33	•	-	trace	-	<2100	•
Jersey	ocb	bco	oco	ocb	50	41	•	-	-	-	-	6.6

ISALLOBARS. 0700, April 18th.

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
3	18th 0300	Brighton	NNE	5	0-	41	46

GENERAL INFERENCE.

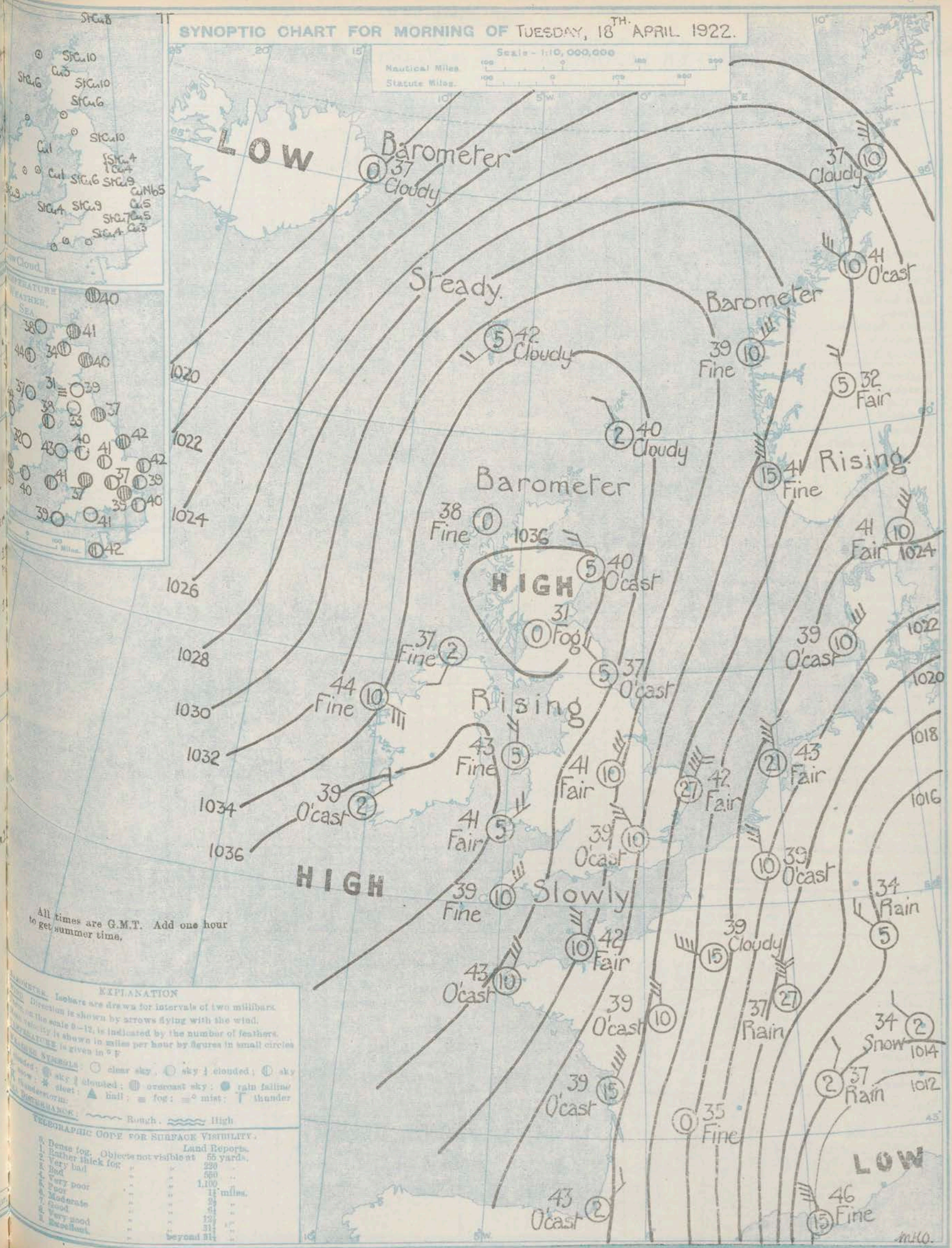
The anticyclone over Scotland and Ireland is tending to spread slightly eastwards. Fine quiet weather is probable over the British Isles as a whole, with slight frost locally at night; some rain or sleet showers are probable over Eastern England with a cold squally N. to N.E. wind, moderating later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 18th April, 1922.
1. S.E. England 2. E. England 3. E. Midlands	Fresh to strong North to North-East wind, moderating later; some rain or sleet showers with considerable bright intervals; visibility good; cold.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Light North-East wind; fine; visibility good apart from morning mist; moderate temperature during the day, slight frost locally at night.
10. N.E. England	As 1 - 3.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind light and indefinite; fine; visibility good apart from morning mist; moderate temperature during the day, risk of slight frost locally at night.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	Light to moderate winds mainly from S.E.; fine; visibility mainly good; moderate temperature during the day; slight frost locally inland at night;
20. S.W. Ireland	As 11 - 16. As 17.

Further Outlook.

Fine quiet weather generally on Wednesday and Thursday.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 11.00 G.M.T. C. C. SIMPSON, F.R.S., Director.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.... TUESDAY, 18TH APRIL ....1922. No. 108

Observations at 0100 G.M.T. 18th

Stations	Baron. 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	1033.2	+3	SSW	1	c-	37	97	7	5750	StCu	7	-	7	*
Stornoway	1036.1	0	-	0	b	*	*	7	*	*	*	*	*	*
Wick	1033.9	+1	NW	1	0	38	85	8	5750	StCu	9	-	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1035.0	0	SSW	1	b	37	92	8	-	-	0	-	0	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1035.1	+2	WNW	2	b	37	85	8	-	-	0	ACu	2	
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1033.4	+2	NW	3	b	38	85	6	4000	Sr	3	-	3	*
Blacksod Point ...	1034.8	+1	E	2	b	43	85	7	-	Cu	1	-	1	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1036.8	+4	-	0	b-	36	92	7	2500	StCu	4	-	4	*
Holyhead	1034.7	+1	NNE	4	b	*	*	8	-	-	0	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1030.1	0	N	7	0	39	92	7	-	-	0	A.Sr	10	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1031.8	+1	NNW	4	b	33	85	8	-	-	0	-	0	*
Gorleston	1027.3	+1	N'W	5	bPR-	40	85	7	2500	CuNb	3	-	3	*
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1036.3	+2	W'S	2	b	43	65	7	-	-	0	ACu	3	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1034.7	+1	N	3	b-	39	75	8	4000	StCu	3	-	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1030.8	0	N	2	b+	35	85	6	-	-	0	Ci Sr	3	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1028.9	+1	N	4	b/S(H)	34	92	8	4000	StCu	2	-	2	*
Scilly (St. Mary's) ...	1034.2	+2	NE	3	c	47	75	8	4000	StCu	7	-	7	*
Falmouth (Pendennis)	1035.0	0	NE	2	b-	43	75	7	4000	StCu	2	-	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1030.8	+2	N	4	bc	43	85	7	1500	StCu	5	-	5	*
Southampton (Calshot)	1031.9	+1	N	3	b	39	85	7	-	-	0	-	0	*
Dungeness	1028.9	+1	N	3	b-	35	92	8	-	-	0	-	0	*
Jersey 7h / Guernsey 1h	1031.3	+3	N	5	c	43	85	7	5750	Cu	7	-	7	*

Observations at 0700 G.M.T. 18th

Stations	Baron. 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	1035.0	+2	NNW	1	c	40	97	8	5750	StCu	8	-	8	0
Stornoway	1035.6	+1	-	0	b-	39	85	7	-	-	0	-	0	0
Wick	1035.6	+2	NW	2	0	41	75	8	5750	StCu	10	-	10	0
Castlebay	1035.9	+1	SE	2	bc+	44	75	8	2500	StCu	6	-	6	2
Nairn	1035.0	*	NNW	1	bc-	34	75	8	4000	Cu	3	A.Cu	5	*
Aberdeen	1036.1	+2	NNW	2	0	40	75	7	4000	StCu	10	-	10	0
Malin Head	1035.3	0	SSW	1	b	37	97	8	-	-	0	-	0	1
Renfrew	1036.7	+3	-	0	fb+	31	85	3	-	--	0	-	0	*
Edinburgh (Inchkeith)	1036.1	+1	NNW	1	b	39	65	7	-	-	0	ACu	1	*
Eskdalemuir	1036.4	+2	-	0	b	33	75	8	-	-	0	-	0	1
Tynemouth	1034.1	+1	NW	2	0	37	92	6	4000	StCu	10	-	10	2
Blacksod Point ...	1033.5	+1	ESE	3	b	44	75	9	-	-	0	Ci	3	0
Donaghadee	1035.7	+2	-	0	bc	38	85	7	4000	Cu	1	Ci Sr	4	0
Birr Castle	1035.8	*	SE	1	b-	32	92	6	-	-	0	-	0	*
Baldonnell	1036.4	0	-	0	b	35	97	8	-	-	0	-	0	0
Holyhead	1035.2	+1	N	2	b	43	85	9	2500	Cu	1	-	1	1
Liverpool (Bidston) ...	1034.8	+1	N	1	b	40	75	7	-	-	0	Ci Cu	2	*
Chester (Shotwick) ...	1033.6	+1	N	1	bc-	42	75	5	5750	StCu	6	-	6	*
Spurn Head	1031.2	+1	N	6	c	42	92	6	4000	StCu	8	-	8	5
Nottingham	1033.4	*	NNE	3	bc+	41	75	5	-	-	0	A.Sr	6	*
Cranwell	1032.7	+1	NNW	4	0+	36	85	6	4000	StCu	9	-	9	*
Gorleston	1027.6	0	N'W	6	bc-	42	85	6	2500	CuNb	5	-	5	4
... ...														
Valencia (Cahirciveen)	1036.1	+1	NE'E	1	0-	39	85	9	4000	StCu	9	-	9	0
Roches Point	1036.3	+1	NW	1	b	40	97	8	-	-	0	ACu	4	1
Pembroke (St. Ann's H.)	1035.5	0	NE	2	bc	41	75	8	4000	StCu	4	-	4	*
Ross-on-Wye	1033.8	+1	NNW	2	0	37	85	7	4000	StCu	9	-	9	*
Benson...	1032.6	+2	N	2	bc	39	92	7	-	-	0	ACu	5	0
S. Farnborough ...	1031.9	+1	N'W	3	0	38	85	6	5750	StCu	10	-	10	*
London (Kew Obsy.) ...	1031.7	+1	NNW	3	0	39	75	6	2500	StCu	7	ACu	9	*
Croydon	1031.3	+1	NNW	4	0	38	85	5	1500	Sr	10	-	10	*
Clacton-on-Sea ...	1029.0	+1	NW	3	bc	39	97	7	4000	Cu	5	-	5	0
Shoeburyness	1029.8	0	NNW	4	bc	40	75	7	2500	Cu	5	-	5	*
Grain	1030.2	+1	NNW	5	bc+	39	85	7	4000	StCu	6	-	6	3
Lympne	1028.6	0	N	6	c	38	92	7	1500	StCu	8	-	8	*
Scilly (St. Mary's) ...	1034.3	0	NE'E	2	c	44	65	8	4000	StCu	8	-	8	3
Falmouth (Pendennis)	1035.3	0	NE	3	b	39	85	7	-	-	0	-	0	0
Plymouth (Cattewater)	1034.3	+2	-	0	b	37	85	7	-	-	0	-	0	0
Portland Bill	1032.3	+2	N	3	b-	41	85	7	-	-	0	-	0	2
Southampton (Calshot)	1032.3	+1	N	3	bc	38	85	6	7250	StCu	4	-	4	0
Dungeness	1028.1	0	N	3	b+	40	92	7	2500	Cu	3	-	3	4
Jersey 7h / Guernsey 1h	1032.0	0	N	3	bc	42	65	8	-	-	0	ACu	4	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17TH APRIL

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 16h-17h	Temperature. Max. Day 17h	Rainfall.† Night 13h.-9h. 16h-17h	Rainfall.† Day 9h.-13h. 17h	Sunshine. Sunrise to 17h. 17h	Sunshine. Sunrise to Sunset 16h
			°F.	°F.	mm.	mm.	hr.	
Banff	bbsp	co	35	43	0.6	0.2	2.4	0.6
Montrose	bc	c	34	46	-	0.1	5.3	10.1
Llandudno	ccb	bb	40	45	-	-	6.3	1.8
Colwyn Bay ...	bc	bcb	39	47	-	-	5.6	2.0
Rhyl...	oc	bcb	39	45	-	-	7.0	2.3
Southport	bcbc	bc	34	46	-	-	8.5	2.2
Blackpool	c	bc	33	47	-	-	9.0	3.1
Harrogate	bc	b	38	44	0.6	-	7.9	2.4
Skegness	pocb	b	36	45	0.3	-	8.9	0.0
Aberystwyth ...	ocb	bcc	36	45	-	-	4.5	2.2
Bath	bbc	bbcco	35	47	-	-	7.1	0.0
Leamington Spa ...	—	—	34	46	0.3	-	4.1	0.0
Lowestoft	ocbc	bpbc	40	45	2	-	3.0	2.0
Felixstowe	om	om	40	47	3	-	2.0	3.5
Southend	bc	bbc	38	48	3	-	4.0	3.5

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 16h-17h	Temperature. Max. Day. 17h	Rainfall.† Night 13h. 9h. 16 17	Rainfall.† Day 9h.-13h 17	Sunshine. Sunrise to 17h 17	Sunshine. Sunrise to Sunset 16h
			°F.	°F.	mm.	mm.	hr.	
Paignton	bbcc	ccq	39	51	-	-	10.1	0.3
Ilfracombe	cbcc	cbcc	42	47	-	-	3.1	0.7
Bude	ccpbc	c	42	47	-	-	4.2	1.3
Penzance	bc	bcc	39	51	3	-	8.0	3.4
Falmouth Observatory	bc	bcc	40	49	2	-	7.6	0.3
Torquay	b	b	39	50	-	-	8.2	0.6
Weymouth	bc	bcc	39	51	0.3	-	10.5	0.3
Bournemouth ..	b bc	o	38	48	1	-	7.1	0.2
Portsmouth (Southsea)	b	b	39	48	1	-	7.5	1.6
Worthing	bcc	cbc	39	48	2	-	3.0	6.2
Brighton	c	c	40	47	1	-	4.4	6.4
Eastbourne .. .	o	copoc	40	51	3	0.2	3.3	7.8
Hastings	ocbcc	co	39	47	4	trace	2.8	6.5
Folkestone	↑	bc	40	52	1	1	?	7.3
Tunbridge Wells ...	cbc	copbc	38	49	1	0.3	5.2	4.7
Ramsgate	o	o	40	47	-	0.5	4.1	5.8
Margate	o	c	41	45	0.4	-	1.4	6.7
Deal ...	oc	bc	41	48	-	-	2.5	3.5

* 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.22063 Wednesday 19th APRIL 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	10359	+1	S	1	bc	44	65	8	?	St.Cu	5	–	5	*
Stornoway	10362	+1	SW	3	b	47	75	7	–	–	0	–	0	*
Wick	10362	+1	E	2	b	45	65	8	4000	Cu	1	–	1	*
Castlebay	10356	0	SE	4	b	46	85	8	2500	St.Cu	1	–	1	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	10365	0	ENE	3	c–	47	65	8	4000	St.Cu	8	–	8	*
Malin Head	10346	–1	E	3	b	45	97	8-	–	–	0	–	0	*
Renfrew	10361	–1	NNE	3	b	47	55	5	2500	Cu	3	–	3	*
Edinburgh (Inchkeith)	10363	+1	E	2	o+	45	65	8	–	St.Cu	9	–	9	*
Eskdalemuir	10357	0	NNE	3	c	44	55	8	4000	St.Cu	7	–	7	*
Tynemouth	10344	0	N	4	o	42	75	8	4000	St.Cu	10	–	10	*
Blacksod Point	10349	–1	SSW	4	b	53	65	9	–	Cu	2	–	2	*
Donaghadee	10357	0	E	1	b	45	85	8	–	–	0	–	0	*
Birr Castle	10249	*	NE	1	bc+	53	75	8	4000	Cu	6	–	6	*
Baldonnell	10362	–1	–	0	bc+	50	65	7	4000	Cu	5	–	5	*
Holyhead	10353	0	NNE	3	b	47	65	9	2500	Cu	1	–	1	*
Liverpool (Bidston)	10345	–1	NW	3	bc	44	55	8	2500	Cu.Nb	6	–	6	*
Chester (Shotwick)	10237	0	NNW	4	c–	46	55	8	5750	St.Cu	8	–	8	*
Spurn Head	10313	0	N	6	bc	45	85	6	4000	Cu	3	Ci.Cu	6	*
Nottingham	10324	*	N	4	o+	44	75	5	800	Cu.Nb	7	Ci.St.	10	*
Cranwell	10319	0	N'E	5	o	44	75	7	1500	St.Cu	10	–	10	*
Gorleston	10274	0	N'E	6	o+	44	75	6	4000	Nb	10	–	10	*
Valentia (Cahirciveen)	10348	–1	S	2	b–	51	65	9	4000	St.Cu	2	–	2	*
Roches Point	10357	–1	S	2	b	50	92	8	4000	Cu	1	–	1	*
Pembroke (St. Ann's H.)	10351	–1	NNW	3	b	48	75	8	4000	St.Cu	3	–	3	*
Ross-on-Wye	10324	–2	N	3	o+	47	55	7	4000	St.Cu	9	–	9	*
Benson	10317	–2	N	4	o+	44	65	7	–	St.Cu	10	–	10	*
S. Farnborough	10309	–1	NW	3	o	45	65	8	2500	St.Cu	10	–	10	*
London (Kew Obsy.)	10305	–1	N	4	o	45	65	7	4000	Cu	2	A.Cu	9	*
Croydon	10302	–1	N	5	ojp	41	85	6	2500	Cu.Nb	9	–	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	10283	–2	N	6	cr₀	48	55	8	1500	Cu	6	A.Cu	8	*
Grain	10283	–1	NNW	4	o/r	47	65	8	4000	St.Cu	9	–	9	*
Lympne	10273	–2	N	7	c/p	45	75	8	<150	St.Cu	7	–	7	*
Scilly (St. Mary's)	10347	0	ENE	2	b	50	65	8	4000	Cu	2	–	2	*
Falmouth (Pendennis)	10343	0	NE	3	bc	46	75	7	4000	Cu	6	–	6	*
Plymouth (Cattewater)	10331	–1	NNW	3	bc–	48	45	8	2500	Cu	6	–	6	*
Portland Bill	10317	–1	N	3	bc+	44	85	7	1500	St.Cu	5	–	5	*
Southampton (Calshot)	10310	–2	N'E	5	o+	46	55	8	4000	St.Cu	10	–	10	*
Dungeness	10277	–1	NNE	6	c+	48	75	8	2500	Nb	8	–	8	*
Jersey	10318	+0	N	4	b	48	65	8	–	–	0	A.Cu	3	*

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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1034.7	–1	W	1	c	44	75	8	4000	St.Cu	7	–	7	0
Stornoway	1033.4	–3	SSE	2	b	38	75	7	–	–	0	–	0	1
Wick	1035.2	–1	SSE	2	b	42	75	8	–	–	0	–	0	0
Castlebay	1033.8	–1	SE	4	b	46	85	8	2500	St.Cu	1	–	1	3
Nairn	1034.4	*	NNE	2	b	45	75	8	–	–	0	–	0	*
Aberdeen	1036.1	0	ENE	2	b	42	75	8	5750	St.Cu	1	–	1	0
Malin Head	1033.1	–2	ENE	2	b	45	85	8	–	–	0	–	0	1
Renfrew	1034.9	–1	E	2	c+	47	65	6	4000	St.	6	–	6	*
Edinburgh (Inchkeith)	1035.5	–1	E	2	b	45	75	8	–	–	0	–	0	2
Eskdalemuir	1035.0	+0	ENE	4	b	41	65	8	4000	St.Cu	3	–	3	*
Tynemouth	1034.9	+1	NNE	3	o	41	85	8	4000	St.Cu	10	–	10	3
Blacksod Point	1032.1	–2	SSW	4	bc+	51	75	9	–	–	0	Ci.	5	3
Donaghadee	1034.6	–1	ESE	2	b	45	85	8	–	–	0	–	0	0
Birr Castle	1032.7	*	E	1	bc	56	75	8	4000	Cu	3	Ci.Cu	2	*
Baldonnell	1034.9	+1	ENE	2	b	46	65	8	–	–	0	A-St.	1	*
Holyhead	1034.6	0	NE/N	3	b	43	75	8	–	–	0	–	0	0
Liverpool (Bidston)	1033.7	–0	NE	2	c+	44	65	8	1500	Cu.Nb	8	–	8	1
Chester (Shotwick)	1032.8	+0	NNW	3	o	44	75	7	5750	St.Cu	10	–	10	*
Spurn Head	1031.3	0	N	6	o	42	65	9	4000	St.Cu	9	–	9	6
Nottingham	1032.7	*	NNE	4	o+	43	65	6	1500	St.Cu	10	–	10	*
Cranwell	1031.8	+0	N'E	5	o/r	41	85	6	2500	St.Cu	10	–	10	*
Gorleston	1027.5	0	NNE	6	dd₀	43	85	6	4000	Nb	10	–	10	4
Valentia (Cahirciveen)	1033.3	–1	S	3	bc+	52	75	9	4000	St.Cu	1	Ci.Cu	5	1
Roches Point	1033.8	–1	SW	3	b+	50	85	8	–	–	0	Ci	3	0
Pembroke (St. Ann's H.)	1033.9	–1	N	2	b	46	75	8	–	–	0	–	0	2
Ross-on-Wye	1032.2	0	NE	2	o	45	65	7	4000	St.Cu	10	–	10	*
Benson	1030.9	0	N	4	o+	44	75	7	–	Cu	10	–	10	*
S. Farnborough	1030.5	–1	NNE	3	o+	44	65	7	2500	St.Cu	10	–	10	*
London (Kew Obsy.)	1030.1	0	NNW	4	o	44	75	6	4000	St.Cu	10	–	10	*
Croydon	1030.3	+1	N	5	o/r	43	75	6	2500	Nb	10	–	10	*
Clacton-on-Sea	1028.2	0	NNW	4	opr₀	43	92	6	1500	St.	10	–	10	1
Shoeburyness	1028.7	0	N	4	o	43	75	7	1500	St.Cu	10	–	10	*
Grain	1029.1	0	N	5	o/r	43	85	8	1500	St.Cu	10	–	10	3
Lympne	1027.7	+1	N	6	o/r	41	85	9	1500	St.	10	–	10	*
Scilly (St. Mary's)	1033.5	–1	NNE	3	c–	47	65	8	4000	St.Cu	8	–	8	3
Falmouth (Pendennis)	1033.7	–2	NE	4	bc	47	75	8	4000	Cu	4	–	4	0
Plymouth (Cattewater)														*
Portland Bill	1031.8	–1	N	3	bc	47	85	7	–	–	0	Ci.Cu	4	0
Southampton (Calshot)	1030.5	–1	NNE	4	c	46	65	7	4000	St.Cu	3	A.Cu	6	3
Dungeness	1026.9	0	NNE	5	opr₀	44	92	7	2500	Nb	10	–	10	5
Jersey	1030.6	–0	N	4	b	47	65	8	4000	St.Cu	2	A.Cu	3	3

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 19th)

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	czo	oco	odocm	*	*	37	–	–	3.7	*	*
Croydon (24 hours ended 0700)	ocmpr	omprz	ompcom	*	*	38	0.1	tra	1.9	*	*
Greenwich (Royal Obsy.)	cpo	copo	orors.b	49	40	36	–	–	3.9	62	69
City (Bunhill Row)	*	*	*	*	*	*	*	*	5.0	*	*
Westminster (St. James' Pk.)	*	*	*	*	*	*	*	*	*	*	*
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	4.8	*	–
Camden Sq.	c	o	*	49	40	36	–	–	*	*	75
Kensington Palace	coc	oc	*	49	41	36	–	–	*	67 (18h.)	67
Hampstead Observatory	*	*	*	46	38	36	tra	–	*	*	73

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.
24 Hrs. ended 1800 G.M.T. 18th

South Kensington Max.	Time.	Min.	Time.
0.3 / 0.3	19h. 17th / 10h. 18th	<0.3	1h. 18th

Kew Observatory Max.	Time.	Min.	Time.
0.5 / 0.5	20h. 17th / 7h. 18th	<0.3	3h. 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 ......h......m. to 19th ......h......m.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

Time.	Type.	No. per 4 sec.	Stren.	Direc.
18h.				
[illegible]				
6h.				
9h.				

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.
19th & 20th Apl. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.49 / 4.47	11.52 / 11.52	6.54 / 6.56
Greenwich	4.59 / 4.57	11.59 / 11.59	6.59 / 7.1
Wick	4.52 / 4.50	12.11 / 12.11	7.30 / 7.32
Valencia	5.39 / 5.37	12.40 / 12.40	7.41 / 7.42

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, 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.

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

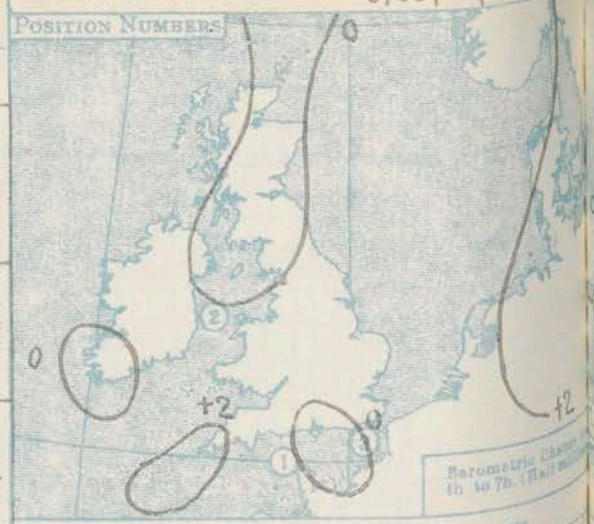
§ For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half-millibars. † For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 18th	13h.-18h. 18th	18h.-1h. 18th to 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	b or bc	b.or bc	b bc	b bc	46	37	•	-	-	-	-	•
Stornoway	b or bc	b	b bc	b	47	34	•	-	-	-	-	12.7
Wick	c	b.or bc	b bc	b bc	45	39	•	-	-	-	-	•
Castlebay	cb	b	b	bc	46	44	•	-	-	-	-	12.7
Nairn	bc	b	bx	bz	48	28	•	-	-	-	-	12.1
Aberdeen	o c	cbcb	b.bm	bmbxf	47	29	20	-	-	-	-	4.8
Malin Head	b.or bc	b.or bc	b	b bc	46	36	•	-	-	-	-	11.5
Renfrew	bfbzy	bcz	bfmbfx	bfx	50	25	17	-	-	-	-	10.8
Edinburgh (Inchkeith)	c	c	bbc	b bc	47	34	24	-	-	-	-	11.0
Eskdalemuir	bbcc	c.bc.b	bx		47	20	15	-	-	-	-	12.4
Tynemouth	oo	o	c	cm	43	34	29	-	-	-	-	•
Blacksod Point ...	b.or bc	b.or bc	b.bc	b.bc	49	45	•	-	-	-	-	•
Donaghadee	bc	bc	bc	bc	50	39	•	-	-	-	-	•
Birr Castle	c	c.o.bc	co	co	57	37	31	-	-	-	-	11.2
Baldonnell	b.or bc	b.or bc	b.bc	bbc x	50	27	20	-	-	-	-	11.9
Holyhead	bbv	b.bv	b.b	b.nw	48	37	35	2	-	-	-	12.6
Liverpool (Bidston) ...	b or bc	bc.o	bmx		46	34	28	-	-	-	-	6.5
Chester (Shotwick) ...	b.bc.oc	c.o	ob.b	bx bm	47	29	23	-	-	-	-	•
Spurn Head ...	c	c	c	b.bc	45	39	•	trace	-	1630	-	4.2
Nottingham	c	o	o	oo	46	37	35	-	-	-	-	2.9
Cranwell	cbco	o.or	oco	c	45	33	31	trace	-	1830	-	1.6
Gorleston	cphaq	opqmd	oqc bc	bq	46	41	38	0.2	-	< 0800	-	3.6
Valencia (Cahirciveen)	obcbv	b.bcv	bbc	bcc	55	45	40	-	-	-	-	9.2
Roches Point	b.or bc	b	bcbw	bbcc	52	37	•	-	0.1	-	-	•
Pembroke (St. Ann's H.)	b or bc	b.or bc	bbc	b.bc	50	36	•	-	-	-	-	10.3
Ross-on-Wye	b.bc.c	oyo	og	oo	47	39	36	-	-	-	-	5.0
Benson...	co	co	co	o	46	39	37	-	-	-	-	•
S. Farnborough ...	oo	oo	o	o	47	40	38	-	-	-	-	1.3
London (Kew Obsy.) ...	c30	a.c.o	ood.o.	oocm	46	40	37	-	-	-	-	3.7
Croydon	ocmpr	ompr3	ozmpr	omm	46	39	38	0.1	trace	0900	2200	1.9
Clacton-on-Sea ...	bcepo		ocbc	bcb	48	40	36	0.2	-	0900	-	6.2
Shoeburyness	bcc.r	o.o	b	ocbc	49	38	35	-	-	-	-	4.9
Grain	cir.o	oir.o	oir.o	ocbcb	50	40	37	0.1	trace	0900	-	4.9
Lympne	prq	oqpr	oqpr	ocq	47	39	37	0.5	1	0900	<2100	3.5
Scilly (St. Mary's) ...	b	bcc	c.bc.b	b	51	39	•	-	-	-	-	9.6
Falmouth (Pendennis)	b.bc	bcb	b	bm	49	37	•	-	-	-	-	11.3
Plymouth (Cattewater)	b or bc		bbc		50	36	19		-		-	9.1
Portland Bill	bc	c	c	b	49	38	•	-	-	-	-	•
Southampton (Calshot)	c	c	c	oo	49	41	39	-	-	-	-	7.0
Dungeness	pr.	prr.	ir.	bbc	49	41	•	0.2	31	1100	<2100	•
Jersey	bcb	b	co	ocb	49	43	•	-	-	-	-	11.8

ISALLOBARS. 0700, April 19th.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	18th 1000	Cambria	NNW	3	c	45	46
1	" 1200	Reindeer	N	5	bo	47	49
3	19th 0200	Dieppe	N	4	c	44	47

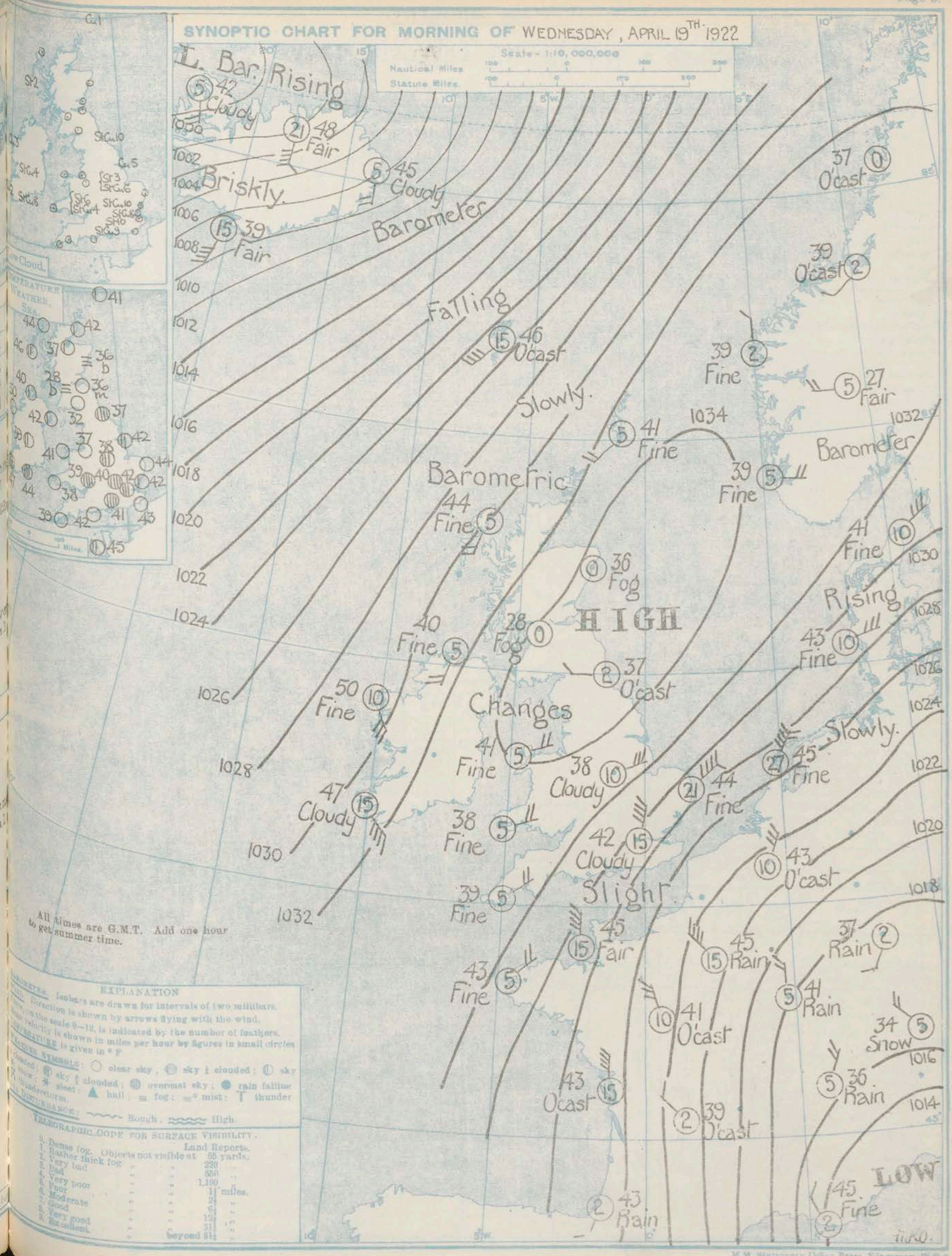
GENERAL INFERENCE.

An anticyclonic ridge extending from Norway to Madeira will cause fair quiet weather over the British Isles generally except over South-East England where strong North-East winds will continue with a risk of slight showers on the coast. Mainly fair dry weather is probable over the whole of England for several days.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 19th April, 1922.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands	Fresh to strong North-East wind, decreasing somewhat; fine generally but slight local showers at first on the coast; visibility good; cold.	
4. W. Midlands 5. S.W. England	Moderate to light North-East wind; fine; visibility good apart from morning mist, slight frost inland at night.	Mainly fair and dry for several days over 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 good apart from morning mist; slight frost at night.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate South to South-West winds, fresh at times on the coast; fair; visibility good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate South-East wind; fine; visibility good apart from slight morning mist; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10 G.M.T. C. C. SIMPSON, F.R.S., Director.

See back of opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION Wednesday, 19th APRIL 1922. No. 109

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	1034.4	0	-	0	b-	39	85	7	-	-	0	-	0	•
Stornoway	1033.2	-2	SW	1	b-	•	•	7	•	•	•	•	•	•
Wick	1033.8	-1	S	2	b4	40	92	8	-	-	0	A.Cu	1	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1033.2	0	SSE	1	b	43	92	8	-	-	0	-	0	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1035.2	+1	SE	1	mb	37	85	6	-	-	0	-	0	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1035.0	-1	NNE	1	bc-	40	85	7	4000	SrCu	4	-	4	•
Blacksod Point	1030.9	-1	S	5	b+	45	75	4	-	Cu	3	-	3	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1034.5	0	E'N	2	b-	37	85	7	-	-	0	-	0	•
Holyhead	1034.9	0	E'N	3	b	•	•	8	-	-	0	-	0	•
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sholwick)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1032.9	-1	NNE	6	bc	41	92	6	2500	Sr	4	-	4	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1032.7	0	N'E	4	0	39	85	6	2500	Sr	10	-	10	•
Gorleston	1029.8	+1	N'E	5	bc+	43	85	8	7250	SrCu	6	-	6	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1032.6	0	E	2	b	46	92	6	-	-	0	ASr	3	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1033.5	0	ENE	6	b	38	85	8	-	-	0	-	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	•	•	•	•	•	41	•	•	•	•	•	•	•	•
Croydon	1030.1	-1	N	5	0/r	41	92	6	1500	Sr	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1027.9	0	N	6	0/r	41	92	7	1500	Sr	10	-	10	•
Scilly (St. Mary's)	1033.7	•	NE	3	b-	44	75	8	4000	Cu	1	-	1	•
Falmouth (Pendennis)	1033.4	0	NE	3	b	42	85	8	4000	Cu	3	-	3	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1031.0	0	N	3	b-	43	85	7	-	-	0	-	0	•
Southampton (Calshot)	1031.2	-1	N'E	4	0	42	85	8	5750	SrCu	10	-	10	•
Dungeness	1029.0	0	NE	3	bc/r	41	92	8	-	Cu.Nb	4	-	4	•
Jersey 7h / Guernsey 1h	1032.1	0	N	4	0+	44	65	8	-	-	0	A.Sr	9	•

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	1032.9	-1	SW	2	b	41	85	8	7250	Cu	1	Ci.Sr	3	1
Stornoway	1030.2	0	SSW	2	b	44	75	7	-	-	0	-	0	1
Wick	1031.7	-1	SSE	3	b	42	92	8	-	-	0	Ci	3	4
Castlebay	1030.7	0	S	4	bc	46	85	7	1500	Sr	2	ASr	5	•
Nairn	1031.8	•	-	0	b	37	65	8	-	-	0	Ci	3	0
Aberdeen	1034.1	0	-	0	fb-	36	92	3	-	-	0	-	0	0
Malin Head	1031.6	0	SSW	2	b-	40	92	8	-	-	0	Ci.Cu	2	0
Renfrew	1034.9	-1	-	0	ffb	28	97	2	-	-	0	-	0	1
Edinburgh (Inchkeith)	1033.3	-1	W	1	mb-	36	92	5	-	-	0	-	0	•
Eskdalemuir	1035.6	0	-	0	b	32	85	7	-	-	0	-	0	0
Tynemouth	1034.7	0	W	1	0	37	85	4	4000	SrCu	10	-	10	2
Blacksod Point	1029.6	+1	SSE	3	b	50	75	8	-	Cu	3	-	3	4
Donaghadee	1033.6	+1	SSE	2	b	42	85	8	-	-	0	Ci	2	0
Birr Castle	1032.1	•	S	1	bc+	39	92	7	4000	SrCu	4	Ci.Cu	6	•
Baldonnell	1033.9	-1	-	0	b-	34	97	8	-	-	0	Ci	2	•
Holyhead	1034.0	-1	ENE	2	b	41	85	7	-	-	0	-	0	0
Liverpool (Bidston)	1034.0	0	-	0	b	37	85	5	-	-	0	-	0	0
Chester (Sholwick)	1033.0	0	-	0	b	35	85	4	-	-	0	-	0	•
Spurn Head	1033.0	+1	NNE	6	bc	42	92	6	4000	Cu	5	-	5	5
Nottingham	1033.3	•	ENE	3	c-	38	85	6	2500	Cu	7	-	7	•
Cranwell	1033.0	0	N'W	4	0+	36	92	6	800	SrCu	9	-	9	•
Gorleston	1029.0	0	NE	5	b-	44	75	7	-	-	0			•
Valencia (Cahirciveen)	1031.1	-1	SE	4	c	47	85	8	2500	Cu	2	Ci.Cu	8	1
Roches Point	1033.3	0	-	0	c	44	97	7	4000	SrCu	8	-	8	0
Pembroke (St. Ann's H.)	1033.9	0	ENE	2	b	38	85	7	-	-	0	-	10	•
Ross-on-Wye	1032.5	0	NNE	3	0	39	75	7	2500	Sr	10	-	10	•
Benson	1031.3	+1	N	4	0	40	92	7	-	SrCu	10	-	10	•
S. Farnborough	1030.7	0	NNE	3	0	41	85	7	1500	Sr	10	-	8	•
London (Kew Obsy.)	1030.5	+1	N'E	4	c	42	85	6	2500	SrCu	8	-	10	
Croydon	1030.2	+1	N'E	4	0	41	85	5	1500	SrCu	10	-	10	•
Clacton-on-Sea	1029.1	0	NNW	4	b-	42	85	7	-	-	0	ASr	2	1
Shoeburyness	1029.0	0	N'E	4	b	43	75	7	-	-	0	-	0	3
Grain	1029.1	0	N	5	b	43	85	7	-	-	0	-	0	•
Lympne	1027.8	+1	NNE	6	bc-	42	85	7	1500	Sr	5	-	5	•
Scilly (St. Mary's)	1033.0	0	ENE	1	b	45	75	8	4000	Cu	1	-	1	1
Falmouth (Pendennis)	1033.5	+2	NE	2	b-	39	85	7	-	-	0	-	0	0
Plymouth (Cattewater)	1032.8	0	-	0	b	39	85	6	-	-	0	-	0	0
Portland Bill	1030.5	-1	N'E	3	b-	42	85	7	-	-	0	-	0	0
Southampton (Calshot)	1030.8	+1	N	3	0-	42	85	6	2500	SrCu	10	-	10	0
Dungeness	1027.1	0	NE	5	b	43	97	8	-	-	0	-	0	4
Jersey 7h / Guernsey 1h	1029.7	0	N	4	bc	45	75	8	4000	SrCu	4	-	4	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 17th-18th °F	Temperature. Max. Day 18th °F	Rainfall.† Night 17h.-9h. 17-18 mm.	Rainfall.† Day 9h.-17h. 18 mm.	Sunshine. Sunrise to 17h. 18th hr.	Sunshine. Sunrise to Sunset 17th
Banff	o.crc	b.c.b	40	46	-	-	5.7	2.4
Montrose	c.bc	bc	36	45	-	-	3.7	5.3
Llandudno	b	b	33	47	-	-	10.7	7.8
Colwyn Bay	bc	bc.b	37	47	-	-	10.5	7.8
Rhyl	bc.b	b	32	46	-	-	11.0	7.8
Southport	d.c.bc	bc.c	36	48	-	-	7.8	8.8
Blackpool	bc	c	34	50	-	-	8.9	9.0
Harrogate	op.bc	cp	32	43	-	-	2.1	8.0
Skegness	bc.b	bc.c.o	37	47	0.4	0.2	5.6	9.9
Aberystwyth	c.b.b	b.bc	31	47	-	-	10.0	6.3
Bath	b.bc	b.bc.c	34	48	-	-	8.7	7.2
Leamington Spa	bc.c.b	o	32	45	-	-	4.2	4.1
Lowestoft	bc.c.p	o.d.	37	46	1	0.1	3.8	3.5
Felixstowe	cp	c.p.o.d.	34	49	-	1	6.7	2.9
Southend	c.bc	bc.c	34	49	-	-	5.6	4.3

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 17th-18th °F.	Temperature. Max. Day 18th °F.	Rainfall.† Night 18h.-9h. 17th-18th mm.	Rainfall.† Day 9h.-18h. 18 mm.	Sunshine. Sunrise to 17th-18th hr.	Sunshine. Sunrise to Sunset 17th
Paignton	b3	b.bc.b3	36	53	-	-	9.7	10.6
Ilfracombe	b	b	35	51	-	-	10.2	3.9
Bude	b	b	31	49	-	-	11.0	4.6
Penzance	bc	bc	38	52	-	-	11.0	8.7
Falmouth Observatory	b.bc	bcx	35	51	-	-	10.0	7.9
Torquay	b	b	35	52	-	-	10.5	8.6
Weymouth	b	b.c.b	34	52	-	-	9.6	?
Bournemouth	b.b.o	b	34	48	-	-	8.0	7.1
Portsmouth (Southsea)	bc	bc	36	49	-	-	5.8	7.9
Worthing	bc.c	co	34	49	-	-	5.6	4.1
Brighton	c	c	36	48	-	-	7.0	4.4
Eastbourne	c	c.o	35	50	-	-	4.0	3.9
Hastings	c.bc.oc	c.o.cop	35	48	-	0.3	45	3.7
Folkestone	oq	oq	36	51	0.4	-	3.7	5.9
Tunbridge Wells	oc.bc	c.o	34	50	-	-	1.9	4.1
Ramsgate	bc	bc	37	45	0.1	-	5.1	1.8
Margate	c.b.c.p.	b.c.o	39	46	1	0.2	3.8	2.6
Deal	bc	bc	37	48	1	-	4.3	

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than ¼ mm. ‡ For code see page 8. § See footnote page 1.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22064 Thursday 20th APRIL 1922.

Observations at 1300 G.M.T. 19

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	1031·4	-1	SSW	3	b	45	75	8	5750	StCu	1	–	1	*
Stornoway	1029·2	-2	SSW	5	b	51	65	7	–	–	0	–	0	*
Wick	1030·1	-2	SSE	3	b	46	85	8	–	–	0	Ci	4	*
Castlebay	1029·7	-1	S.E.	5	mbc-	46	92	6	1500	St	6	–	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1032·7	-1	SE'S	3	b	46	75	6	–	–	0	–	0	*
Malin Head	1029·2	-2	SSW	2	b+	55	85	7	–	–	0	Ci	2	*
Renfrew	1031·5	-3	–	0	b	53	55	6	–	–	0	CiSt	3	*
Edinburgh (Inchkeith)	1032·5	-1	ENE	2	b	47	75	8	–	–	0	–	0	*
Eskdalemuir	1031·5	-3	S	3	b	51	45	7	–	–	0	–	0	*
Tynemouth	1033·3	-1	ESE	1	b	42	85	8	–	–	0	–	0	*
Blacksod Point	1028·9	-1	S	6	PR+	47	97	6	<150	Nb	10	–	10	*
Donaghadee	1031·6	-2	SSE	2	b	47	75	7	–	–	0	–	0	*
Birr Castle	1030·5	*	S	1	c+	56	75	8	4000	Cu	7	–	7	*
Baldonnell	1031·4	-3	N.E	1	b	53	65	6	4000	Cu	1	–	1	*
Holyhead	1032·6	-2	N.W'N	3	b	47	75	7	–	–	0	–	0	*
Liverpool (Bidston)	1031·9	-3	N.W	1	b	46	65	6	–	–	0	–	0	*
Chester (Shotwick)	1031·5	-2	N.W	1	b	52	55	5	–	–	0	A.Cu	1	*
Spurn Head	1033·0	0	NNE	6	b	44	85	7	4000	Cu	7	–	7	*
Nottingham	1031·8	*	E	5	b	51	65	7	4000	Cu	1	Ci	2	*
Cranwell	1031·6	-1	N.E	3	b	50	65	6	2500	Cu	4	–	4	*
Gorleston	1029·7	+1	N.NE	6	b	45	75	7	4000	Cu	1	–	1	*
...														*
Valencia (Cahirciveen)	1030·2	-1	S'E	5	o+	50	75	7	1500	St	5	A.St	10	*
Roches Point	1032·1	-1	SSW	2	c	53	85	8	2500	StCu	6	Ci	7	*
Pembroke (St. Ann's H.)	1032·8	-1	SW	1	b	47	75	6	–	–	0	–	0	*
Ross-on-Wye	1030·8	-3	E'N	3	b	52	55	7	–	–	0	–	0	*
Benson	1030·3	-2	NE	4	bc-	54	55	8	–	Cu	5	–	5	*
S. Farnborough	1028·2	-1	NNE	3	bc+	56	35	8	4000	Cu	6	–	6	*
London (Kew Obsy.)	1029·1	-3	N.NE	4	bc	55	55	7	5750	Cu	4	–	4	*
Croydon	1029·2	-2	NE'E	5	b+	55	45	7	4000	Cu	3	–	3	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1029·0	0	N.E	4	b	55	45	8	7250	Cu	1	–	1	*
Grain	1029·4	-0	N.E	5	b+	51	65	8	4000	Cu	1	–	1	*
Lympne	1027·1	-1	NNE	6	b	56	65	8	–	–	0	A.St	1	*
Scilly (St. Mary's)	1031·6	0	NE	2	b	53	65	8	4000	Cu	2	–	2	*
Falmouth (Pendennis)	1031·5	-2	–	0	b+	50	75	7	4000	Cu	3	–	3	*
Plymouth (Cattewater)	1030·8	-1	SW'W	2	o+	47	75	7	4000	St.Cu	9	–	9	*
Portland Bill	1029·8	-1	N'E	3	b	51	65	7	–	–	0	–	0	*
Southampton (Calshot)	1029·2	-3	NNE	3	b	56	55	7	2500	Cu	2	–	2	*
Dungeness	1027·8	0	N.E	4	b	53	97	8	–	–	0	–	0	*
Jersey	1029·1	0	N	4	o-	47	75	8	4000	StCu	9	–	9	*

Observations at 1800 G.M.T. 19

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	1030·0	-2	SSW	3	b	43	85	8	5750	StCu	1	–	1	2
Stornoway	1027·8	-1	SSW	2	c+	49	65	7	1500	St	8	–	8	1
Wick	1028·4	-3	SSE	3	bc	44	97	8	–	–	0	Ci	4	1
Castlebay	1027·5	-1	SE	4	c-	47	92	6	1500	St	8	–	8	4
Nairn	1027·3	*	E	1	b	54	65	8	–	–	0	–	0	*
Aberdeen	1030·0	-2	S'E	2	b	41	85	6	–	–	0	–	0	0
Malin Head	1028·1	-1	–	0	b	49	97	7	5750	Cu	2	Ci	4	0
Renfrew	1029·6	-1	SW	1	b	51	65	7	–	–	0	–	0	*
Edinburgh (Inchkeith)	1029·7	-3	NNE	3	b	42	92	8	–	–	0	–	0	3
Eskdalemuir	1029·4	-2	SSW	3	b	51	55	8	–	–	0	–	0	*
Tynemouth	1031·0	-1	SE	2	b	41	92	8	–	–	0	–	0	1
Blacksod Point	1028·1	-1	SW	6	oPR	48	92	7	–	Nb	10	–	10	4
Donaghadee	1029·7	-1	S	2	b	46	75	8	–	–	0	–	0	0
Birr Castle	1028·6	*	SW	2	c+	56	75	8	2500	Cu	6	Ci	8	*
Baldonnell	1029·7	-1	ENE	1	b	52	75	6	–	–	0	–	0	*
Holyhead	1030·5	-2	NE'N	1	b	47	75	7	–	–	0	–	0	0
Liverpool (Bidston)	1029·9	-1	NNW	2	b	45	75	6	–	–	0	–	0	3
Chester (Shotwick)	1029·3	-1	WNW	3	b	46	75	6	–	–	0	A.St	1	*
Spurn Head	1031·0	-2	NE	3	bc	42	92	7	4000	StCu	1	Ci	5	4
Nottingham	1029·7	*	E	2	b	49	75	7	–	–	0	Ci	3	*
Cranwell	1030·1	-1	E'N	3	b	47	75	8	–	–	0	A.Cu	1	*
Gorleston	1028·8	-1	NEN	5	bc+	43	85	7	4000	Cu	5	–	5	
...														*
Valencia (Cahirciveen)	1029·5	-1	S'E	2	or₀r₀	46	92	6	800	St	10	–	10	1
Roches Point	1030·5	-2	SSW	3	c	50	92	8	4000	StCu	1	Ci	8	0
Pembroke (St. Ann's H.)	1030·7	-2	W	2	b	47	75	6	–	–	0	–	0	3
Ross-on-Wye	1028·9	-1	E'N	2	b	53	55	7	–	–	0	–	0	*
Benson	1029·0	-1	NNE	3	b	51	55	9	–	–	0	–	0	*
S. Farnborough	1028·5	-1	NNE	3	b	52	55	7	2500	Cu	1	–	1	*
London (Kew Obsy.)	1028·8	+0	N	4	b	52	55	6	7250	Cu	1	–	1	*
Croydon	1028·3	-0	N.E	5	b	51	55	7	4000	StCu	3	–	3	*
Clacton-on-Sea	1028·5	-1	NNE	4	b	50	57	7	2600	Cu	2	–	2	0
Shoeburyness	1029·2	-1	N.E	3	b	48	55	9	–	–	0	–	0	*
Grain	1026·4	-1	N.E.	4	b	47	75	8	–	–	0	–	0	3
Lympne	1028·0	0	NNE	6	b	45	65	9	–	–	0	–	0	*
Scilly (St. Mary's)	1031·0	-1	NNW	3	b	50	65	8	4000	StCu	1	–	1	4
Falmouth (Pendennis)	1030·4	-2	N.W	3	b	49	75	7	4000	Cu	2	–	2	0
Plymouth (Cattewater)	1030·5	-1	–	0	b	48	86	8	4000	St.Cu	1	–	1	0
Portland Bill	1028·0	-2	N'E	3	bc	55	75	7	1500	Cu	4	–	4	0
Southampton (Calshot)	1028·2	-0	NE'N	3	b	55	55	8	4000	Cu	1	–	1	0
Dungeness	1027·0	-1	N.E	4	b	49	65	8	–	–	0	–	0	4
Jersey	1027·8	-0	N.W	3	b	49	75	8	–	–	0	–	0	3

London Observations. (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 20)

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	bzbcy	bcbzc	boxfomw	*	*	21	–	–	10.5	*	*
Croydon (24 hours ended 0700)	ombzy	byb	bmxof	*	*	24	–	–	9.6	*	*
Greenwich (Royal Obsy.)	b	bbc	bxom	59	31	22	–	–	11.0	51	78
City (Bunhill Row)	*	*	*	*	*	*	*	*	10.2	*	*
Westminster (St. James' Pk.)	*	*	*						11.2		
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	11.0	*	–
Camden Sq.	b	b	*	59	32	31	–	–	*	*	77
Kensington Palace	bbc	bc	*	58	32	23	–	–	*	52 (18h.)	78
Hampstead Observatory	*	*	*	54	40	24	–	–	*	*	84

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 1800 G.M.T. 19th

South Kensington

Max.	Time.	Min.	Time.
0.3 0.3	18h-19h. 19h 10h	<0.3	19h 00-0500

Kew Observatory

Max.	Time.	Min.	Time.
<0.3	19th 00.00-24.00	<0.3	19th 00.00-24.00

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 19 20 h. 15 m. to 20 3 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	7-30	7-3	94
δ Ursae Minoris	7.30	6.34	88

Radio Disturbances (Atmospherics) at Croydon.*

Time.	Type.	No. per ? sec.	Stren.	Direc.
1h.	–			
13h.	–	–	–	–
6h.	–	–	–	–
9h.				

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

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.47 4.45	11.52 11.52	6.56 6.58
Greenwich	4.57 4.55	11.59 11.59	7.1 7.3
Wick	4.50 4.47	12.11 12.11	7.32 7.34
Valencia	5.37 5.35	12.46 12.46	7.42 7.44

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, 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_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 3

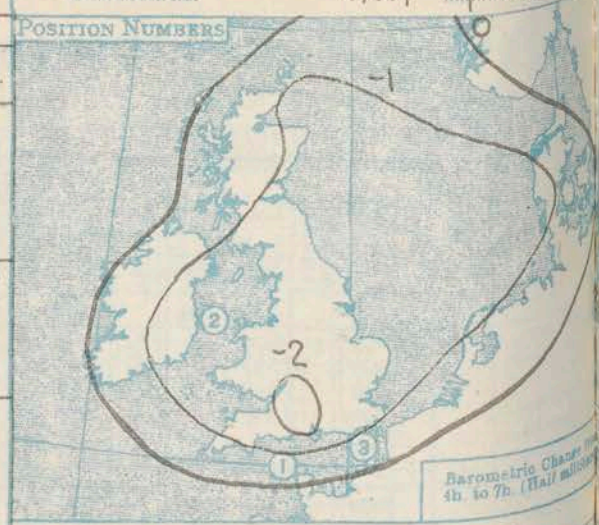
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 19th	13h.-18h. 19th	18h. 19th to 1h. 20th	1h.-7h. 20th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b.bc	b.bc	b.bc	b.bc	46	37	•	–	–	–	–	•
Stornoway	b.bc	c	c	c	52	44	•	–	–	–	–	8.6
Wick	b.bc	b.bc	b.bc	bFfe	47	30	•	–	–	–	–	•
Castlebay	bcm	cmo	dp.r.	r.o	47	46	•	–	1	–	–	7.1
Nairn		bz	bz	bz	56	31	•	–	–	–	–	13.0
Aberdeen	bfmm	bm	bm	bmf	46	34	26	–	–	–	–	13.3
Malin Head	b.bc	b.bc	odm	omr.	56	43	•	–	1	–	<2100	10.5
Renfrew	bfbm	b.bc	bm	bmcmx	56	27	20	trace	trace	–	–	9.7
Edinburgh (Inchkeith)	b.bc	b.bc	b.bc	f.m	49	36	32	–	trace	–	–	12.7
Eskdalemuir	b	by	bbx		54	22	17	–	–	–	–	11.4
Tynemouth	bm	b.bc	bm	ifm	46	33	27	–	–	–	–	•
Blacksod Point ...	r.d	p	c	b.bc	53	42	•	9	3	09.00	–	•
Donaghadee	bcm	bc	bm	cm	48	36	•	–	–	–	–	•
Birr Castle	co	co	co	orr	58	46	39	–	3	–	–	11.4
Baldonnell	b.bc	b.bc	bc	co	55	42	33	–	–	–	–	11.8
Holyhead	b.b	b.b	bbm	bmwc	?53	38	34	–	–	–	–	13.2
Liverpool (Bidston) ...	b.bc	b.bc	b.bc		50	37	30	–	–	–	–	10.9
Chester (Shotwick) ...	bmbz	c	bzbm	bccfm	58	33	29	–	–	–	–	•
Spurn Head	b.bc	b.bc	b.bc	bbc	45	36	•	–	–	–	–	5.5
Nottingham		b.bc	b	mx	54	30	21	–	–	–	–	10.4
Cranwell	c	b.bc	b.bcmm	f.m	52	28	21	–	–	–	–	10.9
Gorleston	bbc	bq	gcco	oo	46	36	36	–	–	–	–	13.0
Valencia (Cahirciveen)	co	omr	or	or.c	52	46	45	2	7	15.30	<2100	0.1
Roches Point	c	cbcc	co	omr	53	47	•	–	1	–	0330	•
Pembroke (St. Ann's H.)	b.bc	bz	b.bc	bbc	50	38	•	–	–	–	–	12.0
Ross-on-Wye	ocb	bybcyb	bw	bwmp	55	33	30	–	–	–	–	9.2
Benson...	bbc	b	b	bfx	56	29	20	–	–	–	–	•
S. Farnborough ...	b.bc	c	boffx	bcfx	57	26	19	–	–	–	–	8.7
London (Kew Obsy.) ...	bzbcy	bcbzc	b	oxfxbmw	55	31	21	–	–	–	–	10.5
Croydon	ombzy	byb	b.bcw	bwxof	56	30	24	–	–	–	–	9.6
Clacton-on-Sea ...	by	b	b	bom	54	35	31	–	–	–	–	13.4
Shoeburyness	b.bc	by	b	bbcox	55	31	27	–	–	–	–	13.0
Grain	bbc	b.bc	bbcco	b	51	32	32	–	–	–	–	13.1
Lympne	b.bc	bq	bq	bbc	51	35	33	–	–	–	–	12.6
Scilly (St. Mary's) ...	b	b	b	b	53	42	•	–	–	–	–	12.3
Falmouth (Pendennis)	bm	bm	bm	bm	53	40	•	–	–	–	–	12.4
Plymouth (Cattewater)	f	b.bc	b	b	52	37	?	–	–	–	–	10.3
Portland Bill	b	bc	c.b	b	57	40	•	–	–	–	–	•
Southampton (Calshot)	bc.b	bbc	b	b	58	36	32	–	–	–	–	11.6
Dungeness	b.bc	b.bc	b.bc	c	53	33	•	–	–	–	–	•
Jersey	bco	c	b	b	50	40	•	–	–	–	–	7.2

ISALLOBARS. 0700, April 20th

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	19th 1000	Cambria	SE'S	3	c	45	45
3	20th 0300	Brighton	NE'E	4	b.	44	47

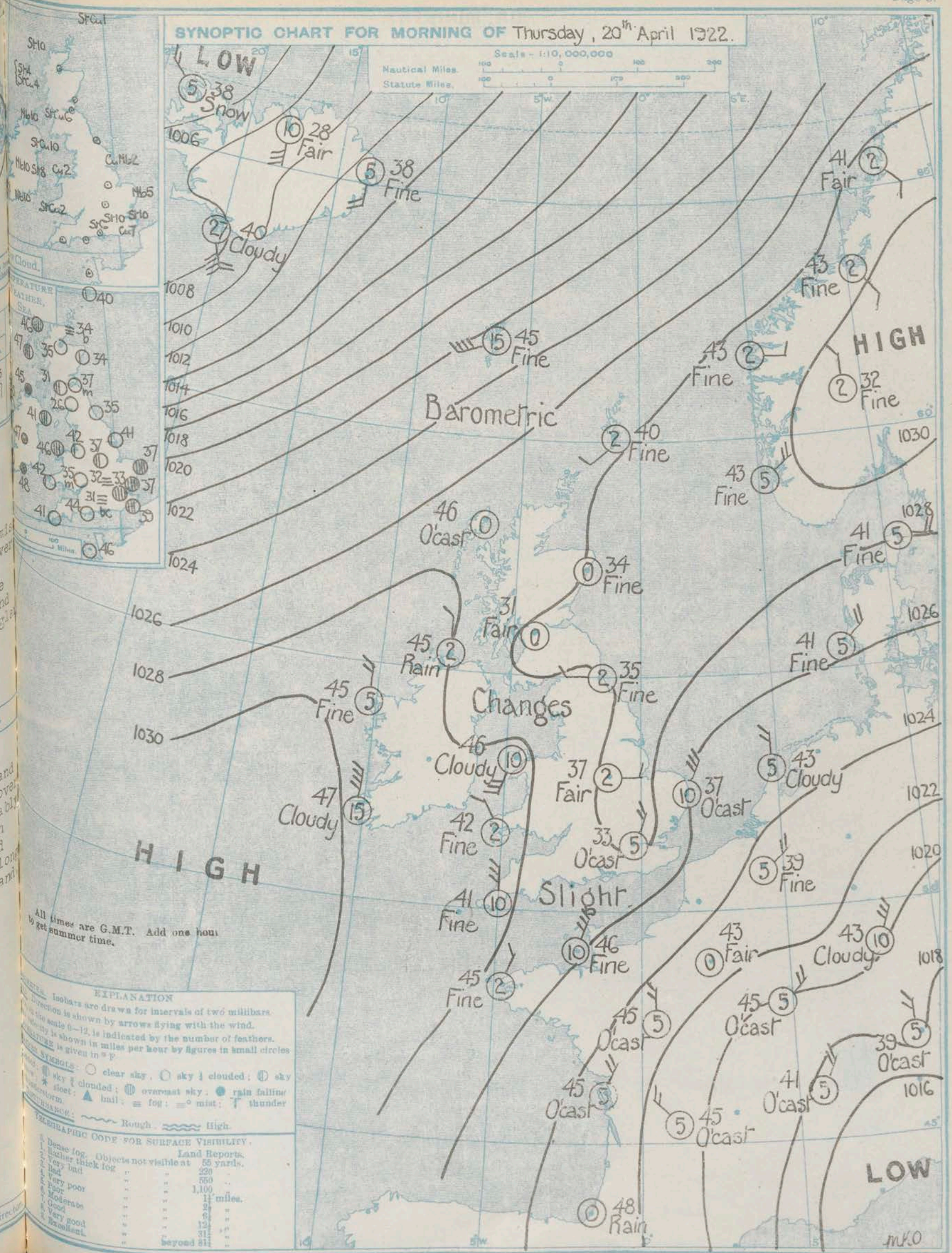
GENERAL INFERENCE.

The anticyclone still extends from the Azores to Norway and will maintain fair quiet weather generally with mist and slight frost at night. Over England, mainly fair and dry weather will probably continue for not less than four days and perhaps for longer over SE. England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 20th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light NE wind; fine; visibility good apart from mist at night; warmer than of late during the day but slight frost not improbable at night.	Mainly fair and dry weather over England probably not less than four days and perhaps for longer over SE. England. ---
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 indefinite breezes: fine; visibility good apart from mist at night; rather warm during the day, but slight frost at night.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Wind light and indefinite at first, then moderate to fresh from S. or SW; fair at first, local showers later; moderate temperature.	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light N. to NW. breezes; fair; visibility mainly good; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.45 GMT. C. 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 20th APRIL 1922. No. 110

Observations at 0100 G.M.T. 20

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	1028.9	-1	SW	2	b	39	92	7	-	-	0	-	0	•
Stornoway	1028.1	-2	SW	1	0	•	•	5	•	•	•	•	•	•
Wick	1027.1	-1	SSE	1	b	40	97	8	-	-	0	-	0	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1028.5	0	-	0	odd	43	97	5	4000	Nb	10	-	10	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1028.9	-2	W	1	mb	39	97	6	-	-	0	-	0	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1029.4	-2	SW	1	b	36	92	6	-	-	0	-	0	•
Blacksod Point	?	+1	NW	4	c	47	97	3	-	SrCu	8	-	8	•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1029.1	0	SW'S	1	c+	44	85	8	4000	SrCu	7	-	7	•
Holyhead	1029.5	-1	-	0	b	•	•	6	-	-	0	-	0	•
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1029.1	-1	NE	2	b	38	92	7	-	-	0	-	0	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1029.2	-1	NNE	1	b	32	97	5	-	-	0	-	0	•
Gorleston	1027.6	0	NNE	2	0+	40	92	7	-	-	0	A.Sr	10	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1029.4	+1	W'N	2	odd	48	97	?	?	?	?	?	?	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1030.1	-1	NNW	1	b	39	92	7	-	-	0	-	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	•	•	•	•	•	38	•	•	•	•	•	•	•	•
Croydon	1028.8	0	NE	1	b	34	97	7	-	-	0	-	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sheerness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1026.5	0	NE	5	b	38	92	8	-	-	0	-	0	•
Scilly (St. Mary's)	1029.8	-1	NNE	2	b-	45	85	8	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1029.3	-1	N	3	b	42	92	7	-	-	0	-	0	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1027.0	0	N'E	3	b-	50	85	7	-	-	0	-	0	•
Southampton (Calshot)	1027.4	-1	NNE	2	b	40	85	8	-	-	0	-	0	•
Dungeness	1027.5	0	ENE	4	b	41	97	8	-	-	0	-	0	•
Jersey 7h / Guernsey 1h	1029.0	0	NNW	1	mmb	46	85	6	-	-	0	-	0	•

Observations at 0700 G.M.T. 20

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	1027.9	0	SW	1	b	40	92	8	5750	Cu	1	Ci	2	0
Stornoway	1027.2	0	-	0	0+	46	97	7	800	Sr	10	-	10	0
Wick	1026.9	-1	W	1	ff b	34	97	2	-	-	0	Ci	1	0
Castlebay	1028.0	0	NW	2	c	47	96	6	1500	Sr	8	-	8	0
Nairn	1027.8	•	-	0	b	35	85	8	-	-	0	-	0	0
Aberdeen	1028.0	0	-	0	b+	34	92	3	-	-	0	A.Cu	1	•
Malin Head	1028.3	0	W	1	0f	45	97	7	4000	Nb	10	-	10	•
Renfrew	1028.3	-1	-	0	bc-	31	92	4	4000	SrCu	6	-	6	•
Edinburgh (Inchkeith)	1027.2	-1	WSW	2	mmb	37	92	4	-	-	0	-	0	2
Eskdalemuir	1028.4	0	-	0	b	26	85	7	-	-	0	A.Cu	1	•
Tynemouth	1027.8	-1	W	1	b	35	92	4	-	-	0	-	0	1
Blacksod Point	1029.3	0	N	2	b	45	85	9	-	-	0	A.Cu	2	•
Donaghadee	1027.6	-1	-	0	c+	41	97	7	1250	SrCu	7	-	7	0
Birr Castle	1028.5	•	NW	1	0f+	47	97	6	800	Nb	10	-	10	•
Baldonnell	1028.0	-1	SW	2	0	48	97	6	1500	Sr	8	A.Sr	8	•
Holyhead	1028.1	-1	SSW	3	c	46	92	7	2500	Cu	2	Ci	3	0
Liverpool (Bidston)	1027.7	-1	WNW	1	b	42	85	5	-	-	0	Ci Sr	7	•
Chester (Shotwick)	1026.6	-1	-	0	bc+	38	92	4	-	-	0	Ci	•	•
Spurn Head	1028.8	-1	-	0	b	41	92	5	2500	Cu Nb	2	A.Cu	3	3
Nottingham	1028.0	•	E	1	bc+	37	97	5	-	-	0	A.Cu	6	•
Cranwell	1027.8	+2	NE	1	mb+	34	97	4	-	-	0	-	0	•
Gorleston	1025.7	-1	NNE	3	0	37	97	7	4000	Nb	5	A.Sr	10	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1029.7	0	N	4	c+	47	85	8	1500	Sr	8	-	8	4
Roches Point	1028.6	-1	NW	1	odd	48	97	6	1500	Nb	10	-	10	0
Pembroke (St. Ann's H.)	1028.7	-1	NNW	1	b+	42	85	7	4000	SrCu	2	-	2	3
Ross-on-Wye	1027.6	-2	-	0	mb-	35	97	4	-	-	0	Ci	1	•
Benson	1028.3	0	NNE	2	fb-	32	97	2	-	-	0	-	0	•
S. Farnborough	1027.8	-1	-	0	f be	31	85	1	225	Sr	6	-	6	•
London (Kew Obsy.)	1028.0	0	N'E	2	0/f	33	92	4	2500	Sr	10	-	10	•
Croydon	1027.8	0	N	1	fo-	33	97	3	<150	Sr	10	-	10	•
Clacton-on-Sea	1026.9	?	N	3	0/f	37	92	6	-	-	0	A.Sr	10	1
Sheerness	1027.3	0	N	1	0	35	85	7	2500	Sr	10	-	10	•
Grain	1027.5	-1	-	0	0	35	97	6	2500	Sr	10	-	10	•
Lympne	1025.8	0	NNE	4	0+	36	97	6	450	Sr	10	-	8	1
Scilly (St. Mary's)	1028.0	-2	ENE	2	c-	47	75	8	4000	Cu	8	A.Cu	1	0
Falmouth (Pendennis)	1028.5	0	N	3	b	41	92	7	-	-	0	-	0	0
Plymouth (Cattewater)	1028.0	-1	-	0	b	40	92	6	-	-	0	-	0	0
Portland Bill	1027.0	-1	N'E	3	b	44	85	7	-	-	0	-	0	2
Southampton (Calshot)	1027.0	-2	N	2	b	38	85	7	-	-	0	-	7	0
Dungeness	1026.1	+1	ENE	3	cu	39	97	8	4000	Cu	7	-	0	0
Jersey 7h / Guernsey 1h	1026.1	0	NNE	3	b	46	75	8	-	-	0			

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 17-18 (18 °F 19)	Temperature. Max. Day 18 (19 °F)	Rainfall.† Night 17h.-9h. 17-18 (mm 18-19)	Rainfall.† Day 9h.-17h. 18 (mm 19)	Sunshine. Sunrise to 17h. 18 (hr. 19)	Sunshine. Sunrise to Sunset 17 (18)
Banff	b	b	29	56	–	–	11·9	8·0
Montrose	b	b	30	45	–	–	1·3	3·7
Llandudno	b	b	33	49	–	–	11·1	12·2
Colwyn Bay	bc	bc	32	48	–	–	10·9	12·4
Rhyl	bzb	b	31	47	–	–	11·0	11·8
Southport	b	bz	29	49	–	–	11·0	8·0
Blackpool	b	b	29	49	–	–	11·4	10·8
Harrogate	b	b	31	55	–	–	11·2	?
Skegness	obb	bbcb	40	46	–	–	7·6	5·6
Aberystwyth	b	b	32	49	–	–	11·0	11·7
Bath	obcb	bbc	40	56	–	–	6·5	8·7
Leamington Spa	bc	bc	37	54	–	–	8·7	4·2
Lowestoft	b	bbc	41	46	–	–	12·0	3·8
Felixstowe	bz	b	30	53	–	–	1·8	6·7
Southend	b	b	40	56	–	–	11·1	5·6

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 17-18 (18 °F 19)	Temperature. Max. Day 18 (19 °F)	Rainfall.† Night 17h.-9h. 17-18 (mm 18-19)	Rainfall.† Day 9h.-17h. 18 (mm 19)	Sunshine. Sunrise to 17h. 18 (hr. 19)	Sunshine. Sunrise to Sunset 17 (18)
Paignton	bc	bc bz	36	54	–	–	9·6	10·2
Ilfracombe	b	b	38	50	–	–	11·0	11·0
Bude	b	b	32	52	–	–	11·0	12·4
Penzance	bz	b	36	54	–	–	10·6	15·5
Falmouth Observatory	bz	bz	36	55	–	–	10·1	11·6
Torquay	b	b	37	55	–	–	11·2	10·5
Weymouth	b	b	38	59	–	–	11·5	8·0
Bournemouth	b	b	38	58	–	–	9·6	6·5
Portsmouth (Southsea)	b	b	41	59	–	–	10·3	5·6
Worthing	b	bc	40	58	–	–	9·9	7·0
Brighton	b	b	41	59	–	–	1·5	4·0
Eastbourne	b	b	41	58	–	–	0·9	4·5
Hastings	b	b	40	54	0·2	–	1·2	4·8
Folkestone	b	b	41	50	–	–	0·0	1·9
Tunbridge Wells	b	b	39	57	–	–	1·3	5·2
Ramsgate	b	b	40	47	–	–	0·1	3·8
Margate	b	b	43	46	trace	–	11·3	4·3
Deal	b	b	41	50	0·2	–		

* 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.22065. FRIDAY, 21st APRIL 1922. Page 1.

Observations at 1300 G.M.T. 20th / Observations at 1800 G.M.T. 20th

Stations	1300: 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)	1800: 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	1027·7	0	SSW	2	b	44	75	8	5750	StCu	1	–	1	*	1025·3	-2	S	3	b	43	85	8	7250	–	0	ACu	1	2
Stornoway	1027·3	-2	–	0	o	49	85	7	800	St	10	–	10	*	1023·9	-4	S	1	bc-	48	85	7	4000	Cu	4	–	4	0
Wick	1027·0	0	ESE	1	b/f	45	85	7	–	–	0	–	0	*	1024·6	-2	ESE	1	b	43	92	8	–	–	0	CiSt	3	0
Castlebay	?	-0	N.W	3	b	50	65	7	2500	St	1	–	1	*	1015·2	-1	WSW	3	b	49	85	7	–	–	0	–	0	3
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·7	–	E	2	b	48	75	8	–	–	0	–	0	*
Aberdeen	1027·6	-1	SSE	3	bc+	45	75	6	1500	St	6	–	6	*	1025·9	-2	SSE	2	b-	41	85	6	1500	St	1	–	1	0
Malin Head	1027·3	0	N	1	c-	48	97	7	4000	StCu	7	–	7	*	1025·5	-2	W	2	b-	48	97	7	4000	Cu	2	–	2	0
Renfrew	1026·0	-2	–	0	b	59	65	6	5750	Cu	1	–	1	*	1023·9	-2	W	2	bc+	55	75	6	2500	StCu	5	–	5	*
Edinburgh (Inchkeith)	1027·3	0	E	2	b/f	47	85	7	–	–	0	–	0	*	1025·1	-1	ENE	3	mb-	43	92	6	–	–	0	–	0	3
Eskdalemuir	1025·1	-2	SW	2	b	57	45	7	4000	Cu	2	–	2	*	1023·7	-1	SW	3	bc	55	55	7	4000	Cu	5	–	5	*
Tynemouth	1027·3	0	SE	2	b/f	45	65	6	–	–	0	–	0	*	1026·1	-1	SSE	1	b	43	85	7	–	–	0	–	0	0
Blacksod Point	1023·4	0	NW	2	bc	52	85	9	–	CuNb	4	–	4	*	1026·7	-2	W	2	bc	51	85	9	–	–	0	CiCu	5	0
Donaghadee	1027·3	0	NE	1	c	48	85	7	5750	Nb	6	ACu	8	*	1025·5	-2	NE	1	bc-	48	92	8	5750	StCu	2	ACu	5	0
Birr Castle	1028·1	*	N.W	1	o-	50	92	6	1500	Nb	9	–	9	*	1026·3	*	SE	1	c-	53	85	7	2500	St	8	–	8	*
Baldonnell	1027·8	-1	–	0	bc	51	85	6	2500	St	6	–	6	*	1026·6	-1	NW'N	1	o	50	92	7	2500	St	10	–	10	*
Holyhead	1027·1	-1	NW'N	3	b	49	85	7	2500	Cu	2	Ci	3	*	1025·9	-2	NNW	1	b	48	85	7	–	–	0	ACu	3	0
Liverpool (Bidston)	1026·2	-2	NW'W	2	b	49	65	7	4000	StCu	1	CiCu	3	*	1024·6	-1	NWN	?	b	49	75	7	–	–	0	–	0	3
Chester (Shotwick)	1025·6	-2	NW	3	b-	52	56	8	8000	Cu	2	CCu	4	*	1024·1	+1	NW	4	b	49	75	7	–	–	0	CiCu	1	
Spurn Head	1025·6	-2	NW	3	bc	52	75	8	7250	Cu	2	CiCu	4	*	1025·4	-1	ENE	3	bc	43	85	7	4000	StCu	3	Ci	5	3
Nottingham	1025·5	*	E	2	b	53	65	7	–	–	0	Ci	3	*	1024·4	*	E	3	c-	50	65	7	2500	Nb	3	Ci	7	*
Cranwell	1026·2	-2	N'E	2	bc+	53	55	7	2500	Cu	1	A.Cu	6	*	1015·3	+0	E	3	c-	48	55	6	4000	StCu	4	CiSt	8	*
Gorleston	1025·7	-1	NE	3	o	42	85	7	4000	StCu	9	–	9	*	1024·1	-1	NE	4	c-1	45	75	7	4000	Cu	3	A.St	5	0
Valencia (Cahirciveen)	1029·6	+1	NW'N	2	b	53	65	9	4000	Cu	4	–	4	*	1028·3	-2	NW'N	4	b	51	65	9	2500	Cu	1	ASt	3	1
Roches Point	1026·0	0	NW	1	o	52	92	8	1500	CuNb	10	–	10	*	1026·6	-2	NNW	1	c-	54	55	8	4000	StCu	8	–	8	0
Pembroke (St. Ann's H.)	1027·8	-1	W	2	bc	50	85	7	4000	Cu	1	CiSt	4	*	1026·1	+2	NW	2	b	48	85	7	–	–	0	–	0	3
Ross-on-Wye	1024·9	-3	NE'E	2	b	55	55	6	4000	Cu	2	–	2	*	1023·6	-2	E'S	2	b	53	65	5	–	–	0	Ci	3	*
Benson	1025·4	-3	N	2	b/f	54	55	8	–	–	0	–	0	*	1023·8	-1	NNE	2	o+	53	55	8	–	–	0	ASt	10	*
S. Farnborough	1025·2	-2	NNE	2	b	55	45	7	–	–	0	–	0	*	1023·6	-0	ENE	2	b+	55	45	8	–	–	0	Ci	3	*
London (Kew Obsy.)	1025·0	-4	N	3	b/f	53	45	6	–	–	0	–	0	*	1023·5	-1	N'E	3	bc+	55	45	5	5750	Cu	1	CiCu	6	*
Croydon	1029·5	-3	NE	2	b/f	51	55	6	4000	Cu	1	–	1	*	1023·4	-0	ENE	3	bc+	52	65	7	4000	Cu	1	CiSt	4	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·2	-1	ENE	4	c+	45	85	7	–	–	0	ASt	7	0
Shoeburyness	1025·5	-2	SE	3	b	47	65	7	–	–	0	Ci	2	*	1024·1	0	E	1	b+	49	65	7	–	–	0	CiCu	3	*
Grain	1025·7	-2	–	0	b	47	75	7	–	–	0	CiSt	1	*	1024·3	0	ENE	1	c+	43	85	8	–	–	0	CiCu	8	0
Lympne	1025·2	-2	N	4	b	49	65	8	1500	Cu	1	CiSt	4	*	1024·0	-1	NNE	4	bc+	45	75	8	–	–	0	ACu	4	*
Scilly (St. Mary's)	1028·1	0	NNE	2	bc-	53	65	8	4000	Cu	4	–	4	*	1026·2	-2	NNW	3	bc-	51	75	8	4000	Cu	4	–	4	1
Falmouth (Pendennis)	1027·1	-2	N	3	b	53	85	7	4000	Cu	3	–	3	*	1026·9	-3	N	4	b+	49	85	8	4000	Cu	2	A.St	1	0
Plymouth (Cattewater)	1026·3	-2	WSW	3	o	51	85	8	4000	StCu	15	–	10	*	1024·7	-1	NW	2	bc	50	75	7	2500	St	4	Ci	6	0
Portland Bill	1026·0	-1	–	0	b	50	55	7	–	–	0	–	0	*	1024·0	-2	WNW	2	b+	56	85	7	–	–	0	CiCu	3	0
Southampton (Calshot)	1026·2	-3	NNE	1	b	57	56	6	2500	Cu	1	–	1	*	1023·5	-1	SW	3	o+	49	75	7	–	–	0	CiCu	9	0
Dungeness	1025·3	-1	ESE	3	b	48	85	7	2500	Cu	1	–	1	*	1023·6	-3	E	3	bc+	49	97	7	–	–	0	CiCu	5	4
Jersey	1025·6	0	N	3	b	52	55	8	–	–	0	–	0	*	1024·2	-1	NW	4	bc	49	65	8	–	–	0	CiSt	4	3

LONDON OBSERVATIONS. 24 Hours ended 0900 G.M.T. 21st

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	bmwbz	bzybcy	b.bcwm	*	*	25	–	–	9.5	*	*
Croydon (24 hours ended 0700)	of bzy	bczy	bcwbom	*	*	25	–	–	9.4	*	*
Greenwich (Royal Obsy.)	b	b	box	58	33	22	–	–	9.8	47	79
City (Bunhill Row)	*	*	*	*	*	*	*	*	9.0	*	*
Westminster (St. James' Pk.)	*	*	*								
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	9A	*	–
Camden Sq.	b	b	*	60	35	30	–	–	*	*	80
Kensington Palace	b	bbc	*	58	36	27	–	–	*	(A/18h.)	77
Hampstead Observatory	*	*	*	55	33	26	–	–	*	*	79

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 20th

South Kensington

Max.	Time.	Min.	Time.
0.3 / 0.6	19th 20h / 20th 9h	<0.3	20th 1h

Kew Observatory

Max.	Time.	Min.	Time.
0.5 / 0.8	19th 20h / 20th 8h	<0.3	20th 15h

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 20 h. 15 m. to 21st 3 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	7.30	6.42	89
δ Ursae Minoris	7.30	6.26	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. 21st & 22nd Apl. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.45 / 4.43	11.52 / 11.52	6.58 / 7.0
Greenwich	4.55 / 4.53	11.59 / 11.59	7.3 / 7.5
Wick	4.47 / 4.45	12.11 / 12.11	7.34 / 7.36
Valencia	5.35 / 5.33	12.40 / 12.40	7.44 / 7.46

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

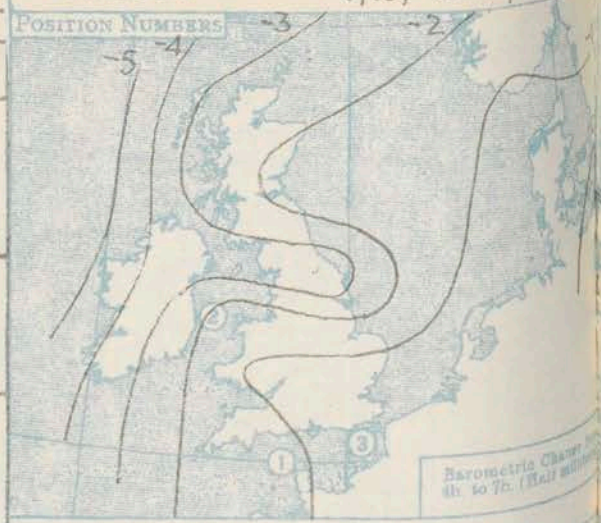
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	13h.-18h. 20th	18h. 20th to 1h. 21st	1h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	b.bc	b.bc	bbc	bbc	46	40	•	–	–	–	–	•
Stornoway	oo	c	b.bc	oo	52	37	•	–	–	–	–	3.3
Wick	bffmm	bcm	bbc	bm	46	36	•	–	–	–	–	•
Castlebay	ucb	b.bc	bc	bcrr	50	?	•	–	0.4	–	0230	10.5
Nairn	bz	bz	bbc	b	55	34	•	–	–	–	–	12.3
Aberdeen	bcmm	bcbm	bbcm	bcm	46	36	31	–	–	–	–	8.5
Malin Head	oo	b.bc	bbc	c	49	39	•	–	–	–	–	4.7
Renfrew	b.bc	bzybc	cm	ofw	61	36	31	trace	–	–	–	9.4
Edinburgh (Inchkeith)	f.m	c	bbc	oo	48	37	36	–	–	–	–	•
Eskdalemuir	bby	bybcy	bccb	bo	60	27	23	–	–	–	–	9.6
Tynemouth	f.m	m	bmf	oef	48	34	29	–	trace	–	–	•
Blacksod Point ...	b.bc	b.bc	oo	r.d	52	46	•	–	3	–	–	•
Donaghadee	c	cm	b	bcm	49	36	•	–	–	–	–	•
Birr Castle	r.d	co	co	co	54	39	29	0.1	–	<0800	–	0.9
Baldonnell	oo	o	obm	bbcc	51	37	33	–	–	–	–	0.2
Holyhead	c	b	bbw	bwcom	51	40	40	–	trace	–	–	9.9
Liverpool (Bidston) ...	b.bc	b.bc	omc		52	42	34	–	–	–	–	11.7
Chester (Shotwick) ...	c	b	bbcm	om	54	37	33	–	–	–	–	•
Spurn Head	b.bc	b.bc	bbc	bbc	50	37	•	–	–	–	–	9.4
Nottingham	b.bc	c	cb	cmx	55	31	31	–	–	–	–	6.5
Cranwell	b.bc	bcc	bcbm	bm	56	29	23	–	–	–	–	11.0
Gorleston	c	c	cobcb	bbc	44	40	36	–	–	–	–	2.2
Valencia (Cahirciveen)	cbcb	b	bbc	oir	53	43	37	–	1	–	0230	8.0
Roches Point	d.o	o oc	ob	bo	55	41	•	–	–	–	–	•
Pembroke (St. Ann's H.)	b.bc	b bc	bbc	bodm	52	41	•	–	0.6	–	0330	11.5
Ross-on-Wye	b bc	bcyz	bcmox	cmbmx	58	35	30	–	–	–	–	9.1
Benson	fb	b	o	bx	56	31	23	–	–	–	–	•
S. Farnborough ...	b bc	b v	bycbmx	bcfx	58	26	24	–	–	–	–	9.9
London (Kew Obsy.) ...	bmw bzy	bzy bybzy	bb	bcmxmw	56	34	25	–	–	–	–	9.5
Croydon	of bzy	bczyo	bcbw	bomw	55	31	25	–	–	–	–	9.4
Clacton-on-Sea ...	ocbcc		cbc	bcmx	46	34	29	–	–	–	–	9.1
Shoeburyness	b.bc	b.bc	bbcco	b	49	32	?	–	–	–	–	8.7
Grain	b.bc	bbbc	bbco	oom	48	30	28	–	–	–	–	7.7
Lympne	b.bc	b bc	bbc	bbccm	50	34	30	–	–	–	–	10.8
Scilly (St. Mary's) ...	bc	bc	b	bodb	54	47	•	–	0.1	–	–	8.0
Falmouth (Pendennis)	b m	bmbc	bbc	bbm	49	41	•	–	–	–	–	10.6
Plymouth (Cattewater)	c	c	f.m		56	33	?	–	–	–	–	6.5
Portland Bill	b.bc	b bc	bbcc	c	54	40	•	–	–	–	–	•
Southampton (Calshot)	b.bc	c	c	c	59	39	34	–	–	–	–	11.3
Dungeness	b.bc	b.bc	bbc	bzm	49	32	•	–	–	–	–	•
Jersey	b	b	bw	bwo	53	38	•	–	–	–	–	12.7

ISALLOBARS. 0700, 21st April

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	20th 1000	Cambria	S	1	c	47	46
3	21st 0200	Dieppe	N	2	bc	44	46

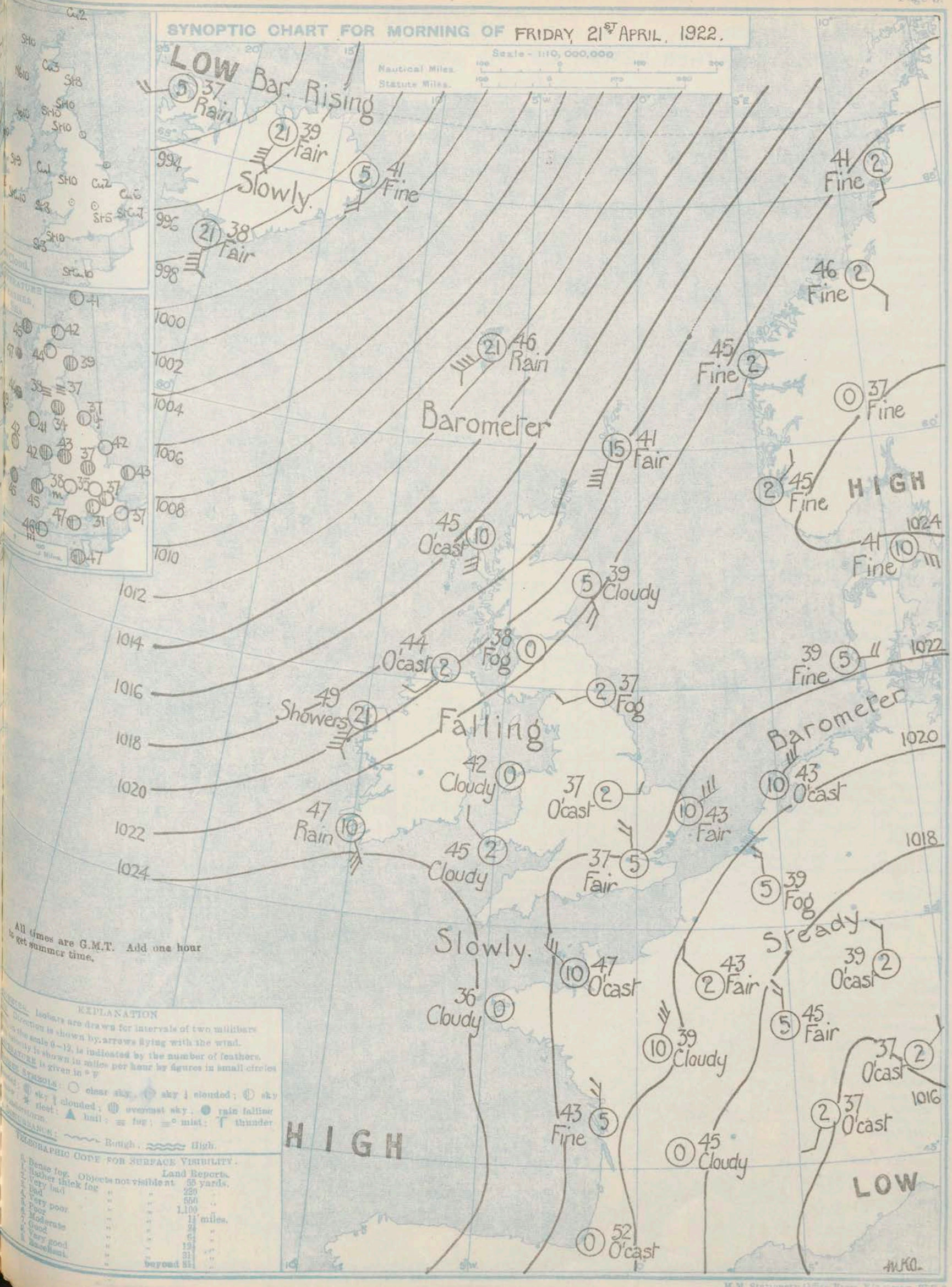
GENERAL INFERENCE.

The ridge of high pressure will maintain fair quiet weather over England as a whole for the next few days, with mist and slight frost at night in the South east and Midlands. The depression over Iceland will cause some showers in Ireland and Western Scotland, and perhaps in the extreme west of England later.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 21st April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light and indefinite, fine; visibility mainly good but mist at night; rather warm during the day but slight frost at night.	Mainly fair and dry for the next few days over England except possibly in the extreme West and North-west. -----
5. S.W. England 6. South Wales	Light North-west wind; fair; visibility mainly good; moderate temperature.	
7. North Wales 8. N.W. England	Light to moderate, indefinite to Southwesterly winds; varying amount of cloud; visibility moderate; rather mild	
9. N. Midlands 10. N.E. England 11. E. Scotland	As 1 - 4	
12. S.W. Scotland 13. Isle of Man	As 7 - 8	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland	Moderate to fresh SW. wind, strong at times on the coast; much cloud, some showers; visibility mainly good; rather mild.	
18. N.E. Ireland	As 7 - 8	
19. S.E. Ireland 20. S.W. Ireland	Light to moderate winds, mainly from West; much cloud, some showers; visibility moderate to good; rather mild	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.



H.M. Stationery Office Press, Kingsway, W.C.1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION... FRIDAY, 21st APRIL ... 1922. No. 111

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	1022.1	-3	SSW	4	bc+	41	75	8	3750	SrCu	4	-	4	*
Stornoway	1021.9	0	-	0	b	*	*	7	*	*	*	*	*	*
Wick	1020.9	-3	S	3	b	41	97	7	-	-	0	-	0	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1023.3	-3	S	1	b	40	97	7	-	-	0	CiCu	2	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1023.8	0	NNE	3	b	38	97	8	-	-	0	-	0	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1024.7	-2	SSE	1	fb	36	97	3	-	-	0	-	0	*
Blacksod Point ...	1023.7	-2	SW	5	0PR+	48	92	3	-	Nb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1024.9	-2	SW'S	1	b-	43	97	6	-	-	0	A Sr	1	*
Holyhead	1024.5	-1	W'N	1	b	*	*	7	-	-	0	-	0	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1025.1	0	ENE	2	b	39	92	8	-	-	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1025.1	-1	NW'N	1	b	35	97	6	-	-	0	-	0	*
Gorleston	1023.3	-1	E'N	3	b	41	92	8	-	-	0	-	0	*
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1025.7	+1	W	3	0+	46	92	4	-	-	0	A Sr	9	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1024.6	-1	NNW	2	b	44	92	7	-	-	0	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Croydon	1023.8	-1	-	0	b	33	92	7	-	-	0	-	0	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1022.8	-1	N	3	b	37	97	8	-	-	0	-	0	*
Scilly (St. Mary's) ...	1025.0	-3	NW'N	3	b-	48	92	8	4000	SrCu	1	-	1	*
Falmouth (Pendennis)	1024.9	-2	NNE	2	b	46	92	7	-	-	0	-	0	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1022.8	0	N'N	3	bc+	50	85	7	1500	SrCu	6	-	6	*
Southampton (Calshot)	1023.4	-1	NE	1	C	44	85	7	-	-	0	A Sr	8	*
Dungeness	1022.8	-1	N	2	b	38	97	8	-	-	0	-	0	*
Jersey 7h / Guernsey 1h	1023.0	-1	SSW	1	b-	45	85	6	4000	Sr	2	CiSr	3	*

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	1019.4	-3	SSW	4	bc+	41	85	8	4000	Cu	2	ACu	6	3
Stornoway	1016.4	-3	S	3	0	45	92	6	450	Sr	10	-	10	0
Wick	1018.0	-3	SSW	2	b	42	97	6	-	-	0	CiSr	3	1
Castlebay	1017.4	-3	S	4	0rr	47	92	6	800	ND	10	-	10	1
Nairn	1018.7	*	-	0	b+	44	92	8	4000	Cu	3	-	3	1
Aberdeen	1021.1	-2	S'E	2	C+	39	85	6	1500	Sr	8	-	8	0
Malin Head	1019.9	-3	SW	1	0jp	44	97	7	4000	Nb	10	-	10	*
Renfrew	1021.6	-2	-	0	ffo	38	97	2	2500	Sr	10	-	10	*
Edinburgh (Inchkeith)	1022.2	-2	NW	2	fo	37	97	2	-	Sr	10	-	10	*
Eskdalemuir	1022.4	-1	-	0	0+	34	85	6	1500	Sr	10	-	10	*
Tynemouth	1022.4	-3	WSW	1	ifbc	37	92	3	-	-	0	CiCu	3	0
Blacksod Point ...	1018.9	-5	SSW	5	0PR+	49	92	7	-	Nb	10	-	10	4
Donaghadee	1022.0	-2	W	2	b-	41	85	8	-	-	0	CiCu	3	*
Birr Castle	1022.5	*	SE	1	0+	42	97	6	2500	Sr	9	-	9	*
Baldonnell	1022.7	-2	SW	2	C	43	97	8	-	-	0	CiSr	8	0
Holyhead	1022.9	-2	-	0	C	42	97	5	2500	Cu	1	ACu	1	0
Liverpool (Bidston) ...	1022.2	-2	W	2	0+	43	97	5	1500	Sr	10	-	10	0
Chester (Shotwick) ...	1021.7	-1	W	3	0	43	92	4	450	Sr	10	-	*	*
Spurn Head	1022.7	-3	-	0	b	42	92	6	-	-	0	-	0	*
Nottingham	1022.9	*	E	1	0+	37	97	5	-	-	0	ASr	10	*
Cranwell	1023.1	-2	N'E	1	b/f	38	97	6	4000	Sr	2	CiSr	3	*
Gorleston	1021.9	-1	NE'E	3	bc+	43	75	8	4000	Cu	6	-	6	0
Valencia (Cahirciveen)	1023.6	-4	SSE	3	0rr	47	92	6	800	Sr	6	ASr	10	3
Roches Point	1023.8	-1	NW	1	0	45	92	7	4000	SrCu	10	-	10	0
Pembroke (St. Ann's H.)	1023.0	-2	NW	1	c/r	45	97	6	1500	Sr	8	-	8	0
Ross-on-Wye	1022.2	-1	-	0	m0-	38	85	6	-	-	0	-	0	*
Benson...	1022.2	-1	NNE	1	b	35	97	5	-	-	0	-	0	*
S. Farnborough ...	1022.8	-1	ENE	1	bc+	31	97	3	-	-	0	Ci	6	*
London (Kew Obsy.)...	1022.5	-1	N	2	bc	37	85	6	4000	Sr	5	Ci	6	*
Croydon	1022.5	-2	NNE	2	0	38	92	4	1500	Sr	10	-	10	0
Clacton-on-Sea ...	1021.8	-1	N	3	mbc-	39	92	6	2500	Cu	2	Ci	6	*
Shoeburyness	1022.1	0	NE	3	0-	40	85	6	2500	SrCu	7	ACu	9	0
Grain	1022.3	-2	N	1	0	39	92	6	2500	Sr	10	-	10	*
Lympne	1021.2	-1	N	5	C+	37	97	6	450	Sr	7	CiSr	8	0
Scilly (St. Mary's) ...	1023.0	-3	NNW	3	0-	48	97	8	4000	SrCu	9	-	9	3
Falmouth (Pendennis)	1022.6	-2	NNE	3	mb-	46	85	6	4000	Sr	3	-	3	0
Plymouth (Cattewater)	1022.3	-2	-	0	0	43	97	7	1500	Sr	10	-	10	0
Portland Bill	1020.9	-2	-	0	bc	47	85	6	-	-	0	ASr	6	0
Southampton (Calshot)	1021.8	-1	NNE	1	bc	41	75	6	-	-	0	CiSr	4	0
Dungeness	1021.2	-1	N	2	b	37	97	6	-	-	0	-	0	2
Jersey 7h / Guernsey 1h	1020.7	-1	NW	3	0	47	92	8	2500	SrCu	10	-	10	0

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 19h-20h	Temperature. Max. Day 20h	Rainfall.† Night 18h.-9h. 19-20h	Rainfall.† Day 9h.-18h 20h	Sunshine. Sunrise to 17h 20h	Sunshine. Sunrise to Sunset 19h
			°F	°F	mm.	mm.	hr.	
Banff	7 c 7	7	32	43	—	—	11·1	13·0
Montrose								
Llandudno	7 c 7	7	36	53	-	-	9·9	12·5
Colwyn Bay ...	7c	7c 7	38	53	—	—	10·0	12·2
Rhyl...	7 c 7	7	35	51	—	—	8·8	12·5
Southport	7 c 7	c	34	51	-	-	10·0	12·1
Fleetwood								
Harrogate	7 z	7	32	56	—	—	10·1	12·5
Skegness	x 7	7 c0c	30	47	—	-	10·7	9·1
Aberystwyth ...	7	7c	35	50	-	-	7·7	?
Bath	7	7 z	32	53	-	-	8·9	7·3
Leamington Spa ...	7z	c 0 0	30	56	-	-	6·5	?
Lowestoft	0 c	c 0 c	36	43	—	-	1·2	12·7
Felixstowe	7	7	33	45	-	-	9·6	13·5
Southend	c 7 c	7c	32	50	-	-	7·6	12·6

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 19-20	Temperature. Max. Day 20	Rainfall.† Night 18h.-9h 19-20	Rainfall.† Day 9h.-18h 20	Sunshine. Sunrise to 17h 20	Sunshine. Sunrise to Sunset 19
			°F.	°F.	mm.	mm.	hr.	
Paignton	7 m	7 7 c z	35	58	—	—	11·1	10·0
Ilfracombe	7c	7c	36	50	—	—	10·8	12·1
Bude	z w x 7	7	32	51	—	—	10·5	11·9
Penzance	7	7 7 c	33	56	—	—	10·5	12·2
Falmouth Observatory	7	7c	40	50	—	—	10·6	13·5
Torquay	7	7	39	57	—	—	10·3	11·5
Weymouth	7	70	37	58	—	—	9·1	12·0
Bournemouth ...	7	70	32	56	—	—	10·4	11·2
Portsmouth (Southsea)	7	7	36	58	—	—	11·6	10·5
Worthing	7	7	35	54	—	—	11·6	11·5
Brighton	7	7	36	52	—	—	11·7	11·3
Eastbourne	7	7	35	51	—	—	11·9	13·0
Hastings	7	7	34	53	—	—	11·2	12·7
Folkestone	7	7	38	52	0·2	—	11·3	13·0
Tunbridge Wells ...	7	7 c z	32	55	—	—	8·4	11·5
Ramsgate	7c	7	—	—	—	—	7·4	13·9
Margate	0	7	38	45	—	—	4·8	12·5
Deal ...	0 c 7 c	7	36	48	—	—	5·5	12·0

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22066 Saturday, 22nd APRIL 1922.

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	1017.7	-2	SSW	4	o	43	85	7	-	-	0	A.St.	10	•
Stornoway	1014.5	-3	WNW	3	oPR	46	92	6	450	St.	10	-	10	•
Wick	1015.8	-3	SSE	3	bc	47	85	6	5750	Cu	1	Ci.St	5	•
Castlebay	1016.5	0	SW	3	o/r	44	85	6	800	St.	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1018.3	-3	S	3	o+	43	85	5	800	St.	10	-	10	•
Malin Head	1017.4	+1	W	1	orr	45	97	6	4000	Nb	10	-	10	•
Renfrew	1018.1	-5	SW	3	o+	55	55	7	2500	St.Cu	3	Ci.St	6	•
Edinburgh (Inchkeith)	1019.0	-5	E	1	mbc-	45	85	5	-	-	0	Ci.St	6	•
Eskdalemuir	1018.4	-4	SW	4	bc	52	65	7	4000	Cu	5	-	5	•
Tynemouth	1019.3	-3	SSE	3	bc/f	47	85	8	-	-	0	A.St.	4	•
Blacksod Point	1019.2	0	NNW	5	bc	52	75	8	-	-	0	A.St.	6	•
Donaghadee	1019.0	-2	WNW	1	o+	51	75	8	5750	St.Cu	9	-	9	•
Birr Castle	1020.3	•	SW	1	or₀r₀	49	92	6	1500	Nb	10	-	10	•
Baldonnell	1020.9	-2	SSW	3	or₀	49	92	7	1500	St.	10	-	10	•
Holyhead	1020.5	-3	NW'N	3	b/f	49	75	8	2500	Cu	1	Ci.St	2	•
Liverpool (Bidston)	1019.7	-3	WNW	2	bc+	49	75	6	4000	St.	3	Ci.Cu	5	•
Chester (Shotwick)	1019.0	-3	WNW	3	o+	52	65	8	5750	St.Cu	10	-	10	-•
Spurn Head	1020.7	-2	ENE	2	b	50	85	8	-	-	0	-	0	•
Nottingham	1019.4	•	E	1	b+	53	55	7	4000	Cu	1	Ci.St	2	•
Cranwell	1020.2	-4	E	1	b	54	55	8	2500	Cu	1	-	1	•
Gorleston	1020.5	-1	E	3	b-	49	75	8	4000	Cu	2	-	2	•
Valencia (Cahirciveen)	1022.7	+1	NW	4	bc-	51	75	8	1500	St.Cu	5	-	5	•
Roches Point	1021.5	-4	SSW	2	or₀r₀	48	97	6	1500	Nb	10	-	10	•
Pembroke (St. Ann's H.)	1021.9	-1	NNW	2	bc	51	85	6	4000	Cu	6	-	6	•
Ross-on-Wye	1019.3	-3	NNW	3	c+	53	65	7	5750	St.Cu	7	Ci.	8	•
Benson	1019.2	-6	N	2	b	51	55	8	-	Cu	1	Ci.	2	•
S. Farnborough	1019.3	-4	ENE	2	c+	53	55	7	-	-	0	A.Cu	8	•
London (Kew Obsy.)	1019.0	-6	E	1	bc	51	55	5	4000	Cu	5	-	5	•
Croydon	1019.8	-4	NE	2	c	51	55	7	4000	Cu	5	Ci.	7	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1020.0	-3	E'S	1	b	48	65	8	-	-	0	Ci.	2	•
Grain	1019.7	-3	ENE	2	b-	47	75	8	4000	Cu	2	-	2	•
Lympne	1019.2	-2	E	3	c	47	65	8	2500	Cu	7	A.St	8	•
Scilly (St. Mary's)	1022.8	0	NW	4	c	53	75	8	4000	Cu	1	Ci.Cu	8	•
Falmouth (Pendennis)	1021.4	-2	NNW	4	o+	52	85	7	4000	Cu	10	-	10	•
Plymouth (Cattewater)	1019.2	-4	N'W	3	bc+	56	65	6	2500	Cu	6	-	6	•
Portland Bill	1020.2	-1	S	3	b-	51	85	6	-	-	0	Ci.Cu	2	•
Southampton (Calshot)	1019.2	-4	NNW	2	o+	52	55	8	4000	St.Cu	10	-	10	•
Dungeness	1019.7	-3	E	3	bc-	50	75	8	-	-	0	A.Cu	5	•
Jersey	1020.0	-1	NW	2	o	53	65	8	-	-	-	Ci.St	10	•

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	1015.5	-1	SSW	5	bc	43	85	7	4000	Cu	1	A.Cu	4	4
Stornoway	1013.6	0	W	3	o/r	45	85	6	450	St.	10	-	10	2
Wick	1014.1	-1	NW	3	o/f	48	85	7	4000	St.Cu	7	Ci.Cu	2	0
Castlebay	1015.8	0	W	3	c	48	75	7	2500	St.Cu	2	A.St	6	3
Nairn	1014.7	x	-	0	c+	49	75	8	1500	St.Cu	8	-	8	•
Aberdeen	1016.5	-2	S'W	3	b	44	75	7	5750	St.Cu	3	-	3	0
Malin Head	1017.0	0	WSW	2	b/r	47	85	8	4000	Cu	2	Ci.Cu	3	!
Renfrew	1016.5	-2	-	0	or₀r₀	47	85	7	2500	St.Cu	10	-	10	•
Edinburgh (Inchkeith)	1016.2	-2	N	3	bc+	44	92	6	-	St.C.	5	-	5	2
Eskdalemuir	1016.2	-3	SW	3	c	49	65	8	2500	St.Cu	6	-	6	•
Tynemouth	1017.1	-3	S	3	c+	44	85	7	4000	St.Cu	8	-	8	0
Blacksod Point	1018.5	-1	W'S	5	cpr₀	48	97	9	<150	Cu	7	-	7	3
Donaghadee	1017.4	-2	WSW	1	or	47	97	7	1500	St.	10	-	10	0
Birr Castle	1019.2	•	W	2	bc	51	75	7	2500	Cu	4	-	4	•
Baldonnell	1018.6	-2	W'N	2	o/r	46	85	7	1500	St.Cu	8	A.St	9	•
Holyhead	1018.0	-3	SW	2	or₀	49	85	7	2500	St.	9	-	9	0
Liverpool (Bidston)	1017.3	-2	WNW	3	b	48	85	6	-	-	0	-	0	2
Chester (Shotwick)	1016.8	-3	SSW	4	bc	49	85	9	7250	St.Cu	2	A.Cu	3	•
Spurn Head	1018.1	-2	ESE	2	b	45	85	8	-	-	0	Ci.St	2	
Nottingham	1016.6	•	S	1	o+	52	55	6	2500	St.Cu	10	-	10	•
Cranwell	1017.7	-2	E	1	c+	50	55	8	2500	Cu	5	A.Cu	7	•
Gorleston	1018.5	-2	E	3	b+	44	85	8	4000	Nb	3	-	3	1
Valencia (Cahirciveen)	1022.5	0	WNW	4	b	50	75	8	2500	St.Cu	1	A.Cu	2	4
Roches Point	1020.6	-1	NW	4	c+	50	85	8	2500	St.Cu	7	-	7	0
Pembroke (St. Ann's H.)	1019.8	-2	W	1	c	47	92	8	1500	St.	8	-	8	3
Ross-on-Wye	1016.6	-2	E'N	2	o	51	65	8	2500	St.	10	-	10	•
Benson	1016.3	-3	NNE	1	b	53	55	9	-	-	0	Ci.Cu	2	*
S. Farnborough	1016.6	-3	NNW	1	b	55	55	7	-	Cu	2	Ci.Cu	3	•
London (Kew Obsy.)	1016.3	-3	-	0	c	53	85	7	7250	St.Cu	3	A.Cu	4	•
Croydon	1017.0	-3	S'E	1	o+	51	55	6	5750	St.Cu	9	-	9	•
Clacton-on-Sea	1017.3	-2	ESE	3	bc	46	85	7	4000	Cu	5	-	5	0
Shoeburyness	1017.8	-2	E	2	c+	45	75	8	7250	Cu	3	A.Cu	7	•
Grain	1017.6	-2	E	2	c+	46	75	8	2500	St.Cu	8	-	8	0
Lympne	1017.1	-2	ESE	3	c	45	75	6	4000	St.Cu	3	Ci.Cu	7	•
Scilly (St. Mary's)	1020.5	-2	NW'W	4	od₀	49	92	8	4000	St.Cu	5	A.Cu	10	4
Falmouth (Pendennis)	1019.7	0	N	4	c+	48	85	9	4000	Cu	8	-	8	0
Plymouth (Cattewater)	1018.4	-1	NW	4	c-	50	85	8	1500	Cu	6	-	6	0
Portland Bill	1017.7	-2	-	0	b	50	85	6	-	-	0	Ci.Cu	3	0
Southampton (Calshot)	1017.4	-1	SW'S	2	o	47	75	7	4000	St.Cu	4	A.Cu	7	0
Dungeness	1017.5	-2	E	3	b+	47	75	8	-	-	0	A.Cu	2	2
Jersey	1018.0	-1	WNW	2	o	51	85	7	2500	St.Cu	10	-	10	0

LONDON OBSERVATIONS

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. 22nd								Yesterday.		To-day.
Kew	bcm/b	bczbzy	czyofr	•	•	29	-	1	7.2	•	•
Croydon (24 hours ended 0700)	ocm/z	obczy	ozydc	•	•	35	-	1	8.2	•	•
Greenwich (Royal Obsy.)	cbc	bcb	cbcorr	56	37	26	-	2	6.2	85	55
City (Bunhill Row)	•	•	•	•	•	•	•	•	•	•	•
Westminster (St. James' Pk.)	•	•	•	54	40	32	-	2	5.3	52	87
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	4.3	•	-
Camden Sq.	o	b	•	58	41	31	-	2	•	×	89
Kensington Palace	bcz	oc	•	55	41	31	-	2	•	63 (18h.)	87
Hampstead Observatory	•	•	•	53	40	30	-	2	7.3	•	97

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6 / 0.6	2000 20th / 0900 21st	0.3	0100 21st

Kew Observatory Max.	Time.	Min.	Time.
1.0 / 0.8	19h 20th / 12h 21st	0.3	23h 20th

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 20 h. 15 m. to 22nd 3 h. 46 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	7.30	4.27	59
δ Ursae Minoris	7.30	4.4	54

RADIO DISTURBANCES (Atmospherics) AT CROYDON.

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

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

22nd & 23rd Apl. 1922

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.43 / 4.41	11.52 / 11.51	7.0 / 7.1
Greenwich	4.53 / 4.51	11.59 / 11.58	7.5 / 7.6
Wick	4.45 / 4.43	12.11 / 12.10	7.36 / 7.38
Valencia	5.33 / 5.31	12.40 / 12.39	7.46 / 7.48

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 ₀ 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, 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

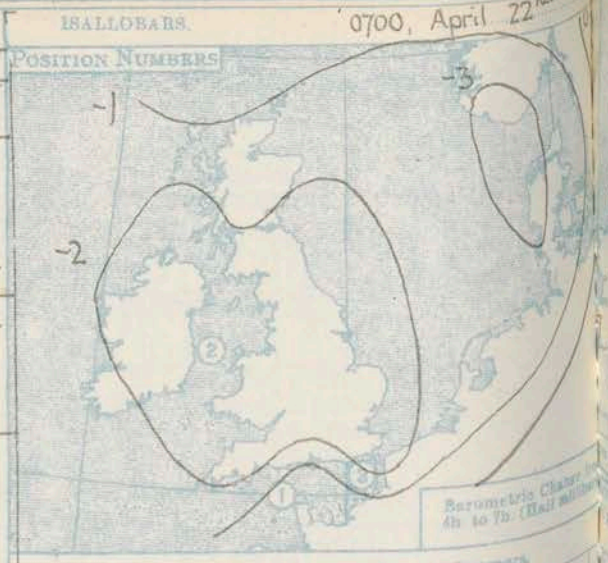
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 21st	18h.-18h. 21st	18h. 21st to 1h. 22nd	1h.-7h. 22nd	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	oo	c	oo	r.d	45	40	•	-	?	-	0630	•
Stornoway	p	p	bbc	b	46	39	•	2	-	<0800	-	0.0
Wick	bcm	bcmo	od.d.	od.d.	49	41	•	-	0.5	-	2200	•
Castlebay	rro	oc	cb	bopb	48	42	•	2	0.2	-	-	2.7
Nairn	bcc		d.o	og	51 61	37	•	-	1	-	<2100	7.3
Aberdeen	cmom	ocmb	b	bbm	46	38	34	-	-	-	-	8.4
Malin Head	olrir	orrc	b.bc	bbc	48	41	•	4	-	<0800	-	2.4
Renfrew	co	oid.r.r	or.rmo	~~fofom~~	55	35	30	trace	0.6	-	<2100	4.8
Edinburgh (Inchkeith)	F	m	oo	r.d	48	41	39	-	2	-	0430	4.8
Eskdalemuir	ombcz	c	bco	r.o	54	39	37	-	0.4	-	0230	6.3
Tynemouth	bcif	bc	cm	cr.m	48	41	39	-	0.1	-	0430	•
Blacksod Point ...	c	c		oo	59	46	•	1	-	-	-	•
Donaghadee	bo	bir.	bcc	bc	54	36	•	0.5	1	1430	<2100	•
Birr Castle	or.r.	oirco	bc	bcco	53	34	26	2	3	1100	-	3.0
Baldonnell	r.d	oir.	b.bc	bbc	50	35	32	0.3	-	1230	-	2.1
Holyhead	cobmif	bbcco	or.d.b	b	54	43	43	-	trace	-	<2100	6.8
Liverpool (Bidston) ...	obc	b		cr	51	42	35	-	3	-	0130	6.6
Chester (Shotwick) ...	oo	ocb	bom	orRacq	52	41	35	-	3	-	0230	•
Spurn Head	b.bc	b.bc	bbc	c	51	40		-	-	-	-	12.7
Nottingham	b.bc	b.bc	o	mgr.	55	42	41	-	0.6	-	0330	7.5
Cranwell	bcbm	bbc	com	om or	55	37	35	-	0.1	-	0630	11.6
Gorleston	cbcbv	b.or.bc	bv	bvx	49	37	29	-	-	-	-	12.0
Valencia (Cahirciveen)	orc.bc	bc.b	bcp	olr.	52	45	40	0.2	1	<0800	<2100	6.1
Roches Point	or.r.	r.bc	cb	dwo	52	41	•	1	0.2	0900	-	•
Pembroke (St. Ann's H.)	cm	c	opcbc	bbc	52	43	•	-	0.2	-	<2100	6.0
Ross-on-Wye	bzbczc	oco	ogr.	oc	54	44	40	-	1	-	2200	7.3
Benson...	b	b	o	or.r	56	41	35	-	2	-	0330	•
S. Farnborough ...	bc.cm	cybcy	byc	crrorm	57	37	30	-	1	-	2400	9.9
London (Kew Obsy.) ...	bcmvbz	bc3.b3y	czy	b.boofr	54	39	29	-	1	-	0230	7.2
Croydon	ocmz	obc3y	ozy	bo.bomd.r	54	39	35	-	1	-	0530	8.2
Clacton-on-Sea ...	bc	bc	bc	cbc	49	43	39	-	-	-	-	10.8
Shoeburyness	bbc	b.bcc	co	om	49	35	?	-	-	-	-	7.7
Grain	ocbcb	bbcco	cococ	cold.	49	40	29	-	trace	-	-	8.4
Lympne	cmc	c.bcm	occolm	or.	49	39	34	-	trace	-	0530	~~7.5~~ 7.8
Scilly (St. Mary's) ...	c	odo	ocdqs	bcqs	54	45	•	0.1	0.1			4.3
Falmouth (Pendennis)	bmbco	ombc	bcmr	bcp	53	43	•	-	1	-	<2100	5.7
Plymouth (Cattewater)	b.bc	b.bc	b.p	bbc	51	44	39	-	0.3	-	2200	8.3
Portland Bill	cbc	bc	bc					-		-		•
Southampton (Calshot)	c	c	c	rr	54	44	43	-	1	-	0330	7.9
Dungeness	c	b.orbc	c	r.r.	50	43	•	-	trace	-	0630	•
Jersey	obc.o	o.c.o	o	opbc	54	46	•	-	0.2	-	0430	2.0

ISALLOBARS. 0700, April 22nd.

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	21st 1000	Cambria	W'N	2	b	48	47
3	22nd 0300	Brighton	W	1	c	46	48

GENERAL INFERENCE.

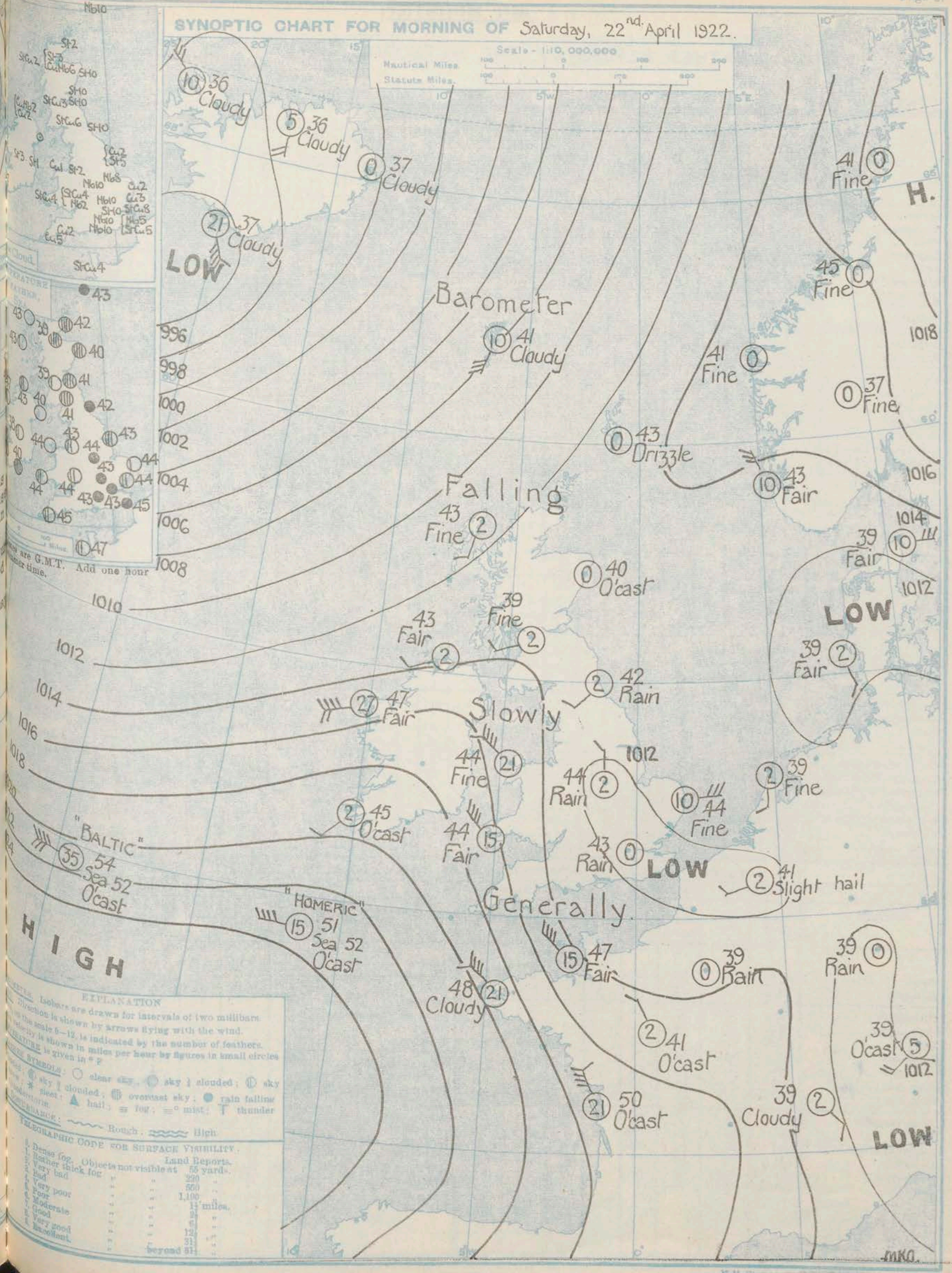
A shallow depression which has developed over England will cause poor visibility and some rain in places in the Eastern districts today. The ridge of high pressure which has for some days extended from the Azores to Scandinavia is breaking up and conditions may now become generally unsettled over the British Isles.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 22nd. April 1922.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light indefinite winds; dull, some rain in places, improving later; visibility mainly poor, improving later; moderate temperature.	Less settled generally.
4. W. Midlands 5. S.W. England 6. South Wales	Wind between Northwest and West, moderate; fair to cloudy, perhaps showers; visibility mainly good; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind between South and West, light or moderate; variable cloud, perhaps rain later; visibility mainly good; moderate temperature.	
10. N.E. England 11. E. Scotland	Wind mainly between South and West, light to moderate; variable cloud, perhaps rain later; visibility poor to moderate; moderate temperature.	
12. S.W. Scotland 13. Isle of Man	Same as 7 to 9.	
14. N.E. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind freshening from South or Southwest; much cloud at times, some rain; visibility moderate or good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind Westerly, moderate, strong in places on coast; much cloud at times, some rain; visibility mainly good;	
19. S.E. Ireland	Same as 7 to 9.	
20. S.W. Ireland	Same as 17.	

M.A.J.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.00 GMT. C. 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 22nd APRIL ... 1922. No. 112

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. Forms.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.1	-2	SSW	4	0	43	85	6	-	-	0	ASr	10	•
Stornoway	1014.3	-2	-	0	b	•	•	7	•	•	•	•	•	•
Wick	1013.7	-1	-	0	od₀+	42	97	8	1500	Sr	10	-	10	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1016.3	0	W	2	bc	43	97	7	4000	CuNb	3	ACu	5	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1014.5	-1	W	3	or₀	43	97	6	-	Nb	10	-	10	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1014.3	-3	SSW	1	0	43	97	5	-	-	0	ASr	10	•
Blacksod Point ...														•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1018.8	0	SW'N	2	b-	39	92	7	-	-	0	ASr	1	•
Holyhead	1016.7	-1	NNW	4	b/r	•	•	7	1500	Sr	1	-	1	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1014.5	-3	SE	3	bc	40	92	7	-	-	0	ASr	5	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1015.4	-4	ESE	2	0	39	92	6	2500	Sr	10	-	10	•
Gorleston	1016.4	-1	SE	2	b	42	75	8	-	-	0	-	0	•
... ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1022.2	-1	NW	4	ph₀	46	92	4	?	?	?	?	?	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1018.6	0	NW	4	b	45	75	8	1500	Sr	2	-	2	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	•	•	•	•	•	41	•	•	•	•	•	•	•	•
Croydon	1015.1	-3	SW	3	0+	39	85	7	2500	Sr	10	-	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1014.7	-2	-	0	0	41	92	7	2500	SrCu	10	-	10	•
Scilly (St. Mary's) ...	1020.7	0	NW'N	5	bc-	48	85	8	4000	Cu	3	-	3	•
Falmouth (Pendennis)	1019.3	0	NNW	4	bc/r	47	92	7	2500	CuNb	5	-	5	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1017.0	0	WSW	3	b	45	85	6	-	-	0	CiCu	3	•
Southampton (Calshot)	1019.4	-3	WSW	1	0	46	97	7	4000	SrCu	10	-	10	•
Dungeness	1015.3	-3	-	0	bc+	43	97	8	-	CuNb	6	-	6	•
Jersey 7h / Guernsey 1h	1016.9	-1	NW	4	0	47	85	7	4000	Sr	10	-	10	•

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1013.7	-1	-	0	od₀	43	97	5	4000	Nb	10	-	10	0
Stornoway	1011.3	-1	SSW	1	b	43	85	7	-	-	0	-	0	0
Wick	1012.2	-1	SSE	1	o/r	42	97	8	225	Sr	2	ASr	10	2
Castlebay	1012.0	-2	NE	2	b/r	43	85	7	1500	SrCu	7	-	2	2
Nairn	1012.7	•	-	0	o/r	39	85	8	1500	CuNb	9	-	9	•
Aberdeen	1013.4	-1	-	0	o+	40	97	6	1500	Sr	10	-	10	0
Malin Head	1013.4	-2	WSW	1	bc+	43	97	7	4000	CuNb	4	-	4	1
Renfrew	1013.9	-1	WSW	1	b-	39	92	4	4000	SrCu	3	-	3	•
Edinburgh (Inchkeith)	1013.0	-2	W	2	o/r	41	85	7	-	Sr	10	-	10	2
Eskdalemuir	1013.2	-2	SE	1	o-	41	75	8	5750	SrCu	6	ACu	9	•
Tynemouth	1012.3	-3	SW	1	or₀	42	92	3	2500	Sr	10	-	10	0
Blacksod Point ...	1015.6	-2	WSW	6	bc+	47	75	8	-	-	0	ASr	5	5
Donaghadee	1015.9	0	WNW	2	b-	40	92	8	-	-	0	-	0	2
Birr Castle	1017.4	•	SSW	1	bc+	38	97	7	4000	Sr	3	CuCu	6	•
Baldonnell	1016.9	-2	WSW	3	b	39	97	8	1500	Sr	1	-	1	•
Holyhead	1015.1	-2	NW	5	b	44	85	8	1500	Cu	1	-	1	4
Liverpool (Bidston) ...	1013.2	-1	WNW	4	bc/r	43	85	8	2500	Sr	2	CuCu	4	4
Chester (Shotwick) ...	1012.7	-2	NW	5	c-	44	85	8	800	SrCu	8	-	8	•
Spurn Head	1012.6	-2	SE	3	c	43	92	8	4000	Sr	7	-	7	•
Nottingham	1011.9	•	N	1	orr	44	92	3	800	Nb	10	-	10	•
Cranwell	1012.7	-3	E	2	orr	38	92	6	800	Nb	8	ASr	10	•
Gorleston	1013.2	-2	E	3	b-	44	65	8	4000	Cu	2	-	2	0
... ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1018.6	-3	SW	1	o/r	45	85	6	800	SrCu	3	ASr	6	5
Roches Point	1018.8	-2	W	1	o	44	92	8	-	-	0	ASr	10	0
Pembroke (St. Ann's H.)	1017.0	-2	NW	4	bc	44	85	8	4000	SrCu	4	-	4	2
Ross-on-Wye	1013.8	0	NW	3	bc-	44	75	8	4000	SrCu	6	-	6	•
Benson...	1012.1	-2	WNW	2	odd	43	97	5	-	Nb	10	-	10	•
S. Farnborough ...	1012.3	-1	WNW	2	orr	43	97	5	800	Nb	10	-	10	•
London (Kew Obsy.)...	1011.9	-2	-	0	orr	43	97	3	450	Sr	10	-	10	•
Croydon	1012.6	-1	W	1	or₀	41	97	4	450	Sr	10	-	10	0
Clacton-on-Sea ...	1012.2	-1	ESE	3	bc	44	85	7	2500	Cu	3	ACu	8	0
Shoeburyness	1011.9	-2	-	0	mor	42	75	6	4000	SrCu	8	ASr	10	•
Grain	1011.8	-3	-	0	od₀	42	92	6	2500	Sr	8	ASr	10	•
Lympne	1011.9	-2	SSW	2	or₀	42	85	8	1500	Nb	10	-	10	0
Scilly (St. Mary's) ...	1009.8	-1	NW	5	bc-	47	75	8	4000	Cu	4	-	4	0
Falmouth (Pendennis)	1008.3	-2	NW	4	bc	45	85	8	2500	Cu	5	-	5	0
Plymouth (Cattewater)	1016.6	-2	NNW	4	b-	45	85	8	2500	Cu	7	-	7	0
Portland Bill	1012.9	-1	NNW	4	orr	44	92	6	1500	Nb	10	-	10	0
Southampton (Calshot)	1011.7	-3	W	2	or₀	45	97	7	2500	Nb	8	-	8	3
Dungeness	1011.7	-1	NW	4	bc/r	47	85	8	4000	SrCu	4	-	4	3

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

Stations	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 20-21 °F.	Temperature. Max. Day 21st °F.	Rainfall.† Night 18h.-6h. 20-21 mm.	Rainfall.† Day 6h.-18h. 21 mm.	Sunshine. Sunrise to Midnight 21st hr.	Sunshine. Sunrise to Sunset 20th hr.
Banff	bz	b.bc	35	57	-	-	10.6	12.8
Montrose	obc	c	35	45	-	-	3.8	?
Llandudno	bc	c3c	37	54	-	-	7.3	11.6
Colwyn Bay ...	bc	b	38	52	-	-	7.5	12.1
Rhyl...	c.bc	b	31	51	-	-	7.3	10.5
Southport	c	ococr	?32	51	-	-	5.7	11.7
Blackpool	mb	b	40	52	-	-	8.0	12.2
Harrogate	bz	bo	31	54	-	-	6.2	11.3
Skegness	xb	b	29	47	-	-	10.3	10.7
Aberystwyth ...	-	-	37	52	-	-	6.0	9.0
Bath	b	b.bc.cp	36	58	-	-	7.9	8.9
Leamington Spa ...	bz	cbo	32	55	-	-	6.3	?
Lowestoft	bc.b	b	40	47	-	-	10.5	1.2
Felixstowe	b	bc	35	48	-	-	9.1	9.8
Southend	c.bc.b	bc.c	34	51	-	-	6.2	8.5
Paignton	bm.bc	bc	41	57	-	-	9.6	11.3
Ilfracombe	bbc	bcc	41	51	-	-	7.3	10.8
Bude	bc	bc.b	37	52	-	-	4.0	11.9
Penzance	o.c	c.bc	42	57	-	-	3.0	12.0
Falmouth Observatory	bc	bc.c	41	54	-	-	6.4	10.6
Torquay	b.	b	43	56	-	-	10.2	10.4
Weymouth	c.bc	bc.bz	44	56	-	-	7.5	9.1
Bournemouth ...	b	bo	44	56	-	-	7.5	9.4
Portsmouth (Southsea)	b	bc	38	54	-	-	8.4	11.5
Worthing	b.bc	b	34	52	-	-	9.7	11.8
Brighton	bc	bc	36	50	-	-	7.5	12.0
Eastbourne	bc	bc	36	52	-	-	8.9	12.4
Hastings	c.bc.c	c.o.bc	35	49	-	-	5.9	12.4
Folkestone	b	b	38	52	0.2	-	11.3	13.0
Tunbridge Wells ...	bcc.bc	bc.c	30	53	-	-	6.7	9.1
Ramsgate	bc	bc	37	47	-	-	8.6	8.7
Margate	c	bc.b	38	48	-	-	8.0	5.7
Deal	bc	bc.b	35	50	-	-	8.6	6.6

* 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 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION: No. B 22067 Sunday 23rd APRIL 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012.6	+2	-	0	odd	43	92	4	4000	Nb	10	-	10	•
Stornoway	1010.0	-1	S	3	c+	46	75	7	4000	Cu	8		8	•
Wick	1010.9	-2	SE	1	o	45	92	8	-	-	0	A.St	10	•
Castlebay	1011.1	0	WSW	4	bc	47	85	7	1500	Cu	6	-	6	•
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1011.9	-1	WNW	1	or	42	92	6	800	Nb	10	-	10	•
Malin Head	1011.5	-1	W	2	b	50	97	7	4000	Cu	2	CiCu	3	•
Renfrew	1011.0	-3	W	3	c+	52	55	9	2500	StCu	7	-	7	•
Edinburgh (Inchkeith)	1011.1	-2	ESE	1	o-	46	85	8	-	StCu	9	-	9	•
Eskdalemuir	1010.5	-3	NW	3	o+	48	55	7	2500	StCu	9	ACu	10	•
Tynemouth	1010.7	-1	NNW	1	orr	42	97	4	4000	Nb	10	-	10	•
Blacksod Point	1012.6	-1	SW'S	2	opr	47	85	7	-	Nb	10	-	10	•
Donaghadee	1013.9	-1	E	1	c+	48	75	8	4000	Cu	4	ACu	7	•
Birr Castle	1014.1	•	W	1	o+	50	75	6	4000	St	4	CiSt	9	•
Haldonnell	1013.7	-3	W	3	o+	51	65	8	2500	StCu	9	-	9	•
Holyhead	1013.5	-2	WNW	4	b	48	75	9	2500	Cu	1	-	1	•
Liverpool (Bidston)	1011.8	-2	WNW	5	bc-	46	85	8	2500	StCu	4	-	4	•
Chester (Shotwick)	1011.3	-1	NW	6	c	50	65	8	1500	Cu	7	-	7	•
Spurn Head	1010.6	-2	SE	3	b	49	97	7	4000	CuNb	2	CiCu	3	•
Nottingham	1010.8	•	NNE	2	oRR	42	85	4	1500	Nb	10	-	10	•
Cranwell	1011.1	-2	W'N	2	o	43	92	6	1500	Nb	5	A.St	10	•
Gorleston	1011.4	-2	ENE	3	bc+	46	65	8	4000	Cu	4	-	4	•
Valencia (Cahirciveen)	1013.2	-6	SSE	3	or	49	85	6	800	St	7	A.St	10	•
Roches Point	1014.4	-5	SSW	2	or	49	97	7	1500	Nb	10	-	10	•
Pembroke (St. Ann's H.)	1015.5	-1	NW	4	bc	48	75	8	4000	Cu	3	ACu	5	•
Ross-on-Wye	1011.1	-3	NW	3	bc	52	55	9	4000	StCu	6	-	6	•
Benson	1011.0	-1	NW	3	or	44	85	5	-	Nb	10	-	10	•
S. Farnborough	1011.1	-1	WNW	4	or	43	97	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1010.3	-2	WNW	2	odd	45	92	5	1500	Nb	5	A.St	10	•
Croydon	1011.1	-1	NW'N	2	or	43	92	5	800	Nb	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1009.8	-1	-	0	of	45	75	7	2500	StCu	9	A.St	10	•
Grain	1009.8	-2	-	0	ov	46	75	6	4000	StCu	10	-	10	•
Lympne	1009.4	-2	WNW	2	o	46	85	5	800	St	10	-	10	•
Solly (St. Mary's)	1016.3	-4	W	5	c-	52	75	7	4000	StCu	3	ACu	8	•
Falmouth (Pendennis)	1016.4	-2	NW	4	c+	49	75	8	2500	Cu	8	-	8	•
Plymouth (Cattewater)	1014.9	-2	NW	5	c-	50	65	8	2500	Cu	8	-	8	•
Portland Bill	1014.9	0	WNW	3	bc	47	85	7	1500	Cu	4	-	4	•
Southampton (Calshot)	1011.1	-2	NW	4	cr	52	65	8	4000	StCu	7	Ci	8	•
Dungeness	1009.8	-2	W	2	o	48	85	6	2500	Nb	10	-	10	•
Jersey	1015.0	0	W	5	b-	52	65	8	4000	StCu	1	-	1	•

Observations at 1800 G.M.T. 22

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	1011.5	-1	-	0	olr	43	97	7	450	St	10	-	10	0
Stornoway	1009.3	0	S	3	bc	49	65	7	4000	Cu	6	-	6	1
Wick	1010.2	-1	E	1	c-	43	92	8	4000	Nb	5	ACu	7	0
Castlebay	1010.2	0	SW	3	bc	48	85	7	1500	Cu	6	-	6	3
Nairn	1009.0	*	NE	1	bc-	49	65	8	4000	Cu	6	-	6	•
Aberdeen	1010.8	-2	WNW	1	bc	43	92	7	5750	StCu	6	-	6	0
Malin Head	1010.5	0	W	2	c	47	97	7	4000	Cu	7	-	7	1
Renfrew	1010.2	+1	WNW	3	c	51	65	9	2500	StCu	8	-	8	•
Edinburgh (Inchkeith)	1010.9	+1	E	2	c-	43	85	8	-	-	0	ACu	7	2
Eskdalemuir	1010.1	0	ENE	2	opr	45	75	8	2500	Nb	9	-	9	•
Tynemouth	1009.8	-2	W	1	olr	42	97	6	4000	St	10	-	10	0
Blacksod Point	1012.4	+1	W	5	opr	49	92	9	-	St	9	-	9	3
Donaghadee	1012.7	-1	NW	2	c	48	85	8	4000	CuNb	8	-	8	0
Birr Castle	1012.4	•	W	1	o+	49	85	6	4000	St	9	-	9	•
Haldonnell	1012.2	-2	SSW	2	b-	51	75	8	4000	Cu	3	-	3	•
Holyhead	1012.1	-2	WSW	4	b+	48	75	9	4000	StCu	1	ACu	2	1
Liverpool (Bidston)	1011.5	-1	W'N	4	b-	46	85	8	-	-	0	-	0	4
Chester (Shotwick)	1010.0	-2	WNW	5	b	49	65	9	2500	Cu	1	Ci	2	•
Spurn Head	1009.5	-1	SE	2	c	42	85	7	4000	StCu	5	A.St	7	2
Nottingham	1010.1	•	NNE	2	orr	43	92	4	1500	Nb	10	-	10	•
Cranwell	1010.2	-1	NNE	2	orr	40	92	6	800	Nb	10	-	10	•
Gorleston	1009.9	-2	E'N	4	b-	43	65	8	-	-	0	-	0	0
Valencia (Cahirciveen)	1013.3	+2	S	2	c-	51	85	7	1500	St	7	-	7	1
Roches Point	1013.0	-2	SSW	1	orr	47	97	7	1500	Nb	10	-	10	0
Pembroke (St. Ann's H.)	1013.4	-2	W	3	c	47	85	8	-	-	0	A.St	7	3
Ross-on-Wye	1010.5	0	NW'W	4	b-	50	55	9	4000	StCu	2	A.St	3	•
Benson	1010.2	0	NNE	2	b-	48	75	6	-	St	1	ACu	2	•
S. Farnborough	1010.1	-1	N	1	mmb	47	75	6	2500	Cu	1	Ci	3	•
London (Kew Obsy.)	1009.6	0	NNW	3	o-	44	75	5	5750	St	9	CiSt	10	•
Croydon	1010.5	0	NNW	2	orb	43	85	5	800	Nb	8	A.St	10	•
Clacton-on-Sea	1008.9	-1	ENE	2	or+	44	92	7	2500	St	10	-	10	0
Shoeburyness	1009.1	-1	-	0	o	43	85	7	1500	St	10	-	10	•
Grain	1009.2	-1	WNW	2	orb	43	92	5	1500	St	10	-	10	0
Lympne	1009.1	0	NW	2	orr	42	97	5	800	Nb	10	-	10	•
Solly (St. Mary's)	1014.1	-2	WSW	3	dr	47	92	7	4000	CuNb	10	-	10	5
Falmouth (Pendennis)	1015.0	-2	WNW	2	or	48	85	6	2500	Nb	10	-	10	0
Plymouth (Cattewater)	1013.6	-1	NW	3	o	48	75	8	2500	St	10	-	10	1
Portland Bill	1012.0	-2	WNW	3	b-	50	85	7	-	-	0	CiCu	2	3
Southampton (Calshot)	1009.8	-1	NW	4	c	50	65	8	2500	StCu	6	ACu	7	0
Dungeness	1009.2	0	NW	3	orr	44	97	6	800	St	10	-	10	3
Jersey	1013.5	0	W	5	b	50	75	8	-	-	0	CiCu	3	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. 23								YESTERDAY.		TO-DAY.
Kew				•	•	30	5	-	0.0	•	•
Croydon } 24 hours ended 0700	odrdm	odmom	omoo	•	•	33	5	0.6	0.0	•	•
Greenwich (Royal Obsy.)	omrorr	omrorr	omrorr	•	•	29	3	-	0.0	87	71
City (Bunhill Row)	ororo	ororo	obor	49	37	•	•	•		•	•
Westminster (St. James' Pk.)	•	•	•	•	•	•	•	•		•	-
Regents Pk. (Botanical Gdns.)	•	•	•	•	•	•	•	•		•	
Camden Sqr.	•	•	•	•	•	•	•	•		•	76
Kensington Palace	o	r	•	47	37	32	3	1	•	•	73
Hampstead Observatory	odr	odr	•	45	37	31	4	0.2	•	84 (18h.)	

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.

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.	Record. %
Polaris			
δ Ursæ Minoris			

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

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

[1] For explanation, see Introduction.

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

23rd & 24th April 1922.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.41	11.51	7.1
	4.39	11.51	7.2
Greenwich	4.51	11.58	7.6
	4.49	11.58	7.7
Wick	4.43	12.10	7.38
	4.41	12.10	7.40
Valencia	5.31	12.39	7.48
	5.29	12.39	7.50

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. H.Q 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.
rororr = 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.

* Information for these columns not usually received

‡ The barometric change is expressed in half millibars.

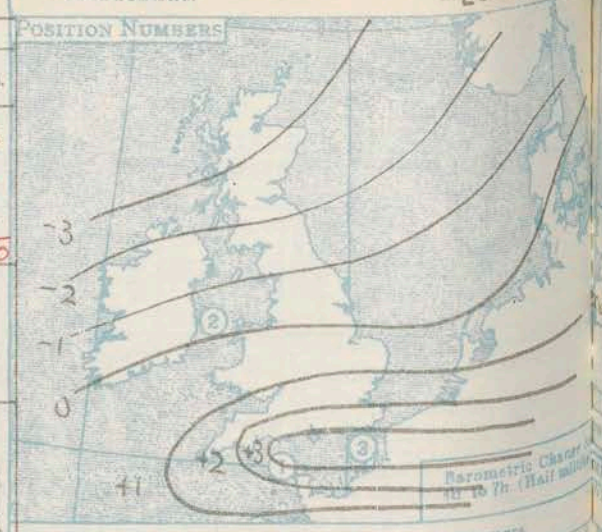
§ For code see page 2

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22	13h.-18h. 22	18h. to 1h. 23	1h.-7h. 23	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.d	oo	r.d	45	39	•	0.3	1	<0800	4.30	•
Stornoway	c	c		p	50	37	•	-	9.6	-	-	9.6
Wick	oo	oo	oo	b.bc	45	34	•	-	-	-	-	•
Castlebay	bcbc	c	cb	bobc	48	42	•	1	0.4	-		9.5
Nairn	bcc		cq	cq	53	34	•	-	-	-	-	6.2
Aberdeen	~~bfrc~~ dorm	oir.c	~~bc~~ bcbm	~~bbr~~ bompro	43	37	29	2	0.2	-	5.30	~~0.9~~ 0.0
Malin Head	b.bc	b.bc	bcp.	bcp.	50	42	•	-	2	-	<2100	11.3
Renfrew	cvy	cv	cvbcvb	bcopr	54	31	23	-	trace	-	-	11.9
Edinburgh (Inchkeith)	oo	oo	c	f	47	34	34	-	-	-	-	1.0
Eskdalemuir	ocog	oihr.	c	c	50	25	20	0.1	trace	1230	<2100	2.3
Tynemouth	orrfm	r.r.m	r.r.m	oom	43	37	34	5	trace	1330	<2100	•
Blacksod Point	r.d.	p					•	2		—		•
Donaghadee	bc	bc	cir.	cir.	50	42	•	-	1	-	<2100	•
Birr Castle	co	oirco	co	co	50	42	36	0.5	-	1330	-	2.3
Baldonnell	c	ob	bo	oid.	53	39	35	-	trace	-	1.30	9.7
Holyhead	bv	b	b.bc.co	r.oo	51	44	42	-	trace	-	2400	12.2
Liverpool (Bidston)	b.bc	b.bc	bor		49	43	38	-	1	-	4.30	11.2
Chester (Shotwick)	cq	cobq	b	bor.o	51	40	36	-	trace	-	5.30	•
Spurn Head	b.bc	b.bc	oo	r.d	50	39	•	-	trace	-	3.30	4.6
Nottingham	r.r	r.r	rro	cm	44	37	33	6	1	<0800	<2100	0.0
Cranwell	oro	r.r.	r.	ocbcm	44	35	31	3	0.2	<0800	<2100	0.0
Gorleston	bvbc	bcvb	b.bc	bvbcc	47	34	31	-	-	-	-	13.5
Valencia (Cahirciveen)	oir	oc	cp	co	53	46	41	2	0.8	<0800	<2100	1.0
Roches Point	or.	r.r.	cbc	bcc	50	48	•	1	-	11.00	-	•
Pembroke (St. Ann's H.)	b.bc	c	b.bc	c	50	44	•	-	-	-	-	8.8
Ross-on-Wye	bccvbc	cvypbc	bv	bvbcxc	54	34	28	trace	-	1630	-	9.4
Benson	or	ob	b	b	51	31	25	2	-	<0800	-	•
S. Farnborough	rrr.rmr.rmcm		bm	bw	47	31	23	4	-	<0800	-	0.3
London (New Obsy.)	ofrodm	odmom	omoo	opmW	45	37	30	5	-	<0800	-	0.0
Croydon	omodrr omr.r.r	omr.r.r	omr.r.	bomc.r.	45	37	33	5	0.6	<0800	<2100	0.0
Clacton-on-Sea	bor	qr	ogrc	b.bcm	48	38	34	0.2	2	17.30	<2100	4.9
Shoeburyness	oco	bo	ob.c	bcm	49	36	?	trace	0.2	1530	<2100	1.9
Grain	oipo	or.ro	oir.o	oib.c	46	36	28	1	0.1	<0800	<2100	0.0
Lympne	or.m	omr.r.	or.rrm	omc	47	35	31	4	1	1430	<2100	0.0
Scilly (St. Mary's)	c	cor.	omd	r.rd	52	45	•	1	3			3?
Falmouth (Pendennis)	bcc	cmmr	ocbcb	bbc	52	42	•	0.3	0.4	16.30	<2100	?
Plymouth (Cattewater)	oo	oo	od	or	51	42	30	-	1	-	<2100	8.2
Portland Bill	c	cbc	bc	bcb	54	41	•	-	-	-	-	•
Southampton (Calshot)	r.d	p	cpbcpb	b.bc	53	36	34	0.4	trace	<0800	<2100	2.1
Dungeness	r.d	r.r.	r.d	ob	49	38	•	2	1	<0800	<2100	•
Jersey	bcb	b	bob	bcob	54	42	•	-	-	-	-	11.0

ISALLOBARS. 23RD APRIL



Observations from Cross Channel Steamers.

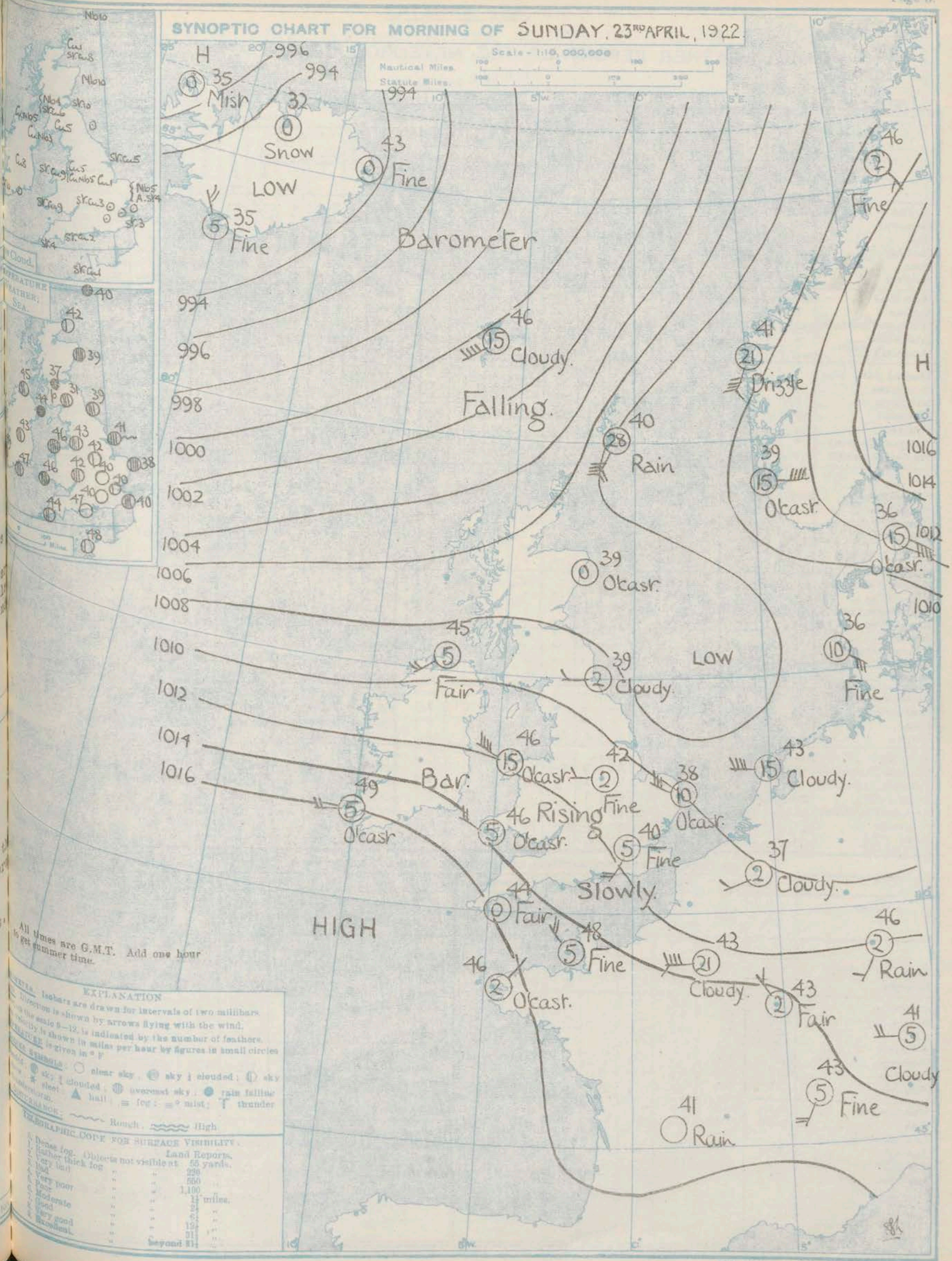
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1800 22nd	Cambria	WNW	3	b	45	46
1	1200 22nd	Reindeer	WNW	5	b	49	49

GENERAL INFERENCE.

The anticyclone over the Azores is likely to maintain Southwesterly to Westerly winds over the British Isles with occasional showers, but considerable fine intervals are probable in the South and East of England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 23rd. April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate Westerly winds; mainly fair, but occasional showers; visibility moderate to good; temperature moderate to rather high during the day but slight frost at night.	Continuing unsettled in the extreme Western and Northern parts of the British Isles.
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	Moderate Southwesterly or Westerly winds, fresh at times; varying amount of cloud, occasional showers; visibility moderate to good; cool.	
19. S.E. Ireland 20. S.W. Ireland	Same as 1 to 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 15.40 GMT. G. C. Simpson, F.R.S., Director.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday 23rd APRIL.....1922. No. 113

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	1010.5	-2	SSW	1	o	41	92	6	-	-	0	ASt	10	•
Stornoway	1010.2	-2	calm	bc	•	•	•	6	•	•	•	•	•	•
Wick	1009.2	-2	WSW	2	bc-	39	97	8	800	St	6	-	6	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	1010.6	-1	W	2	b.	45	97	7	4000	CuNb	3	-	3	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	1010.6	-1	S	1	b.	40	85	8	-	StCu	3	-	3	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	1010.0	+1	N	1	o/r	41	92	7	4000	St	7	ASt	10	•
Blacksod Point ...														•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valdonnell	1013.2	0	SW'S	3	od.	43	92	7	2500	StCu	8	ASt	9	•
Holyhead	1012.0	0	W'S	3	or.	•	•	6	1500	St	10	-	10	•
Liverpool (Bidston) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick) ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	1009.1	0	WNW	3	o	41	92	6	-	-	0	ASt	10	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1010.7	0	SW'S	1	c-	37	97	6	1500	St	8	-	8	•
Gorleston	1009.5	0	WNW	2	b+	36	85	8	-	-	0	ASt	2	•
... ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1016.1	+1	W	2	c/r	48	85	3	-	StCu	7	-	7	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1013.9	0	NW	2	b	45	92	8	-	-	0	-	0	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Croydon	1011.1	0	W	2	o/or.	40	92	6	800	St	10	-	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1009.9	0	NW	2	o/r	38	97	5	800	St	10	-	10	•
Scilly (St. Mary's) ...	1013.9	+1	NNE	2	c/r	47	92	6	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1013.9	0	NW	2	b/r	44	97	7	1500	St	4	-	4	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1012.0	0	WNW	4	b	47	85	7	-	-	0	CiCu	2	•
Southampton (Calshot)	1011.9	+1	NW'N	3	b.	40	85	8	-	-	0	-	0	•
Dungeness	1010.0	0	N	2	o/r	41	97	8	800	St	10	-	10	•
Jersey 7h / Guernsey 1h	1013.1	0	WNW	3	b.	47	75	8	-	-	0	ACu	3	•

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	1008.1	-3	SSW	6	o6r.	40	55	6	4000	Nb	10	•	10	2
Stornoway	1005.0	-3	S	3	pro	44	75	6	4000	Cu	8	—	8	0
Wick	1005.2	-3	S	2	b-	42	92	8	5/50	Cu	1	ACu	2	0
Castlebay	1006.4	-3	SW	4	c+	46	75	7	1500	Sc	6	-	8	3
Nairn	1006.0	•	-	0	c	42	85	8	5/50	StCu	8	-	8	•
Aberdeen	1007.5	-3	-	0	o/r	39	97	5	4000	Nb	10	-	10	0
Malin Head	1008.3	-3	WSW	2	bc+	45	97	7	4000	CuNb	4	ACu	5	2
Renfrew	1008.5	-1	-	0	oPR	37	97	4	2500	StCu	10	-	10	•
Edinburgh (Inchkeith)	1007.9	-3	WSW	2	FFo	36	97	1	-	St	10	-	10	2
Eskdalemuir	1009.4	-1	-	0	c	31	97	7	1500	Cu	5	ACu	7	•
Tynemouth	1008.6	-1	W	1	c-	39	92	5	-	-	0	ACu	8	0
Blacksod Point ...	1011.7	-1	W	1	cpr.	44	85	8	4000	CuN	3	ACu	7	0
Donaghadee	1013.3	•	S	1	c	43	97	7	4000	Cu	8	-	8	•
Birr Castle	1013.0	0	WSW	3	o	42	97	8	1500	StCu	10	-	10	•
Valdonnell	1011.3	0	W'N	4	o	46	85	8	2500	StCu	9	-	9	4
Holyhead	1010.1	0	W	2	o/r	43	92	7	1500	Cu	10	-	10	3
Liverpool (Bidston) ...	1009.7	0	-	0	o/r	45	85	8	2500	StCu	10	•	•	•
Chester (Shotwick) ...														•
Spurn Head	1009.2	0	NW	3	c	41	92	5	7250	StCu	5	CiCu	7	6
Nottingham	1010.2	•	W	1	b+	42	92	4	2500	Cu	1	CiSt	3	•
Cranwell	1010.7	0	NW	3	b	40	92	6	-	-	0	-	0	•
Gorleston	1010.0	0	W'N	3	o+	38	92	7	4000	Nb	5	ASt	9	0
... ...														•
...														4
Valencia (Cahirciveen)	1016.1	0	W	2	o	49	85	7	1500	St	10	-	10	0
Roches Point	1015.3	0	W	1	c	47	92	8	-	-	0	Ci	8	3
Pembroke (St. Ann's H.)	1013.9	+1	WNW	2	o+	46	85	8	4000	StCu	9	ACu	9	•
Ross-on-Wye	1012.2	-1	SW'S	2	c	42	85	8	5/50	StCu	3		0	•
Benson...	1011.7	+2	-	0	b	40	92	7	-	-	0	-	0	•
S. Farnborough ...	1012.0	+1	W	1	b	40	92	8	-	-	0	ACu	2	•
London (Kew Obsy.)...	1012.4	+3	SW	2	mb.	40	85	6	-	-	0	ACu	5	•
Croydon	1012.3	+2	WSW	2	b/r	40	85	7	4000	StCu	3	ACu	4	0
Clacton-on-Sea ...	1011.0	+2	WNW	3	bc	40	97	5	-	-	0	ACu	6	•
Shoeburyness	1011.1	+1	WNW	2	mbc-	43	75	5	4000	Cu	6	-	8	0
Grain	1011.4	+1	WSW	2	c/r	41	92	6	4000	StCu	8	=	9	•
Lympne	1011.7	+2	WSW	2	o	39	97	5	4000	StCu	4	ACu	8	•
Scilly (St. Mary's) ...	1015.5	+2	NW	2	c	48	92	8	4000	StCu	8	-	6	0
Falmouth (Pendennis)	1015.7	+4	-	0	bc+	44	92	7	1500	St	4	CiCu	2	0
Plymouth (Cattewater)	1015.0	+2	-	0	b+	43	92	8	2500	StCu	2	-	0	0
Portland Bill	1013.2	+2	WNW	3	b-	47	85	7	-	-	0	-	0	0
Southampton (Calshot)	1013.3	+2	WSW	2	b	40	85	7	-	-	0	-	1	2
Dungeness	1011.9	+3	NW	2	c-	40	97	7	800	St	3	ACu	1	3
Jersey 7h / Guernsey 1h	1014.7	+1	NW	2	b	48	75	8	4000	StCu	1	-		

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 21-22	Temperature. Max. Day 22	Rainfall.† Night 18h.-9h. 21-22	Rainfall.† Day 9h.-18h. 22	Sunshine. Sunrise to 18h. 22	Sunshine. Sunrise to Sunset 21st
			°F	°F	mm.	mm.	hr.	
Banff	rd.	do	40	44	1	1	0.0	11.4
Montrose	ocr	orc	32	42	1	5	0.0	3.8
Llandudno	cb	b	43	49	1.	-	10.2	8.4
Colwyn Bay ...	cbc	b	42	50	3	-	9.2	9.1
Rhyl...	b	b	44	48	4	-	10.3	9.0
Southport	b	b	43	49	4	-	8.3	7.8
Blackpool	c	bc	44	50	3	-	8.2	9.6
Harrogate	or	oro	37	49	3	5	0.0	6.2
Skegness	ob	bo	40	47	-	-	7.4	11.7
Aberystwyth ...	cb	bbc	42	49	2	-	10.0	6.5
Bath	b.bc	bbco	45	54	2	-	6.2	7.9
Leamington Spa ..								
Lowestoft	bbc	b	35	46	-	-	12.1	11.7
Felixstowe	bc	co	38	49	-	-	7.6	10.6
Southend	o	od	41	48	-	0.4	0.2	6.3

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 21-22	Temperature. Max. Day 22	Rainfall.† Night 18h.-9h. 21-22	Rainfall.† Day 9h.-18h. 22	Sunshine. Sunrise to 18h. 22	Sunshine. Sunrise to Sunset 21st
			°F.	°F.	mm.	mm.	hr.	
Paignton	bc	bc	43	55	0.3	-	10.9	10.7
Ilfracombe	b	bc	44	49	2	-	10.0	8.5
Bude	b	c	44	50	3	-	5.3	4.8
Penzance	cbc c	copr.	45	53	0.1	0.2	1.7	3.0
Falmouth Observatory	bc	bcod	42	52	1	0.4	3.8	6.4
Torquay	b	b	43	56	0.4	-	10.8	11.4
Weymouth	bc	bcb	45	56	0.3	-	9.5	8.1
Bournemouth ...	cb	b	44	56	1	-	8.0	7.5
Portsmouth (Southsea)	o	bc	42	53	4	0.1	1.7	9.1
Worthing	o	do	37	47	1	1	0.0	10.0
Brighton	r	ro	40	47	3	1	0.0	8.3
Eastbourne .. .	o	r	42	47	0.2	1	0.0	?
Hastings	oc	bcord	38	50	-	1	0.0	6.7
Folkestone	oro	or	37	46	1	3	0.0	10.0
Tunbridge Wells ...	bc	o	40	45	-	-	2.9	8.9
Ramsgate	obcb	bco	41	49	-	-	3.5	10.0
Margate	cp	bcod	40	48	-	trace	1.6	
Deal								

* 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. 22068. Monday 24th April 1922. Page 1.

Observations at 1300 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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1004.6	-3	S	5	orr	34	92	6	2500	Nb	10	-	10	•
Stornoway	998.2	-4	S	3	opr₀	45	92	6	450	St	10	-	10	•
Wick	1000.2	-6	S	2	c+	44	92	8	4000	CuNb	5	Ci	8	•
Castlebay	999.0	-6	WSW	4	o	46	85	6	800	St	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1003.0	-5	SSE	4	o	43	85	6	1500	St	10	-	10	•
Malin Head	1003.2	-4	W	3	o/r	45	94	4	4000	CuNb	6	A Cu	9	•
Renfrew	1003.6	-5	S	4	o/r	49	75	4	2500	St Cu	9	-	9	•
Edinburgh (Inchkeith)	1003.6	-3	WSW	3	o/r	45	75	8	•	St Cu	9	-	9	•
Eskdalemuir	1004.2	-4	W'N	3	c	48	65	8	4000	Cu	8	-	8	•
Tynemouth	1004.4	-4	WNW	2	bc+	52	65	6	4000	St Cu	4	-	4	•
Blacksod Point	1008.0	-1	WNW	5	o-	50	75	7	-	StCu	10	-	10	•
Donaghadee	1006.8	-4	W	2	or	48	85	4	4000	St	10	-	10	•
Birr Castle	1009.1	•	W	2	c-	53	85	5	4000	Fb	4	-	4	•
Baldonnell	1008.9	-4	SW	5	orr	49	92	6	800	Nb	10	-	10	•
Holyhead	1005.9	-4	SW'S	5	o	50	75	9	4000	St Cu	8	A St	9	•
Liverpool (Bidston)	1008.3	-2	W	4	c/h	48	75	4	1500	Cu	8	-	8	•
Chester (Shotwick)	1004.8	-2	W	4	o/r	50	65	8	800	St	10	-	10	•
Spurn Head	1004.3	-2	WNW	3	opr₀	46	85	6	2500	Nb	9	-	9	•
Nottingham	1008.2	•	W	4	o+	48	75	6	800	Cu Nb	9	-	9	•
Cranwell	1009.4	-1	WSW	3	o/r	45	92	6	1500	Nb	9	-	9	•
Gorleston	1010.5	0	NNW	4	c+	53	55	6	4000	Cu Nb	4	-	4	•
Valencia (Cahirciveen)	1013.0	-2	WNW	5	cm	51	92	6	•	Cu	4	-	4	•
Roches Point	1012.2	-3	W	4	o	52	85	8	1500	St Cu	10	-	10	•
Pembroke (St. Ann's H.)	1013.2	-1	WSW	4	o	48	85	8	4000	St Cu	9	-	9	•
Ross-on-Wye	1009.9	-2	W'S	5	od₀	51	65	9	4000	St Cu	8	Ci	9	•
Benson	1011.0	-3	WSW	4	bc+	53	55	3	•	Cu	6	-	6	•
S. Farnborough	1010.8	-2	W'S	5	o	54	55	8	2500	Cu	9	-	9	•
London (Kew Obsy.)	1010.4	-4	WSW	3	o	55	55	8	2500	St Cu	4	A St	9	•
Croydon	1011.1	-2	WSW	4	c	54	55	8	4000	Cu	4	-	4	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1010.4	-1	NW	2	b/f	55	55	5	2500	Cu	2	A Cu	3	•
Grain	1010.4	-2	W	4	bc	54	55	6	4000	Cu	6	-	6	•
Lympne	1011.3	-2	W'S	4	o	52	65	8	800	StCu	6	A St	9	•
Scilly (St. Mary's)	1016.7	0	W	5	c	53	75	8	4000	StCu	5	Ci	8	•
Falmouth (Pendennis)	1015.5	-1	W	4	o	50	85	8	2500	St	10	-	10	•
Plymouth (Cattewater)	1014.4	-1	W	3	o/p	51	75	8	2500	Cu Nb	10	-	10	•
Portland Bill	1013.2	0	WNW	4	bc	49	85	4	1500	St Cu	4	-	4	•
Southampton (Calshot)	1012.9	-2	SW	6	opr₀	49	55	4	4000	Cu Nb	4	A Cu	10	•
Dungeness	1011.9	+1	SW	4	bc+	53	75	8	4000	Cu	6	-	6	•
Jersey	1016.6	+1	W	4	b	51	75	8	-	-	0	Ci	1	•

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	Low Cloud Form.	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1000.6	-4	S	5	o/r	39	75	4	4000	St Cu	10	-	10	4
Stornoway	992.5	-5	S	5	bcpr	44	85	6	450	Cu	6	-	6	3
Wick	994.4	-6	SSE	6	o	42	94	8	2500	Cu Nb	10	-	10	4
Castlebay	996.2	-3	W	5	c	46	85	6	1500	StCu	4	ASt	6	4
Nairn	994.1	•	W	2	c/r	44	85	8	4000	Cu Nb	8	-	8	•
Aberdeen	994.0	-6	S	3	or₀	43	92	5	1500	Nb	3	A St	10	3
Malin Head	1000.1	-3	W	3	cph₀	46	94	4	4000	Cu Nb	8	-	8	2
Renfrew	998.4	-5	WSW	4	c/r	44	85	4	2500	StCu	4	-	4	•
Edinburgh (Inchkeith)	996.9	-5	SW	4	cpr₀	43	85	4	•	Cu Nb	8	-	8	3
Eskdalemuir	999.9	-5	W	3	c/r	42	85	4	2500	Cu	8	-	8	•
Tynemouth	1001.0	-3	W	2	c+	49	75	6	4000	Cu Nb	8	-	8	0
Blacksod Point	1004.8	-3	NW	7	opR-	44	85	7	-	Nb	10	-	10	7
Donaghadee	1003.1	-4	W	2	cph₀	50	65	8	4000	Cu	4	-	4	6
Birr Castle	1007.6	•	W	2	cPR	46	85	4	4000	Nb	8	-	8	•
Baldonnell	1006.2	-2	SW'W	4	c/r	44	85	4	1500	St Cu	4	-	4	•
Holyhead	1005.3	-4	W	5	c+	48	75	6	4000	St Cu	8	-	8	4
Liverpool (Bidston)	1003.5	-5	WSW	5	c/r	46	92	8	2500	Cu Nb	3	A St	8	5
Chester (Shotwick)	1003.4	-5	SW	4	opr₀	48	85	4	800	St	9	-	9	•
Spurn Head	1003.9	-4	W	5	bc	49	85	8	4000	St Cu	3	A St	6	4
Nottingham	1005.2	•	W	4	o	49	65	6	800	St Cu	9	-	9	•
Cranwell	1005.9	-3	WSW	4	bc/r	49	65	8	1500	St Cu	4	A Cu	5	•
Gorleston	1004.1	-1	WSW	3	o/p	46	85	4	4000	Nb	4	A St	10	0
Valencia (Cahirciveen)														•
Roches Point	1010.6	-1	WNW	4	b-	52	75	8	4000	Cu Nb	3	-	3	3
Pembroke (St. Ann's H.)	1009.6	-5	WSW	5	c-	48	92	8	4000	Cu	4	-	4	3
Ross-on-Wye	1004.8	-3	WSW	4	o	44	75	8	4000	Nb	4	A St	10	•
Benson	1008.3	-1	WSW	4	o+	50	65	8	•	St Cu	10	-	10	•
S. Farnborough	1009.6	-2	W'S	4	c+	50	65	8	2500	St Cu	6	A Cu	4	•
London (Kew Obsy.)	1008.3	-2	WSW	4	bc+	51	55	4	2500	Cu Nb	3	A Cu	5	•
Croydon	1009.4	-2	SW	4	c/r	48	85	4	4000	St Cu	4	-	4	•
Clacton-on-Sea	1004.6	-3	WNW	3	c/h	49	85	4	4000	Nb	6	A Cu	4	0
Shoeburyness	1009.3	-1	WSW	3	o+	48	75	5	2500	St Cu	10	-	10	•
Grain	1008.4	-2	SW	4	cpr₀	44	85	8	4000	St Cu	8	-	8	0
Lympne	1010.1	-1	SW	5	o+	44	65	8	1500	St Cu	5	A St	9	•
Scilly (St. Mary's)	1015.4	-2	WNW	5	fp	50	92	6	800	St	10	-	10	4
Falmouth (Pendennis)	1013.3	-2	W	6	md	50	85	4	4000	St	9	-	9	1
Plymouth (Cattewater)	1012.5	-3	WNW	3	od-	49	92	4	1500	Nb	10	-	10	3
Portland Bill	1011.4	-2	W'N	5	bc+	44	55	4	-	-	0	A St	6	4
Southampton (Calshot)	1010.4	-2	WNW	4	o/r	51	65	8	4000	St Cu	8	-	8	0
Dungeness	1010.0	-3	SW	6	bc-	48	94	4	4000	St Cu	6	-	6	6
Jersey	1013.3	-1	W	6	o	51	85	8	2500	St Cu	10	-	10	3

LONDON OBSERVATIONS — 24 Hours ended 0900 G.M.T. 24th (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	o.m.o.oy	p₀c.p₀ y	c.o.c.b.b	•	•	39	8	-	6.4	•	•
Croydon (24 hours ended 0700)	b.c.pr	c.o.cr	o.b.r.b.o	•	•	40	0.5	0.1	4.2	•	•
Greenwich (Royal Obsy.)	c.op.o	c.op	bc.op	58	44	36	tr	tr	5.0	60	66
City (Bunhill Row)	•	•	•	•	•	•	•	•	4.2	•	•
Westminster (St. James' Pk.)	•	•	•	54	44	38	~	•	5.6	60	64
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	5.2	•	-
Camden Sq.	bc	c	•	56	43	39	-	-	•	•	63
Kensington Palace	o.c	o.b	•	56	45	34	-	-	•	54 (18h.)	63
Hampstead Observatory	•	•	•	54	44	34	tr	tr	6.0	•	69

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 23rd

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 23rd 20 h. 30m. to 24th 3 h. 30m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	7 0	1 42	24
δ Ursae Minoris	7 0	1 24	30

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

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

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

24th & 25th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.39 / 4.37	11.51 / 11.51	7.2 / 7.4
Greenwich	4.49 / 4.47	11.58 / 11.58	7.7 / 7.9
Wick	4.41 / 4.38	12.10 / 12.10	7.40 / 7.42
Valencia	5.29 / 5.27	12.39 / 12.39	7.50 / 7.52

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

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

[1] For explanation, see introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

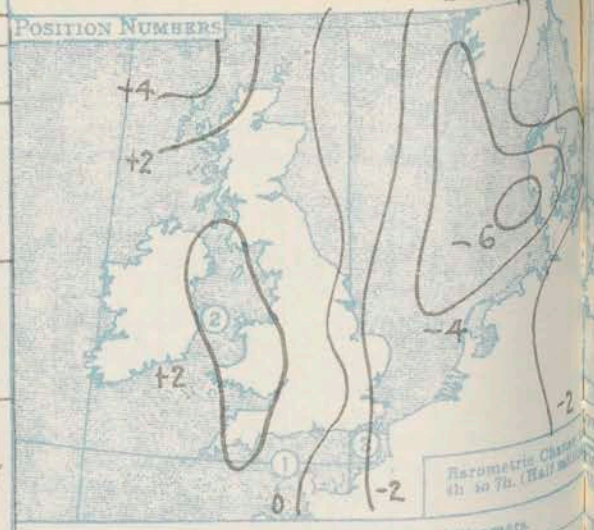
§ For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-13h. 23rd	13h.-18h. 23rd	18h. 23rd to 1h. 24th	1h.-7h. 24th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	r.d	r.d	r.d	r.d	113	34	•	3	1	<08·00	<21·00	•
Stornoway	p	p	p	p	48	38	•	2	6	<03·00	<21·00	5·0
Wick	c	oo	c	c	44	35	•	-	1	-	<21·00	•
Castlebay	cobo	oc	c.op	op.c	46	39	•	0·4	3		-	3·4
Nairn	r.c		cg	cg	54	35	•	1	-	09·00	-	5·0
Aberdeen	om.m	c.omi	omir	acmb	45	36	29	0·4	2	14·30	<21·00	0·9
Malin Head	op	oq PH	oq PH	cq PH	50	38	•	2	3	-	<21·00	3·3
Renfrew	a.c.oprq	or prf	opr.o	b2Rirc	49	38	34	2	3	15·30	<21·00	3·0
Edinburgh (Inchkeith)	oo	p	iprs	c	48	39	36	trace	3	-	-	4·0
Eskdalemuir	oihr	oim	ir	ir	51	36	34	3	1	12·30	03·30	3·0
Tynemouth	b.bem	b.bem	mp	cm	54	38	34	-	0·3	-	24·00	•
Blacksod Point ...	c	p		rord	52	40	•	1	3			•
Donaghadee	bc	cphqr	bcqp	bcqph	52	39	•	1	2	12·30	<21·00	•
Birr Castle	c.opr	co PR	co PR	c.opr	53	38	35	1	3	11·00	<21·00	2·8
Baldonnell	r.d	orr	o.b	b.oq ir	51	38	36	1	0·4	12·30	<21·00	1·4
Holyhead	oo	or.bc.c	cph.o	ir.o.c.o	50	42	40	1	1	14·30	<21·00	1·8
Liverpool (Bidston) ...	ohp	op	bcopq		51	40	39	1	0·3	16·30	<21·00	3·0
Chester (Shotwick) ...	opr.o	oq.lr	bc.cprm	offRo	53	41	38	0·5	2	09·00	04·30	•
Spurn Head	p	c	b.bc	p	52	39	•	0·6	1	12·30	02·30	5·4
Nottingham	prh	cp	cp	bc.c	52	40	39	0·4	2	11·00	<21·00	4·2
Cranwell	c.oimp	cp	pr	opr.o	52	38	34	1	2	14·30	<21·00	6·4
Gorleston	o.c.bc	c.orrs	c.oirc	o.cirq	54	42	40	1	0·1	15·30	<21·00	3·5
Valencia (Cahirciveen)	cm		pkr	ccpas	52	41	39		2			2·1
Roches Point	c.or.o	o.c.bc.b	b.bc.	cpas	54	43	•	0·3	2	11·00		•
Pembroke (St. Ann's H.)	oo	c	c	cq	50	44	•	-	-	-	-	2·1
Ross-on-Wye	bc.cr.oq	p.o.c.o	po.cp.bq	rq.c.bc	54	40	34	-	1	-	<21·00	4·3
Benson	b	c	b	b	54	40	31	-	-	-	-	•
S. Farnborough ...	bc.c.or	oq opr.o	orr pr	c.ctr	54	41	34	trace	0·6	14·30	<21·00	9·6
London (Kew Obsy.) ...	om.c.oq	op.cp.y	c.o.c	c.o.b	55	44	39	trace	-	14·30	-	6·4
Croydon	bc.cpkr	c.o.cr	o.o.b.r	b.opo.c	56	43	40	0·5	0·1	11·00	<21·00	4·2
Clacton-on-Sea ...	bc.cprh		ot.cr	bc.cp	54	43	41	3	0·5	16·30	05·30	4·3
Shoeburyness	b.bc	p	b	oid.c	56	44	•	0·4	0·1	15·30	<21·00	4·2
Grain	bc	cir.o	o.c.bc.c	c.bcq	56	44	34	0·4	-	14·30	-	4·4
Lympne	oq.m.cm	or.bc.c	o.cpr.o	c	53	41	38	trace	-	14·30	-	5·2
Scilly (St. Mary's) ...	c	oo	cqp	cqp	54	45	•	-	2			2·4
Falmouth (Pendennis)	bc.o	omp	o.c	op.c.bc	53	45	•	0·4	0·2	<08·00	02·30	3·4
Plymouth (Cattewater)	r.d	r.d	o.b	p.bc.b	52	45	40	1	0·1	24·00	06·30	2·2
Portland Bill	b.bc	bc.c	c.bc	bcp	50	42	•	-	0·2	-	03·30	•
Southampton (Calshot)	p	p	r.d	p	52	43	41	trace	1	<08·00	<21·00	6·9
Dungeness	b.bc	c	c	crtl	53	42	•	-	1	-	04·30	•
Jersey	b	bo	od	od.o	53	44	•	-	1	-	22·00	10·5

ISALLOBARS. 24th April



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	23rd 0200	DIEPE	NNW	2	b	44	47
2	" 1000	CAMBRIA	W/S	4	c	47	47
3	24th 0300	BRIGHTON	WSW	5	co-	48	47

GENERAL INFERENCE.

A deep depression off the North-West of Scotland is moving Southeastwards and strong West to North-West winds with changeable showery weather are likely generally over the British Isles.

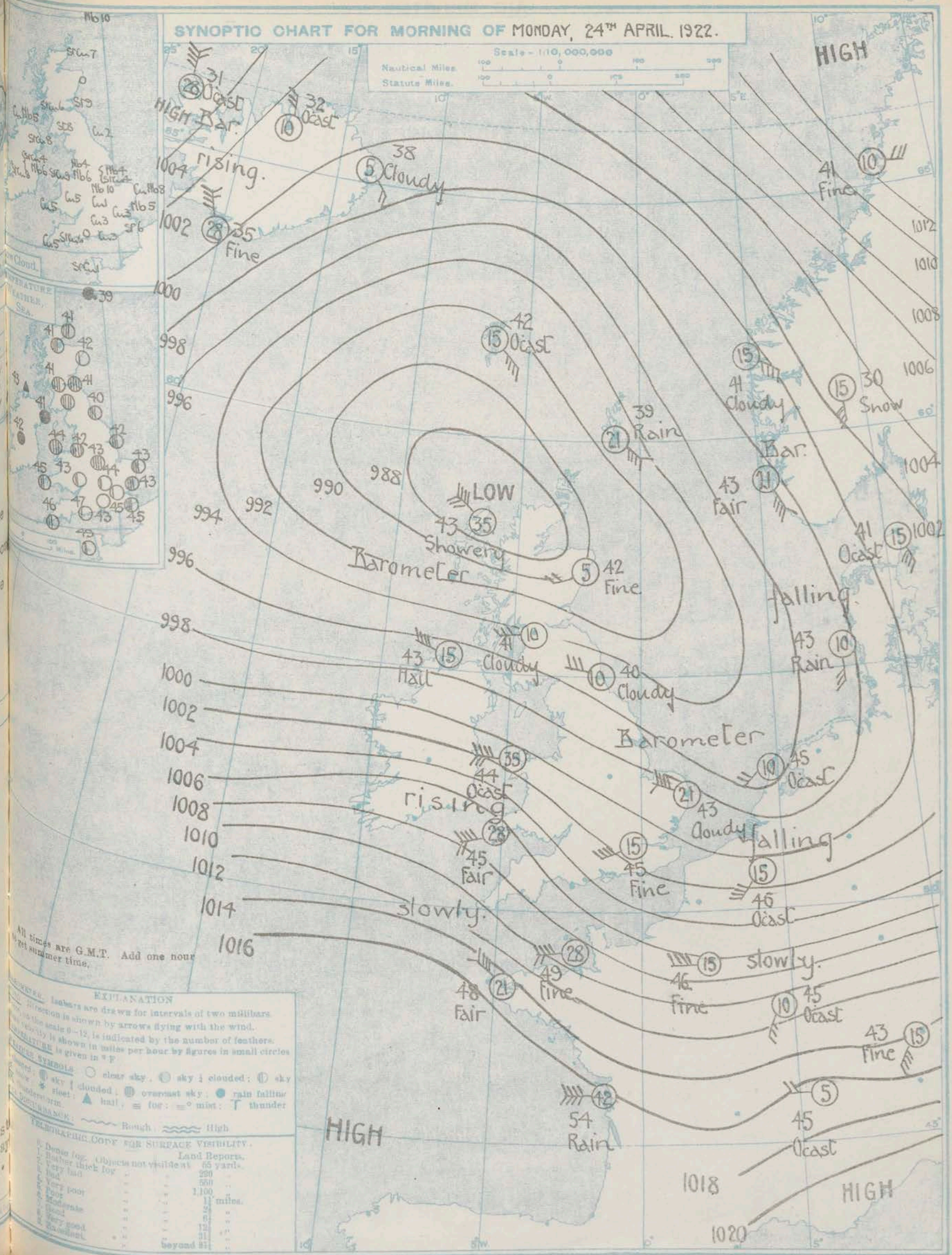
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 24th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Strong West to North-West winds, a gale in places on the coasts; changeable, showers of rain or hail; visibility good; moderate day temperature; frost in places at night.	CONTINUING UNSETTLED.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Strong wind between W. and N., gale in places on coast; changeable, rain or hail showers; visibility good; moderate to rather low temperature.	
17. N.W. Ireland 18. N.E. Ireland	Wind Southeasterly backing later, strong to a gale; much cloud, some rain; visibility moderate or good; moderate to rather low temperature.	North cone hoisted 9 a.m. GMT. today all coasts.
19. S.E. Ireland 20. S.W. Ireland	Same as 1 to 13.	

M.AS

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

C. C. SIMPSON, F.R.S., Dir.

† For Code see opposite page.



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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday 24th April 1922. No. 114.

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	994.4	-5	S	6	or+	39	85	6	2500	Nb	10	-	10	•
Stornoway	991.5	-4	WSW	3	pro	•	•	5	•	•	•	•	•	•
Wick	989.4	-3	SW	2	bc+	36	94	8	5450	Cu	4	-	4	•
Castlebay	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	993.6	-4	WNW	5	cPH	42	92	8	4000	Cu Nb	9	-	9	•
Renfrew	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	992.5	-5	WSW	3	bc	40	85	8	+	St	4	-	4	•
Eskdalemuir	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	995.4	-4	W	2	b/r	41	92	6	-	-	0	-	0	•
Blacksod Point														•
Donaghadee	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Baldonnell	1003.5	-2	SW'W	5	b	40	92	6	2500	St Cu	3	-	3	•
Holyhead	1000.6	-4	W'S	6	od d	*	*	4	1500	St	10	-	10	•
Liverpool (Bidston)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Shotwick)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	994.4	-4	WSW	3	b	44	85	6	4000	Nb	3	-	3	•
Nottingham	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	1000.6	-6	WSW	4	pr	44	85	4	1500	Nb	10	-	10	•
Gorleston	1001.5	-3	W'N	4	or	45	85	8	4000	Nb	9	-	9	•
...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Valencia (Cahirciveen)	1010.2	-1	NW	8	cPH	44	94	4	*	Cu Nb	4	-	4	•
Roches Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	1005.2	-3	W	6	bc	46	85	8	4000	Cu	4	-	4	•
Ross-on-Wye	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Benson	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	•	•	•	•	•	44	•	•	•	•	•	•	•	•
Croydon	1005.2	-5	SW	5	b/r	46	85	4	2500	St Cu	2	-	2	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Grain	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	1004.9	-3	WSW	4	or	45	92	8	1500	St	10	-	10	•
Scilly (St. Mary's)	1012.0	-3	NW	7	cpro	49	75	7	6000	CuNb	6	-	6	•
Falmouth (Pendennis)	1009.4	-4	W	6	c-	49	85	8	4000	St	8	-	8	•
Plymouth (Cattewater)	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	1005.0	-2	WSW	5	bc-	45	85	4	1500	St Cu	4	-	4	•
Southampton (Calshot)	1006.2	-4	WSW	4	b/r	46	92	8	2500	St Cu	3	-	3	•
Dungeness	1004.5	-4	W	6	bc	44	94	4	4000	Cu	6	-	6	•
Jersey 7h / Guernsey 1h	1010.5	-4	WSW	5	od	49	92	6	500	St	10	-	10	•

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	992.5	0	SE	5	[illegible]	39	85	5	4000	Nb	10	-	10	6
Stornoway	987.6	+4	NW	4	cPR-	43	94	6	4500	Cu Nb	4	-	4	3
Wick	988.1	-1	SSW	3	c+	41	94	9	4000	St Cu	4	-	4	4
Castlebay	985.8	+2	W	3	c	44	82	6	1500	Cu Nb	4	-	4	•
Nairn	989.0	•	SW	2	c	41	85	8	1500	Cu Nb	4	•	1	0
Aberdeen	990.6	0	WSW	2	b	42	75	4	-	-	0	Ci St	4	3
Malin Head	996.3	+1	WNW	4	cPH	43	94	4	4000	Cu Nb	5	Ci	8	•
Renfrew	994.1	+1	WSW	2	c/r	41	85	4	2500	St Cu	6	A St	9	4
Edinburgh (Inchkeith)	991.2	0	W	5	o+	41	85	8	+	St	9	-	9	•
Eskdalemuir	994.4	+1	WNW	3	f/r	36	85	3	1500	St	8	A St	4	1
Tynemouth	994.2	+1	WNW	3	o-	40	92	6	4000	Cu	2	A Cu	4	•
Blacksod Point	1007.5	+6	NW	6	c-	49	75	7	-	CuNb	7	-	7	6
Donaghadee	999.1	+3	NW	3	cpro	41	85	8	4000	St Cu	8	•	8	3
Birr Castle	1005.0	•	W	2	cpro	42	92	4	2500	St Cu	8	-	8	•
Baldonnell	1004.1	+2	WSW	4	or	39	94	6	800	Nb	10	-	10	6
Holyhead	1000.9	+4	WNW	4	o	44	85	8	1500	St Cu	9	-	9	4
Liverpool (Bidston)	998.2	+1	W	8	o/r	42	85	4	1500	Nb	10	-	10	•
Chester (Shotwick)	998.5	+2	W	6	o/d	42	85	6	800	St	10	-	10	•
Spurn Head	995.5	-2	SW	5	bc/r	42	92	4	-	-	0	Ci St	6	4
Nottingham	998.2	•	WNW	3	o	43	85	4	800	Nb	10	•	10	•
Cranwell	998.2	-1	W	3	c/p	41	92	4	1500	Nb	8	-	8	1
Gorleston	998.6	-3	WNW	5	c+	43	85	6	4000	Cu Nb	8	-	8	•
...														
Valencia (Cahirciveen)	1012.5	+3	WNW	6	cjp	45	75	8	2500	Cu	8	-	8	6
Roches Point	1009.5	0	NW	6	PR-	44	92	8	2500	CuNb	7	-	7	6
Pembroke (St. Ann's H.)	1006.5	+2	W	6	bc	45	85	8	2500	Cu	5	•	5	•
Ross-on-Wye	1003.0	+1	WNW	5	bc	43	75	8	4000	Cu	5	Ci Cu	6	•
Benson	1002.0	+2	W	4	b+	44	75	9	+	Cu	1	A Cu	2	•
S. Farnborough	1002.4	0	W'N	4	b/r	43	75	8	2500	Cu	3	-	3	•
London (Kew Obsy.)	1001.9	+1	W'S	4	b	45	75	4	4000	Cu	3	-	3	•
Croydon	1002.6	0	WSW	4	bc/r	43	85	4	2500	St Cu	6	-	6	3
Clacton-on-Sea	999.4	-2	WNW	4	c/r	43	92	4	1500	Nb	5	A Cu	4	•
Shoeburyness	1000.6	-1	WNW	5	b	46	65	4	5450	Cu	1	-	1	6
Grain	1000.9	-2	W	6	bc	46	65	8	4000	Cu	4	-	4	•
Lympne	1001.5	-3	W	5	c	44	75	8	2500	St	6	HG	4	•
Scilly (St. Mary's)	1011.7	+1	NW	7	pro	48	75	7	6000	CuNb	9	-	9	7
Falmouth (Pendennis)	1011.4	+2	WNW	5	bc	45	75	8	4000	Cu	3	-	5	3
Plymouth (Cattewater)	1009.2	+3	NW	4	bc	46	92	8	2500	St Cu	6	-	6	4
Portland Bill	1005.3	+1	WNW	6	b	44	85	4	-	-	0	Ci Cu	2	3
Southampton (Calshot)	1004.5	0	WNW	6	b	45	75	8	2500	Cu	3	-	3	6
Dungeness	1000.9	-3	W	6	e/c/r	45	94	4	4000	Nb	3	A Cu	4	6
Jersey 7h / Guernsey 1h	1009.4	0	W	6	b/r	49	65	8	4000	St Cu	1	-	1	•

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

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 22nd (°F.)	Temperature Max. Day 23rd (°F.)	Rainfall† Night 18h.-9h. 22-23 (mm.)	Rainfall† Day 9h.-18h. 23rd (mm.)	Sunshine Sunrise to 17h 23rd (hr.)	Sunshine Sunrise to Sunset 22nd
Banff	bc.c	rt.cp	38	48	0.2	5	4.4	0.0
Montrose	bc	or	35	48	-	0.4	6.6	0.0
Llandudno	c	c.or	44	51	-	0.2	1.3	11.9
Colwyn Bay	c.bc	bc.c	43	51	1	-	1.5	11.3
Rhyl	bc.c	bc.cp	39	52	0.6	.	1.4	12.1
Southport	o.c	bcr.o	44	50	1	0.3	3.4	10.2
Blackpool	c.bc	or	44	52	0.3	0.4	3.2	10.0
Harrogate	op.c.bc	bc.b.bc	33	51	5	1	7.2	0.0
Skegness	b.o.b	b.bc.o.b	34	53	-	-	4.0	7.4
Aberystwyth	o.c.b	c.o	41	49	-	-	1.7	11.5
Bath	bc.b	b.bc.o	34	55	-	?	6.1	6.2
Leamington Spa	-	-	33	53	-	0.9	5.5	0.0
Lowestoft	c.o.c.bc	bc.op	34	55	-	0.4	4.2	13.4
Felixstowe	cm	bcz	35	54	-	-	5.4	7.6
Southend	c.bc	od.bc	37	56	0.1	0.1	6.2	6.2

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. Night 22nd (°F.)	Temperature Max. Day 23rd (°F.)	Rainfall† Night 18h.-9h. 22-23 (mm.)	Rainfall† Day 9h.-18h. 23rd (mm.)	Sunshine Sunrise to 17h 23rd (hr.)	Sunshine Sunrise to Sunset 22nd
Paignton	bc.c	bcp.opq	57	55	-	1	4.8	11.3
Ilfracombe	o.c.bc	bc.c.od	45	51	-	-	3.2	10.3
Bude	po	po	36	52	-	0.6	2.5	8.3
Penzance	c.o	c	44	54	1	-	3.1	1.4
Falmouth Observatory	bc.c	c.o	40	54	0.8	0.4	3.6	3.8
Torquay	b	o	40	54		0.5	3.7	11.4
Weymouth	b.bc	c.o	40	56	-	-	5.9	11.0
Bournemouth	b.bc	c.o	37	55	-	-	5.0	11.0
Portsmouth (Southsea)	b	bcp	37	58	2	1	4.4	1.9
Worthing	bc.c	c	35	52	-	-	4.2	0.0
Brighton	b.p	c.o	39	50	-	-	4.9	0.0
Eastbourne	b.bc	c	39	51	0.2	-	8.4	0.0
Hastings	b.bc.c	c.op.bc	38	52	0.3	0.1	7.4	0.0
Folkestone	bcp	c	37	54	1	-	7.6	0.0
Tunbridge Wells	bc.b	bc.b	36	53	-	-	7.6	0.0
Ramsgate	b	b	38	55	0.4	-	8.6	2.9
Margate	b.c	bc.c	40	56	0.5	-	6.6	3.5
Deal	bc	p.bc.c	38	55	3	1	6.7	1.6

* 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. 22069 TUESDAY 25th APRIL 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	994.4	-2	ESE	5	od$_0$	42	85	6	4000	St.Cu	5	A.St.	10	*
Stornoway	992.5	+6	NW	4	cpr$_0$	45	85	6	4000	Cu.Nb	7	-	7	*
Wick	989.2	+2	ENE	1	or$_0$	43	97	8	225	St.	6	Ci.St	10	*
Castlebay	997.1	+2	NW	5	mbc	47	85	6	1500	Cu.Nb	4	A.St	6	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	990.6	0	W'N	4	c+	48	65	8	4000	St.Cu	8	-	8	*
Malin Head	1000.2	+3	W	4	opH	47	97	7	4000	Cu.Nb	10	-	10	*
Renfrew	995.6	+1	NW	5	o/r	48	75	8	4000	St.Cu	9	Ci.St	10	*
Edinburgh (Inchkeith)	992.4	0	W	4	c	46	65	8	-	Cu	2	Ci.St	8	*
Eskdalemuir	995.0	0	W'N	5	cph$_0$	46	75	8	2500	Cu.Nb	8	-	8	*
Tynemouth	994.8	+1	W	3	cjp	48	75	7	4000	Cu.Nb	8	-	8	*
Blacksod Point	1009.1	+1	NW	6	bc-	48	75	8	-	Cu	5	-	5	*
Donaghadee	1001.2	+2	NW	3	cpr$_0$	46	75	8	4000	Cu	4	Ci.Cu	6	*
Birr Castle	1007.2	*	W	4	c-	48	97	8	4000	Nb	6	-	6	*
Baldonnell	1004.0	-1	W	6	od$_0$	48	75	6	1500	Nb	9	-	9	*
Holyhead	1002.4	+1	WNW	7	c	47	75	9	4000	St.Cu	6	Ci	8	*
Liverpool (Bidston)	1000.1	+1	W	7	cpr$_0$	45	85	7	1500	Cu.Nb	3	Ci	6	*
Chester (Shotwick)	999.8	+0	WNW	8	o/r	50	55	8	2500	Nb	7	Ci.St	8	*
Spurn Head	995.4	0	WNW	7	c	49	85	7	4000	Cu.Nb	8	-	8	*
Nottingham	999.4	*	WNW	5	c	49	75	6	800	Cu.Nb	8	-	8	*
Cranwell	998.7	0	W'N	6	c	49	75	6	4000	St.Cu	8	-	8	*
Gorleston	998.6	0	WNW	3	or	44	85	6	4000	Cu.Nb	10	-	10	*
...														*
Valentia (Cahirciveen)	1015.4	+4	WNW	6	c-	49	75	8	2500	St.Cu	6	A.Cu	8	*
Roches Point	1010.5	0	NW	7	pr$_0$	47	92	5	2500	Cu.Nb	7	-	7	*
Pembroke (St. Ann's H.)	1007.4	+1	W	5	bc	48	75	8	2500	Cu	4	-	4	*
Ross-on-Wye	1003.7	+1	NW'W	7	cjp	49	55	9	4000	Cu	4	Ci	8	*
Benson	1002.6	+0	NW	5	c	50	65	9	-	Cu	7	Ci	8	*
S. Farnborough	1002.9	+0	W'N	5	c/r	53	75	8	2500	Cu	6	Ci	8	*
London (Kew Obsy.)	1002.0	-1	W	4	ojp	50	55	8	2500	Cu.Nb	9	Ci	10	*
Croydon	1003.0	+0	W'N	5	c/tL	47	75	7	2500	St.Cu	4	Ci.St	7	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1001.4	0	NNW	6	?	47	65	7	1500	St.Cu	4	Ci	5	*
Grain	1002.1	+2	WNW	5	opr$_0$	46	85	8	800	Nb	9	-	9	*
Lympne	1003.1	-1	W'N	7	ojp	47	75	8	1500	Nb	7	A.St	9	*
Scilly (St. Mary's)	1013.2	+1	NW	8	pr$_0$	50	75	7	4000	Cu.Nb	6	-	6	*
Falmouth (Pendennis)	1012.7	0	WNW	7	cpH	50	75	7	4000	Cu.Nb	6	-	6	*
Plymouth (Cattewater)	1010.0	+2	NW	6	c	49	75	8	4000	St.Cu	8	-	8	*
Portland Bill	1006.1	+1	WNW	6	b	49	85	7	1500	Cu	3	-	3	*
Southampton (Calshot)	1004.9	-0	WNW	6	cpr$_0$	51	65	8	1500	Cu	7	Ci	8	*
Dungeness	1002.6	+1	W	5	bc	54	65	7	4000	Cu	5	-	5	*
Jersey	1010.9	0	W	6	c/r	50	75	8	4000	St.Cu	6	-	6	*

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	997.6	+3	ESE	5	or$_0$	42	85	6	4000	Cu.Nb	10	-	10	4
Stornoway	997.6	+6	NW	4	orr	42	92	6	450	St.	10	-	10	2
Wick	993.6	+5	NNW	3	c	44	97	8	4000	Cu.Nb	4	A.St	7	1
Castlebay	1001.2	+3	NW	5	bc	46	85	6	1500	Cu.Nb	5	-	5	6
Nairn	995.9	*	NW'N	2	cjp	44	75	8	4000	Cu.Nb	6	Ci	8	*
Aberdeen	992.9	+4	ENE	2	cpr$_0$	41	92	8	2500	Cu.Nb	8	-	8	0
Malin Head	1004.8	+3	WNW	4	bcpH	44	97	7	4000	Cu.Nb	5	-	5	5
Renfrew	997.8	+2	WNW	6	ojp	45	75	8	5750	Cu.Nb	9	Ci	10	*
Edinburgh (Inchkeith)	993.9	+2	WNW	5	o+	45	75	8	-	-	0	Ci.St	9	4
Eskdalemuir	997.0	+1	W'N	6	cprs$_0$	41	85	8	2500	St.Cu	6	Ci.	8	*
Tynemouth	994.9	+1	W	3	b/r	50	65	7	4000	Cu.Nb	3	-	3	2
Blacksod Point	1012.0	+4	NW	7	bc	48	65	8	-	Cu	5	-	5	6
Donaghadee	1003.5	+1	NW	4	bcph	44	75	8	4000	Cu.Nb	5	-	5	5
Birr Castle	1010.6	*	W	4	cpR	44	97	7	1500	Cu.Nb	8	-	8	*
Baldonnell	1008.9	+4	W'S	6	cpr$_0$	47	75	7	1500	Nb	8	-	8	*
Holyhead	1005.3	+3	NW	6	or-	44	85	8	1500	Nb	8	A.St	9	6
Liverpool (Bidston)	1002.2	+2	W	7	bc	44	75	7	1500	Cu.Nb	4	-	4	6
Chester (Shotwick)	1002.1	+3	W'N	7	cpr$_0$	47	75	8	1500	Nb	4	Ci.	8	*
Spurn Head	998.3	+3	WNW	7	cpH	42	92	6	4000	Nb	8	-	8	
Nottingham	1001.3	*	WNW	5	o+	47	65	6	800	Cu.Nb	8	Ci	9	*
Cranwell	1000.8	+3	WNW	6	o	45	75	7	1500	Cu	3	Ci.St	9	*
Gorleston	1000.2	+1	WSW	2	cpR-	44	75	7	4000	Cu.Nb	4	Ci.St	7	1
...														*
Valentia (Cahirciveen)	1017.8	+3	WNW	5	c+	48	75	7	2500	St.Cu	8	-	8	6
Roches Point	1014.0	+4	NW	7	pr$_0$	45	92	8	2500	Cu.Nb	3	-	3	6
Pembroke (St. Ann's H.)	1009.7	+3	W	4	bjp	47	75	8	2500	Nb	3	-	3	5
Ross-on-Wye	1005.1	+2	WNW	6	c-	48	55	9	4000	Cu	3	Ci	6	*
Benson	1003.8	+1	NW	4	b	48	65	9	-	St.Cu	2	-	2	*
S. Farnborough	1004.1	+2	W	5	o/tL	48	75	8	2500	Cu	9	-	9	*
London (Kew Obsy.)	1003.8	+3	WNW	3	c/s(h)	48	65	8	1500	Cu.Nb	7	-	7	*
Croydon	1004.3	+3	W	4	o/tL	46	75	7	2500	Cu.Nb	9	-	9	*
Clacton-on-Sea	1001.3	0	W	4	ctL	47	75	7	1500	St.Cu	5	A.Cu	7	0
Shoeburyness	1002.6	+1	NNW	4	oh(r)	42	85	8	450	Cu.Nb	8	A.Cu	9	*
Grain	1003.1	+2	WNW	6	o/s(h)	48	75	8	1500	Cu.Nb	9	-	9	6
Lympne	1003.1	+1	SW	3	oph	44	75	8	1500	Cu.Nb	7	Ci.St	9	*
Scilly (St. Mary's)	1014.1	+2	NW	8	bc	49	75	7	4000	St.Cu	5	-	5	8
Falmouth (Pendennis)	1012.1	+2	WNW	7	bc	50	75	7	4000	Cu.Nb	6	-	6	6
Plymouth (Cattewater)	1011.2	+2	WNW	6	c-	49	85	8	4000	St.Cu	8	-	8	3
Portland Bill	1006.1	0	WNW	6	b	49	85	7	1500	Cu	3	-	3	4
Southampton (Calshot)	1005.5	+1	WNW	7	bcjp	49	65	8	2500	Cu.Nb	5	-	5	3
Dungeness	1003.1	+1	W	5	ctL	48	75	7	-	Cu.Nb	4	Ci.Cu	7	5
Jersey	1010.9	0	WNW	6	b/r	50	65	8	-	-	0	Ci.St	2	6

London Observations (Weather, Temperature, Rainfall: 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 } 24 hours ended 0700	bcdpdpd	cyqpth	bc.b	*	*	35	0.6	-	8.8	*	*
Croydon } 24 hours ended 0700	opc Hhh	cpqftty	bprp$_0$rb	*	*	36	1	0.1	6.3	*	*
Greenwich (Royal Obsy.)	bcog	bcophl	bcop	55	40	33	1	-	6.3	49	59
City (Bunhill Row)	*	*	*	*	*	*	*	*	7.3	*	*
Westminster (St. James' Pk.)	hrbc	cumbc	bc	56	40	33	/		7.8	51	57
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*		*	-
Camden Sq.	op	chqr	*	56	40	35	1	-		*	60
Kensington Palace	oc	bc	*	55	40	34	1	-	*	65 (18h.)	56
Hampstead Observatory	*	*	*	53	38	30	2	tr	7.9	*	61

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

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

Kew Observatory Max.	Time.	Min.	Time.
0.6	1000 24th	40.3	2400 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 20 h. 30 m. to 25th 3 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	7 0	5.48	83
δ Ursae Minoris	7 0	5.26	78

Radio Disturbances (Atmospherics) at Croydon.‡

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

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 25th & 26th APRIL, 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.37 / 4.35	11.57 / 11.51	[illegible]
Greenwich	4.44 / 4.40	11.58 / 11.55	[illegible]
Wick	4.38 / 4.35	12.10 / 12.10	[illegible]
Valencia	5.27 / 5.25	12.29 / 12.29	7.52 / 7.54

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;) = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

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

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

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

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

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

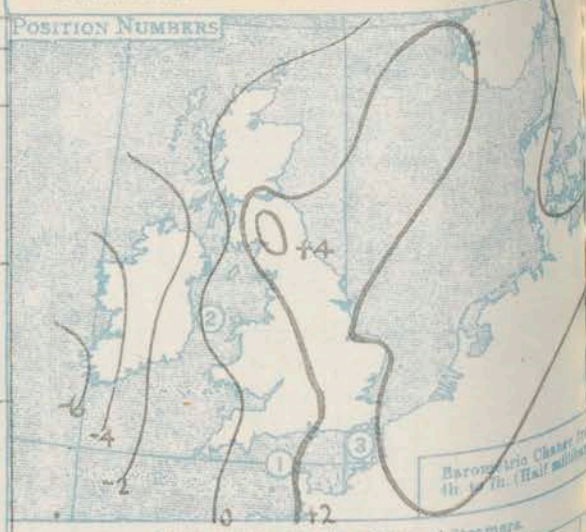
M.O. Form 2370.

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	oo	p	oo	r or d	45	40	•	0.4	2	L0800	L2100	•
Stornoway	p	r or d	r or d	p	48	40	•	4	5	-	L2100	3.1
Wick	orrir	oirc	copq	f or m	45	38	•	2	0.2	L0800	L2100	•
Castlebay	r or d	cupbc	bcopb	bc	47	41	•	0.1	-	-	-	9.5
Nairn	ircq		ircq	iRc	48	[illegible]	•	1	1	0900	L2100	2.1
Aberdeen	b.bc.c	cphpr	oir	oirc	51	40	37	2	8	~~1530~~ 1630	L2100	4.0
Malin Head	ogPH	cqPH	beq	cp.	47	41	•	1	2	L0800	1.30	6.8
Renfrew	coP	opr	beb	c	49	41	37	1	-	L0800	-	7.3
Edinburgh (Inchkeith)	borbc	c	c	c	47	41	39	-	Trace	-	-	7.2
Eskdalemuir	oIHihr	oihrirs	copbcjr.	opcoc	47	36	34	3	6	1100	L2100	3.6
Tynemouth	omph.	pq	bcmq	bomq	52	39	34	Trace	-	1100	-	•
Blacksod Point	p	p					•	2				•
Donaghadee	bcqph	bcqph	beqp	beqp	49	39	•	1	1	L0800	L2100	•
Birr Castle	coprq	cqPr	coPR	co	51	40	35	2	0.1	L0800	L2100	7.3
Baldonnell	oprm	opr	ob	bcc	49	37	34	0.5	0.3	L0800	L2100	9.1
Holyhead	oPc	coqpcobco	cpqbq	bco	48	42	42	0.1	Trace	1100	L2100	6.6
Liverpool (Bidston)	p.	bcq	bcoq		48	42	39	Trace	-	-	-	7.0
Chester (Shotwick)	oprq	oprq	copbcq	btcq	51	42	40	Trace	-	L0800	-	•
Spurn Head	horhr	Hr	c	c	49	41	•	2	0.5	0900	L2100	5.9
Nottingham	cphIr	c	cp	c	51	42	39	3	Trace	L0800	2200	5.7
Cranwell	c	cprsq	ocbcb	c	49	40	37	0.2	-	L0800	-	5.2
Gorleston	pqhH	cpcrsoqbc	bccbl	oqu	50	43	38	4	-	0900	-	3.4
Valencia (Cahirciveen)	cpqc	cpqs	cbc	cpor.	49	43	41	3	1		2400	6.8
Roches Point	cpqs	cpqb	co	bpe	51	42	•	1	0.4		-	•
Pembroke (St. Ann's H.)	c	cqcp	b.bc	cjpo	49	43	•	-	-	-	-	9.3
Ross-on-Wye	cqbeqv	bcqvyp	cpbcb	pqqvb	53	40	36	0.1	1	1530	L2100	9.8
Benson	c	bc	bc	bc	53	39	29	Trace	-	-	-	•
S. Farnborough	cbcprc	cycfrcfqprc	orbbc	b.bc	56	39	34	~~0.6~~	Trace	0900	L2100	8.2
London (Kew Obsy.)	bcoipqhou	cyqporh	bebb	bebbc	53	41	35	0.6	-	1230	-	8.8
Croydon	oprqHIrh	cpqflrtty	oprp.rb	bobc	51	40	36	1	0.1	1100	L2100	~~6.3~~ 7.3
Clacton-on-Sea	cqph		c	cbc	52	40	38	1	-	L0800	-	4.3
Shoeburyness	bcqr.bc	bcqihir	oihirc	cbc	55	39	?	2	1	1100	L2100	6.6
Grain	bccop	bcps.	oir.b	bbz	54	39	34	0.4	0.2	0900	L2100	6.2
Lympne	copr	oIIrqrplv	orhHcbc	b.becoc	52	37	34	3	1	1230	L2100	~~6.2~~ 6.3
Scilly (St. Mary's)	p	c	bcq	c.oq	51	42	•	=	1	—	-	9.6
Falmouth (Pendennis)	bcpq	bcpq	bcq	bcqcq	51	44	•	1	-	L0800	-	12.2
Plymouth (Cattewater)	p	p	pbbc	bcc	51	40	38	0.1	2	L0800	L2100	10.6
Portland Bill	bc	bc	bc	bcc	52	42	•	-	-	0900	-	•
Southampton (Calshot)	p	p	b.bc	b.bc	53	41	40	Trace	-	1100	-	11.8
Dungeness	borbc	Hrh	Hr	c	56	39	•	3	4	1430	L2100	•
Jersey	opbc	ohcc	b	bv	53	45	•	1	-	1100	-	10.7

ISALLOBARS. 25th April

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	0200 25th	Dieppe	NW	5	O⊕	45	47

GENERAL INFERENCE.

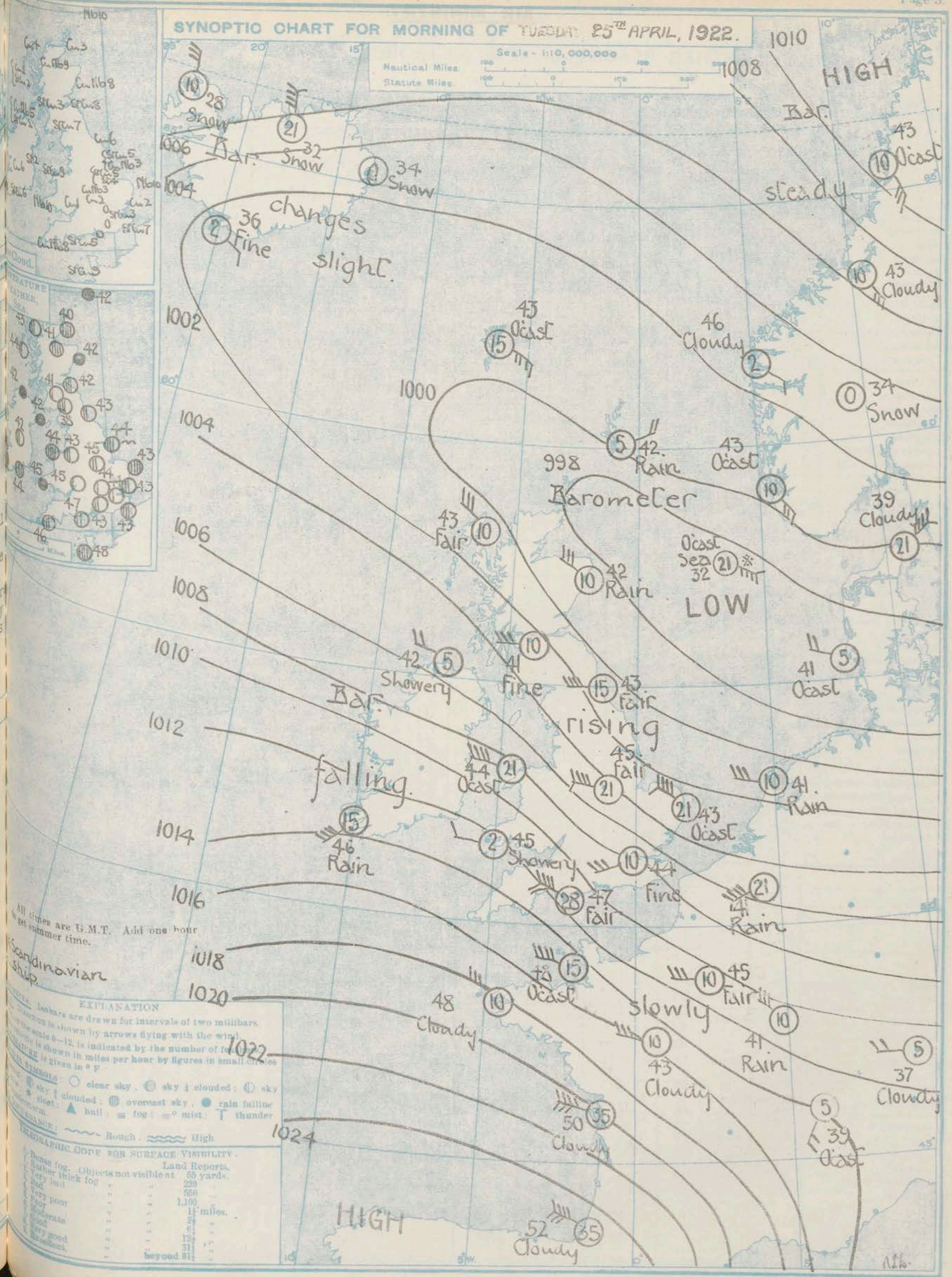
There are indications of a new Atlantic depression approaching Ireland which will bring much cloud with rain to the Western districts. In the Eastern districts mainly fair weather, with local showers is probable today but an early return to unsettled conditions is likely.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 25th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate Westerly wind backing; fair today, less fair tomorrow, probably rain later; visibility moderate or good; moderate temperature.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind between West and South, moderate, fresh at times; cloudy to dull, some rain; visibility moderate; moderate temperature.	Generally unsettled.
9. N. Midlands 10. N.E. England 11. E. Scotland	Light or moderate Westerly wind backing; fair at first, rain later; visibility moderate or good; moderate temperature.	
12. S.W. Scotland 13. Isle of Man	Same as 4 to 8.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind indefinite, mainly between South and East, light or moderate; mainly dull, some rain; visibility moderate or good; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between Southeast and Southwest, moderate to fresh; dull, some rain; visibility moderate or good; milder.	

M.A.2

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. Monday, 25th April 1922. No. 115.

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	1000·5	+2	ENE	4	0+	42	75	7	-	-	0	ASt	10	*
Stornoway	002·3	+3	NW	6	or	*	*	5	*	*	*	*	*	*
Wick	997·4	+2	WNW	3	opr	41	97	8	2500	CuNb	6	A.St	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1007·0	0	WNW	4	bc	44	97	7	4000	CuNb	5	-	5	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	999·2	+4	WSW	4	bc-	42	85	8	-	StCu	4	-	4	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	999·2	+3	W	3	b	41	85	6	-	-	0	ACu	3	*
Blacksod Point ...														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell	1011·9	+2	SW'S	4	b-	38	92	7	2500	St	1.	ASt	2	*
Holyhead	1008·2	0	NW	7	b-	*	*	8	1500	Cu	1	-	1	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	999·9	0	WNW	6	c	45	92	8	4000	StCu	8	-	8	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1003·0	+1	WNW	6	b+	41	85	7	1500	St	3	-	3	*
Gorleston	1001·7	+1	WNW	4	bc+	43	75	6	4000	CuNb	5	-	5	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1015·4	-2	WNW	4	bcpr	46	92	5	-	St	4	-	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1013·8	-1	WNW	4	b	44	85	8	4000	Cu	3	-	3	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	42	*	*	*	*	*	*	*	*
Croydon	1007·1	+1	WSW	5	b+r	40	85	8	2500	StCu	1	-	1	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1006·5	+3	W.	4	b.	38	92	8	4000	StCu	2	-	2	*
Scilly (St. Mary's) ...	1018·0	+1	NW	6	b	47	75	8	4000	CuNb	3	-	3	*
Falmouth (Pendennis)	1016·0	+2	WNW	5	bc	46	85	7	4000	Cu	5	-	5	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1009·5	+2	WNW	6	b	46	85	7	1500	StCu	3	-	3	*
Southampton (Calshot)	1009·3	+1	WNW	5	b-	43	85	8	-	-	0	-	0	*
Dungeness	1006·4	+2	NW	3	b+r	39	97	8	-	-	0	-	0	*
Jersey 7h / Guernsey 1h ...	1015·2	+2	WNW	7	b	43	75	7	5750	Nb	3	-	3	*

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	1000·2	-1	ENE	2	ovr	42	92	6	2500	Nb	10	-	10	1
Stornoway	1001·3	0	NW	3	bc-	43	75	7	4000	Cu	4	-	4	2
Wick	998·3	0	WNW	1	0	40	97	6	4000	Cu	3	ASt	10	0
Castlebay	1003·5	0	W	4	bc	44	85	7	1500	Cu	4	-	4	4
Nairn	999·7	*	NW	2	b/r	41	85	8	4000	CuNb	9	-	9	*
Aberdeen	998·8	+1	NW'N	3	cr	42	97	7	2500	CuNb	8	-	8	0
Malin Head	1005·5	-3	WNW	2	epr	42	97	7	4000	CuNb	7	-	7	2
Renfrew	1003·1	+3	W	3	b-	41	75	7	4000	StCu	3	-	3	*
Edinburgh (Inchkeith)	1000·4	+2	W	4	c+	42	85	7	-	StCu	8	-	8	4
Eskdalemuir	1002·6	+5	W'N	6	c	38	75	8	2500	StCu	7	-	7	*
Tynemouth	1000·5	+2	W	4	bc-	43	85	6	4000	Cu	6	-	6	2
Blacksod Point ...	1007·6	0	NW	3	bcpr	42	85	8	5750	Cu	3	Ci	5	7
Donaghadee	1011·0	*	SW	1	0+	42	92	7	4000	Cu	6	ACu	9	*
Birr Castle	1010·4	0	SW	4	c+	39	97	8	2500	St	2	ASt	8	*
Baldonnell	1009·0	+1	WNW	5	0	44	85	8	2500	StCu	9	Ci	10	5
Holyhead	1006·3	+1	W	5	bc	43	85	8	-	Cu	2	CiSt	4	6
Liverpool (Bidston) ...	1005·9	+2	W	5	c+	45	75	8	2500	StCu	2	CiSt	8	*
Chester (Shotwick) ...														
Spurn Head	1001·0	+2	WNW	6	c	44	85	6	4000	StCu	8	-	8	6
Nottingham	1004·8	*	WNW	5	bc+	45	75	6	800	CuNb	5	-	5	*
Cranwell	1004·4	+2	W'N	5	0	42	85	7	1500	StCu	9	-	9	*
Gorleston	1002·4	0	NW	5	0	43	85	6	2500	Nb	10	-	10	0
...														
...														
Valencia (Cahirciveen)	1012·7	-6	WSW	4	or	46	85	7	1500	St	8	ASt	10	6
Roches Point	1013·5	-2	WSW	1	0	44	92	8	4000	StCu	6	ASt	10	0
Pembroke (St. Ann's H.)	1012·8	-1	WNW	1	o/p	45	85	7	1500	Nb	10	Ci.St	3	4
Ross-on-Wye	1009·1	+1	W'N	4	b	45	65	9	4000	Cu	1	Ci	2	*
Benson	1008·3	+3	WNW	4	b	44	75	8	-	-	0	Ci	6	*
S. Farnborough ...	1008·8	+2	W'N	3	bc+	43	75	8	-	-	0	Ci	4	*
London (Kew Obsy.) ...	1008·3	+2	WSW	3	bc	44	65	7	4000	StCu	3	Ci	5	0
Croydon	1008·8	+2	WNW	3	bc-	43	75	7	2500	StCu	3	Ci	5	0
Clacton-on-Sea ...	1005·0	+2	WNW	4	bc-	43	85	7	2500	Cu	2	ACu	4	3
Shoeburyness	1006·3	+2	WNW	4	bc-	45	65	7	4000	Cu	4	-	2	*
Grain	1006·8	+2	W	6	b	45	75	6	-	-	0	ACu	7	*
Lympne	1007·9	+1	W	4	c-	42	75	8	2500	StCu	7	-	10	6
Scilly (St. Mary's) ...	1017·1	-1	NW'W	5	opr	45	92	8	4000	CuNb	6	-	8	0
Falmouth (Pendennis)	1015·9	0	NW	4	c+	46	85	7	4000	CuNb	8	-	8	3
Plymouth (Cattewater)	1013·9	0	NW	4	b+	46	75	8	1500	StCu	3	-	3	4
Portland Bill	1011·1	+2	NW	6	bc+	47	85	7	1500	StCu	5	-	5	3
Southampton (Calshot)	1010·3	+2	NW'W	5	bc+	45	75	8	-	-	0	Ci	8	4
Dungeness	1007·7	+1	WNW	4	c+	43	85	8	4000	CuNb	8	-	9	4
Jersey 7h / Guernsey 1h ...	1015·0	0	WNW	4	0	48	75	8	4000	StCu	9			

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 23rd-24th °F.	Temperature. Max. Day 24th °F.	Rainfall.† Night 18h.-9h. 24th mm.	Rainfall.† Day 9h.-18h. 24th mm.	Sunshine. Sunrise to 17/00 24th hr.	Sunshine. Sunrise to Sunset 24th hr.
Banff	cpr	pc	34	46	1	4	2·8	4·4
Montrose	bc	bc.c	35	52	?	-	6.6	6.6
Llandudno	c	cbcp	41	49	1	-	2·8	1.4
Colwyn Bay ...	c	co	40	49	2	-	5·1	1·8
Rhyl	q	q	42	49	-	-	5·8	2·0
Southport	oc.bc	bcpo	42	48	1	1	5·0	3·5
Blackpool	bc.c	cq	41	39	2	2	5·0	3·2
Harrogate	c	c	35	49	6	-	5·7	8·0
Skegness	ocuqpl	bccocb	40	51	-	-	7·6	6·5
Aberystwyth ...	r.o.c	bc.o	43	48	1	-	3·5	1·7
Bath	bcc	bcprh	43	51	1	1	5·5	6·1
Leamington Spa ...	cp	cph	39	53	1	1	8·0	6·0
Lowestoft	c.o.chr	o.chth	41	52	2	2	4·5	4·2
Felixstowe	c.b	bcqp	43	52	1	2	5·0	5·7
Southend	c.bcp	bcp	43	53	-	1	4·0	7·2
Paignton	bcq	pq	39	54	1	0·3	10·3	4·5
Ilfracombe	ocbc	bcobc	41	48	1	-	7.0	3·2
Bude	-	-	43	50	0·3	0·2	5·3	2·5
Penzance	c	bc	45	53	2	0·1	9·6	2·7
Falmouth Observatory	bcph	bc	44	52	-	1	11·0	4·4
Torquay	p	p	43	55	1	1	10·7	3·7
Weymouth	cp	bc	42	53	2	0·4	11·4	5·4
Bournemouth ...	b	b	41	55	1	-	11·0	5·0
Portsmouth (Southsea)	b	b	43	54	2	-	11·1	8·1
Worthing	bc	ber	44	54	-	1	7·6	7·3
Brighton	bpbc	bcpbc	45	53	1	1	8·5	7·9
Eastbourne ...	bc	crc	44	54	1	1	9·0	8·2
Hastings	c	cbccqlfk	41	53	4	2	6·6	7·4
Folkestone	bcc	cpqfl	38	49	0·4	1	9·4	8·4
Tunbridge Wells ...	v.bc	bcphc	42	54	0·3	0·3	7·1	7·6
Ramsgate	bc	bc	43	52	-	1	5·6	8·7
Margate	c.bc	bc.or	45	52	-	0·2	5·0	7·7
Deal	cpt	b.rc	44	54	-	-	5·5	6·7

* 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. 22.070 Wednesday, 26th April 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)	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	998·8	-1	SSE	4	opr	43	85	7	4000	CuNb	9	-	9	*
Stornoway	998·0	-2	NNW	3	c+	46	65	6	4000	Cu	8	·	8	*
Wick	996·4	-2	WNW	2	opr	41	97	6	2500	CuNb	10	-	10	*
Castlebay	1000·0	-4	W	4	bc	45	75	8	1500	Cu	4	-	4	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1000·9	-1	NW'N	4	epr₀	48	75	8	2500	CuNb	5	ACu	8	*
Malin Head	1000·6	-5	WSW	2	o/r	46	92	8	4000	Cu	3	A.st	10	*
Renfrew	1000·4	-4	W	3	ojp	49	65	8	2500	StCu	9	-	9	*
Edinburgh (Inchkeith)	998·2	+3	W	4	bc	48	65	8	-	Cu	6	·	6	*
Eskdalemuir	999·9	-3	W	3	bc	50	55	8	2500	Cu	5	Ci	6	*
Tynemouth	999·8	-1	NW	2	o	50	65	6	4000	St	10	-	10	*
Blacksod Point	1000·5	-6	N	2	o	45	85	8	-	-	0	ASt	10	*
Donaghadee	1003·1	-3	W	2	cpr₀	47	75	8	4000	CuNb	7	-	7	*
Birr Castle	1002·4	*	SW	1	oR	45	97	6	1500	Nb	10	-	10	*
Baldonnell	1004·7	-6	SW	3	or₀r₀	44	92	7	1500	Nb	10	-	10	*
Holyhead	1004·8	-5	SW SW	4	or₀	47	75	8	1500	StCu	2	ASt	10	*
Liverpool (Bidston)	1003·7	-3	W	5	c+	47	75	7	1500	St	7	·	7	*
Chester (Shotwick)	1003·2	-5	W	4	o	50	55	8	1500	StCu	9	CiSt	10	*
Spurn Head	1001·3	0	WNW	4	c	45	85	8	4000	CuNb	7	-	7	*
Nottingham	1003·5	*	W	4	c	50	55	6	800	CuNb	5	Ci.st	8	*
Cranwell	1003·3	-1	W'N	5	c	52	55	7	2500	Cu	6	CiSt	7	*
Gorleston	1002·8	0	NNW	4	cjp	48	97	7	4000	CuNb	7	-	7	*
...														*
Valencia (Cahirciveen)	1001·2	-9	WSW	6	o	51	92	6	450	St	10	·	10	*
Roches Point	1000·7	-15	WSW	4	or₀r₀	50	97	6	1500	Nb	10	·	10	*
Pembroke (St. Ann's H.)	1007·4	-6	SW	5	or₀+	45	85	7	1500	Nb	10	-	10	*
Ross-on-Wye	1005·9	-5	W'S	4	o+	50	55	9	2500	Nb	7	ASt	10	*
[illegible]uson	1006·3	-2	WNW	3	c+	50	55	8	-	Cu	8	-	8	*
S. Farnborough	1006·9	-3	W	4	c	54	55	8	4000	Cu	7	Ci	8	*
London (Kew Obsy.)	1006·3	-4	W'S	4	o	51	55	8	4000	StCu	7	Ci	9	*
Croydon	1006·9	-3	W'N	5	o+	51	55	8	4000	Cu	8	CiSt	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1005·6	-2	W'N	3	c+	56	45	8	4000	Cu	7	Ci	8	*
Grain	1006·1	-2	W	5	o	50	55	7	4000	CuNb	9	-	9	*
Lympne	1006·7	-2	WNW	5	c	51	55	8	2500	Cu	6	Ci.st	8	*
Scilly (St. Mary's)	1009·4	-9	SW/W	5	opr₀	48	97	6	4000	Nb	6	-	6	*
Falmouth (Pendennis)	1010·9	-6	W	6	or₀	46	92	7	4000	CuNb	10	-	10	*
Plymouth (Cattewater)	1010·3	-5	SW	4	ojp	46	85	8	1500	CuNb	10	-	10	*
Portland Bill	1008·8	-2	WSW	6	bc	49	85	7	1500	StCu	6	-	6	*
Southampton (Calshot)	1008·3	-3	W	4	o+	53	65	8	2500	Cu	7	CiSt	9	*
Dungeness	1006·9	-1	WSW	4	c+	51	75	8	4000	Cu	6	CiCu	8	*
Jersey	1012·8	-1	W	6	o/r	51	75	8	2500	StCu	10	--	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)	Cloud Low Form.	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	997·8	-1	SSE	4	opr₀	41	92	6	4000	CuNb	4	A.st	10	3
Stornoway	995·9	-4	N	2	c	44	65	6	4000	Cu	8	-	8	1
Wick	995·0	-1	WNW	4	c/r	43	85	8	2500	CuNb	4	ACu	7	3
Castlebay	996·7	-2	WSW	3	c+	45	85	7	1500	St.	7	-	7	3
Nairn	995·7	*	W	3	c/r	45	75	8	4000	CuNb	6	-	6	*
Aberdeen	996·3	-2	E	2	c	45	85	8	2500	CuNb	7	-	7	0
Malin Head	997·1	-2	NW	1	c-	44	92	7	4000	CuNb	8	-	8	2
Renfrew	996·8	-3	SW	3	ojp	46	65	8	2500	StCu	6	A-st	9	*
Edinburgh (Inchkeith)	995·3	-2	WSW	4	c+	45	65	8	-	CuNb	7	-	7	4
Eskdalemuir	997·0	-4	SW'S	4	c/r	41	85	8	1500	CuNb	8	-	8	*
Tynemouth	997·5	-2	W	2	c/r	49	75	7	4000	CuNb	5	A.st	8	0
Blacksod Point	999·1	-1	NW	6	opr₀	45	85	9	<150	St.	9	-	9	6
Donaghadee	999·0	-3	SE	1	odd	41	92	8	2500	St.	10	-	10	0
Birr Castle	997·1	*	NNE	1	or₀	43	97	6	450	Nb	10	-	10	*
Baldonnell														*
Holyhead	997·1	-7	SE'S	~~orr~~ 3	~~41~~ orr	41	92	7	800	Nb	10	-	10	1
Liverpool (Bidston)	997·7	-7	S	1	od₀	42	92	6	800	Nb	10	-	10	3
Chester (Shotwick)	997·1	-8	SSE	2	orr	42	85	7	800	Nb	7	A.st	10	*
Spurn Head	998·7	-3	WSW	3	c	47	92	5	2500	St	6	Ci	8	4
Nottingham	998·8	*	SSW	2	or₀+	46	75	6	1500	Nb	10	-	10	*
Cranwell	999·9	-4	SSW	3	o+	47	65	7	2500	StCu	3	A-st	10	*
Gorleston	1001·2	-1	WSW	3	o+	50	65	6	4000	CuNb	5	Ci.st	10	0
...														*
Valencia (Cahirciveen)	1002·7	+5	NW	5	c-	47	85	8	1500	St.	8	-	8	4
Roches Point	995·7	-4	NW	7	c-	50	97	8	800	CuNb	6	CiCu	8	6
Pembroke (St. Ann's H.)	994·7	-14	WSW	6	oD-	48	92	6	1500	Nb	10	-	10	5
Ross-on-Wye	997·8	-10	S'E	3	orr	41	92	6	1500	Nb	10	-	10	*
[illegible]uson	1001·5	-8	SSW	1	or₀+	43	92	6	-	Nb	10	-	10	*
S. Farnborough	1001·9	-7	SSW	3	orr	43	92	7	800	Nb	10	-	10	*
London (Kew Obsy.)	1002·5	-5	SW	3	orr	46	75	6	2500	StCu	10	-	10	*
Croydon	1003·5	-4	SW	4	orr	44	85	6	2500	StCu	7	A.st	10	*
Clacton-on-Sea	1002·0	-3	SW	3	o/r	49	75	6	2500	CuNb	4	A.st	10	0
Shoeburyness	1002·8	-3	W	2	od₀	47	75	6	1500	St.	10	-	10	*
Grain	1003·3	-3	WSW	2	or₀	45	85	7	2500	St.	10	-	10	0
Lympne	1004·2	-2	WSW	5	o	45	75	8	2500	Cu	1	A.st	10	*
Scilly (St. Mary's)	1001·2	-8	W	7	oDD	51	97	6	800	St	10	-	10	8
Falmouth (Pendennis)	999·4	-6	WSW	8	mo+	50	97	6	800	St.	10	-	10	4
Plymouth (Cattewater)														*
Portland Bill	999·5	-6	SW	6	or₀r₀	48	85	6	450	St.	10	-	10	6
Southampton (Calshot)	1002·1	-9	SSW	5	or₀r₀	45	97	6	1500	Nb	10	-	10	0
Dungeness	1003·8	-2	WSW	5	o	47	85	8	2500	St.	10	-	10	5
Jersey	1006·7	-4	SW	6	or	48	85	7	1500	Nb	10	-	10	6

LONDON OBSERVATIONS

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)
	24 Hours ended 0900 G.M.T. 26th										
Kew	coopo	oor	oorro	*	*	37	0·2	9	6·0	*	*
Croydon (24 hours ended 0700)	bccyo	oybcor	cqmy	*	*	36	0·1	10	7·2	*	*
Greenwich (Royal Obsy.)	bcc	bccp	oro	57	37	36	1	9	6·7	58	86
City (Bunhill Row)	*	*	*	*	*	*	*	*	6·6	*	*
Westminster (St. James' Pk.)	bc	rc	ecroo	56	38	37	11		6·8	62	84
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	6·7	*	*
Camden Sq.	b	p	:	56	36	36	-	12	*	*	86
Kensington Palace	o	odr	*	55	38	37	0·1	10	*	68 (18h.)	84
Hampstead Observatory	bc	or	or	53	35	35	3	8	7·2	*	91

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre.

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

South Kensington	Max.	Time.	Min.	Time.
	1·3	1800 24th	<0·3	2000 24th to 0500 25th
	1·3	0700 25th		
Kew Observatory	0·4	1700 24th	<0·3	0100 to 0400 25th
	0·6	0600 25th		

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 20 h. 30 m. to 26th 2 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	7·0	- -	-
δ Ursae Minoris	7·0	- -	-

RADIO DISTURBANCES (Atmospherics) AT CROYDON.*

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

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

26th & 27th April. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·35 / 4·33	11·51 / 11·51	7·6 / 7·8
Greenwich	4·45 / 4·43	11·58 / 11·58	7·11 / 7·13
Wick	4·35 / 4·32	12·10 / 12·10	7·45 / 7·48
Valencia	5·25 / 5·22	12·39 / 12·39	7·54 / 7·56

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.

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

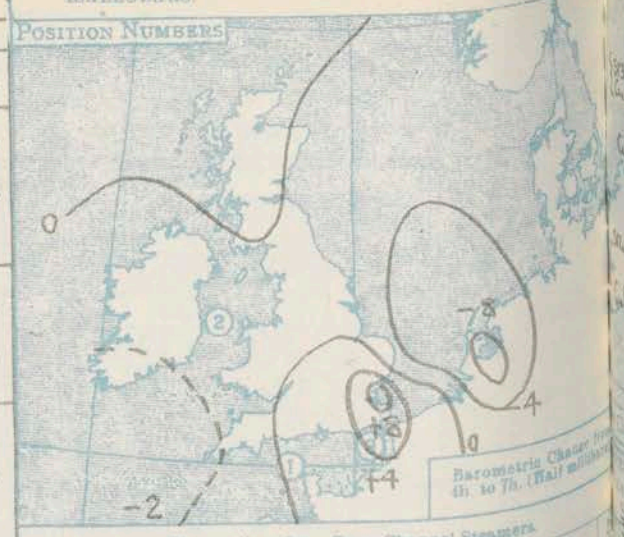
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 25th	13h.-18h. 25th	18h.-1h. 25th to 26th	1h.-7h. 26th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	r.d	p	p	p	44	39	.	1	0.5	<0800	<2100	*
Stornoway	c	c	b.be	b.be	48	30	.	–	-	–	-	10.3
Wick	omphr	ocpq	b.be	b.be	46	31	.	4	-	<0800	-	*
Castlebay	be	bc	c	cbe	45	38	.	–	-	–	-	10.6
Nairn	irbe		ihe	cq	50	31	.	0.3	1	1100	<2100	2.7
Aberdeen	cpr.	bcpr	oir.e	ebeb	48	36	29	0.2	1	<0800	<2100	3.5
Malin Head	bcp	oa	cp.	cP	46	38	.	0.3	5	1630	<2100	4.8
Renfrew	b.be	ocvpr	oRr.rm	omfx	52	31	26	Trace	3	–	<2100	9.4
Edinburgh (Inchkeith)	c	c	b.be	b.bc	51	37	33	–	–	–	–	8.2
Eskdalemuir	cbe	phe	c	c	51	30	28	3	Trace	1430	<2100	6.8
Tynemouth	cm	mo	cm	cm	51	36	31	Trace	-	1430	-	*
Blacksod Point	r.d	od	c	p	49	31	.	6	3	0900	-	*
Donaghadee	bcp	omd	c	od.	50	35	.	2	3	1330	<2100	*
Birr Castle	oiR	ORR	cop		46	34	27	5	1	<0800	<2100	0.0
Baldonnell	or.											
Holyhead	oo	orr	r.r.c	co	47	39	38	4	4	1330	<2100	1.3
Liverpool (Bidston)	bcc	cod	odr		48	37	34	1	6	1730	<2100	5.3
Chester (Shotwick)	ogo	orr	oRRrrm	or.rr	51	38	35	1	9	1530	<2100	*
Spurn Head	c	p		p	?	?	.	Trace	4	1330	120	4.8
Nottingham	c	c	rro	mrr	52	37	37	Trace	13	1730	<2100	5.1
Cranwell	c	c.o	oor	rr	53	37	37	–	10	–	<2100	8.1
Gorleston	oqr.c	cqsp	orrq	r.d	52	38	37	0.4	14	<0800	<2100	2.7
Valencia (Cahirciveen)	orm	opc	c	cpbc	52	39	36	5	2	<0800	2200	0.1
Roches Point	omrmr	jropc	cb	bbcb	55	39	.	2	-	<0800	-	*
Pembroke (St. Ann's H.)	oo	odi	oqrro	c	48	42	.	5	1	1230	<2100	0.0
Ross-on-Wye	bcqycvo	pdcor	r'rddm	idocp.	52	36	32	5	2	1330	<2100	4.5
Benson	cp	o	rr	ro	51	36	37	1	7	1730	<2100	*
S. Farnborough	bcc	corr	orro	rro	56	37	36	1	3	1730	<2100	7.9
London (Kew Obsy.)	coopo	oor	oorro	oom	53	38	37	0.2	9	1730	<2100	6.0
Croydon	becyo	oy@bor	oqrrr..	orqpm	54	37	36	0.1	10	1230	<2100	7.2
Clacton-on-Sea	bcyop		ocqqr	oqroq	54	37	37	Trace	11	1630	2200	5.3
Shoeburyness	bcc	coid	ocdrodR	orro	?56	36	27	0.1	12	1630	<2100	6.7
Grain	oo	odir	oRR	oiRr	55	36	37	0.3	6	1630	<2100	5.8
Lympne	cmbro	copr	orrir.q	oir.	53	37	36	Trace	8	1230	<2100	8.4
Scilly (St. Mary's)	bc	oqmro	oo	p	51	42	.	4	0.5	<0800	–	0.0
Falmouth (Pendennis)	cqor	omgr	cqmbc	co	51	?44	.	3	0.6	1230	<2100	2.5
Plymouth (Cattewater)	oo		or	oo	50	43	39		1		<2100	3.4
Portland Bill	c	cor	orc	c	51	42	.	1	2	1530	2200	*
Southampton (Calshot)	c	orr	r.r.o	oo	53	40	39	2	2	1330	<2100	7.1
Dungeness	c	c	qrr	c	54	40	.	0.1	8	–	<2100	*
Jersey	opco	ocir	orr	orro	52	46	.	1	4	0900	-	1.5

ISALLOBARS. 26th April

POSITION NUMBERS



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	1000. 25th	Cambria	W	5	bc	47	46
1	1200 25th	Reindeer	NW	6	O+	48	49

GENERAL INFERENCE.

The depression centred last evening over St. George's Channel has moved eastwards to Holland, but a secondary depression lies over Scotland and conditions are favourable for the development of further depressions off the West of Ireland. Though bright intervals are likely in places over the British Isles, there will be much cloud generally and some rain or showers are probable in all districts.

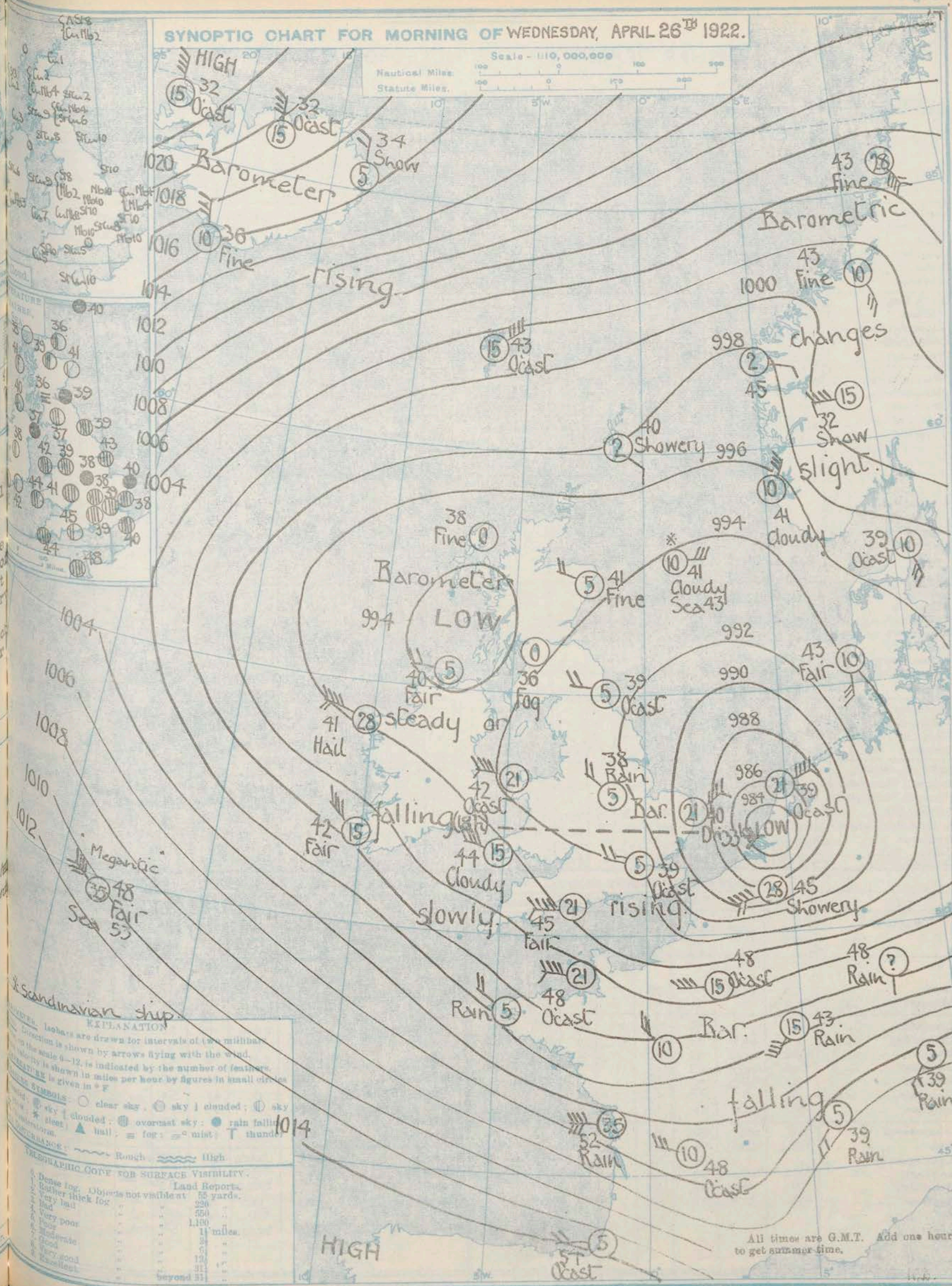
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 26th April, 1922.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind Westerly, light or moderate. much cloud at times, some showers, visibility moderate, rather cold.	Unsettled generally.
4. W. Midlands 5. S.W. England 6. South Wales	Moderate Westerly wind, fresh at times, variable cloud, some showers, perhaps rain later, visibility moderate or good. rather cold.	South Cone Hoisted at 11h. (gmt) yesterday
7. North Wales 8. N.W. England 9. N. Midlands	Wind indefinite or Westerly, light or moderate; much cloud at times, some rain or showers, some mist, rather cold.	
10. N.E. England 11. E. Scotland	Wind indefinite, light; variable cloud, some showers; mist in places, cold.	
12. S.W. Scotland 13. Isle of Man	As 7 - 9	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Wind East to Northeast, light or moderate, variable cloud, some showers, visibility mainly good; cold.	
17. N.W. Ireland	As 19 - 20.	
18. N.E. Ireland	As 7 - 9	
19. S.E. Ireland 20. S.W. Ireland	Wind between NW and SW, moderate to strong, cloudy, some showers, rain later; visibility mainly good, rather cold.	

M.A.S

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

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

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF WEDNESDAY, APRIL 26TH 1922.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
Barometer
rising
Barometric
changes
slight
Barometer
LOW
steady or
falling
slowly
rising
LOW
falling
HIGH
Megantic
Scandinavian ship
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Land Reports.
Dense fog. Objects not visible at 55 yards.
Rather thick fog
Very bad
Bad
Very poor
Poor
Moderate
Good
Very good
Excellent
beyond 31
H.M. Stationery Office Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday 26th April 1922. No. 116

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	997.0	0	SE	1	bc/r	40	92	7	4000	CuNb	5	·	5	·
Stornoway	995.2	-2	·	0	b·	·	·	6	·	·	·	·	·	·
Wick	995.1	0	WNW	2	b·	35	92	8	2500	CuNb	2	·	2	·
Castlebay	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	995.2	-1	·	0	cpr	40	97	7	4000	CuNb	7	·	7	·
Renfrew	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	993.7	0	W	2	b	39	85	7	·	·	0	·	0	·
Eskdalemuir	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	994.4	-4	WNW	1	b·	39	92	6	4000	St	2	·	2	·
Blacksod Point ...	987.0	-2	NW	4	bc·	40	85	5	-	St	6	·	6	·
Donaghadee	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Baldonnell														·
Holyhead	995.7	0	N	1	c/r	·	·	8	1500	StCu	8	·	8	·
Liverpool (Bidston) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Shotwick) ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
														·
Spurn Head														·
Nottingham	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	992.3	-6	NE	3	orr	38	97	6	800	Nb	10	·	10	·
Gorleston	991.9	-6	SSE	6	oRR	40	92	7	4000	Nb	10	·	10	·
... ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Valencia (Cahirciveen)	1001.5	-3	WNW	4	cPR	43	97	2	·	CuNb	7	·	7	·
Roches Point	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	997.9	+4	WNW	4	c	43	85	8	4000	Cu	7	·	7	·
Ross-on-Wye	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Benson...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.) ...	·	·	·	·	·	48	·	·	·	·	·	·	·	·
Croydon	988.4	-6	WSW	5	orr	48	97	7	1500	Nb	9	A St	10	·
Clacton-on-Sea ...	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Shoeburyness	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Grain	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	988.1	-9	WSW	7	or	47	97	8	800	Nb	10	·	10	·
Scilly (St. Mary's) ...	1000.9	0	NW	6	b	47	85	5	4000	CuNb	3	–	3	·
Falmouth (Pendennis)	999.8	+2	NW	6	bc·	50	92	7	5750	Cu	5	·	5	·
Plymouth (Cattewater)	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	994.2	-1	W	6	c/r	45	85	7	1500	StCu	7	·	7	·
Southampton (Calshot)	992.1	-1	WNW	6	o/r	48	92	8	1500	St	10	·	10	·
Dungeness	988.6	-8	WSW	5	orr	48	97	8	4000	Nb	10	·	10	·
Jersey 7h } ... ... Guernsey 1h }	997.1	-5	W	6	o/r	50	97	6	5750	St	10	·	10	·

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	998.0	+1	ESE	1	opr	40	92	7	-	CuNb	2	ASt	10	0
Stornoway	994.7	+1	-	0	b·	38	92	7	·	·	0	·	0	0
Wick	995.1	0	WNW	2	ct	36	92	8	4000	Cu	1	Ci	8	0
Castlebay	994.0	0	NE	1	bc	41	85	8	2500	St	5	·	5	1
Nairn	994.4	·	·	0	bct	39	85	8	4000	CuNb	6	·	6	·
Aberdeen	994.6	0	WNW	2	b/r	41	85	7	4000	StCu	2	·	2	0
Malin Head	993.3	-1	W	2	bc/r	40	97	8	4000	Cu	3	CiCu	5	2
Renfrew	994.1	0	·	0	ffo	36	97	3	2500	StCu	9	·	9	·
Edinburgh (Inchkeith)	993.6	-1	E	3	ojp	39	85	7	-	StCu	10	·	10	3
Eskdalemuir	993.7	0	-	0	c	37	75	8	1500	StCu	8	·	8	·
Tynemouth	993.8	-2	WNW	2	o	39	92	6	4000	StCu	10	·	10	0
Blacksod Point ...	995.6	-1	NW	6	cpb	41	85	7	-	St	7	·	7	6
Donaghadee	995.4	-1	WNW	1	odd	37	92	7	-	-	0	ASt	10	0
Birr Castle	997.9	·	W	1	bc·	38	92	8	4000	StCu	6	·	6	·
Baldonnell													9	·
Holyhead	993.9	-1	WNW	5	o	42	85	8	4000	StCu	9	·	10	4
Liverpool (Bidston) ...	993.4	0	W	1	o/r	39	92	6	800	St	10	·	10	2
Chester (Shotwick) ...	992.8	-1	SSW	1	orr	40	92	6	800	Nb	10	·	10	·
													10	4
Spurn Head	991.5	-1	WNW	4	o/r	43	92	6	1500	St	10	·	10	·
Nottingham	993.0	·	NW	2	oRR	38	92	6	800	Nb	10	·	10	·
Cranwell	992.6	0	NW	4	orr	38	97	6	800	Nb	10	·	8	4
Gorleston	988.7	-3	NE'E	5	cd·	40	92	7	4000	CuNb	8			
													5	4
Valencia (Cahirciveen)	998.6	-2	NW'N	4	bc·	42	75	8	2500	StCu	5	·	3	0
Roches Point	997.1	-3	WNW	3	b·	42	92	8	2500	CuNb	3	·	7	4
Pembroke (St. Ann's H.)	996.5	-1	WNW	4	c	44	85	8	4000	Cu	7	·	9	·
Ross-on-Wye	999.8	0	SW'S	2	o/r	41	85	9	4000	CuN	8	ACu	10	·
Benson...	993.9	+3	NW	2	o/r	38	92	5	·	St	10	·	10	·
S. Farnborough ...	993.3	+5	WNW	3	o	39	92	7	1500	Nb	10	·	10	·
London (Kew Obsy.) ...	994.1	+6	WNW	2	mmo	39	85	5	2500	StCu	8	A St	10	·
Croydon	993.8	+6	NW	5	o/r	38	92	6	800	St	9	A St	10	0
Clacton-on-Sea ...	989.9	+8	NW	4	o/r	38	97	7	2500	St	10	·	10	·
Shoeburyness	991.6	+8	WNW	3	o/r	38	85	7	1500	StCu	10	·	10	3
Grain	992.3	+7	NW	6	o/r	39	92	7	1500	StCu	10	·	10	·
Lympne	992.0	+7	W	6	o	37	92	7	800	St	10	·	10	5
Scilly (St. Mary's) ...	998.8	-3	NW	oPR	oPR	44	85	8	4000	StCu	10	–	10	0
Falmouth (Pendennis)	998.1	-2	-	0	o+	44	85	7	5750	Cu	5	ASt	10	0
Plymouth (Cattewater)	997.6	-1	W	2	ojp	44	75	8	1500	St	10	·	5	5
Portland Bill	995.5	+1	W	5	bc·	45	85	7	1500	StCu	5	·	10	0
Southampton (Calshot)	995.6	+3	NW'N	3	o	42	85	8	·	-	0	CiSt	10	5
Dungeness	992.4	+5	WNW	5	o	40	92	7	4000	Nb	10	·	10	4
Jersey 7h } ... ... Guernsey 1h }	998.6	0	WNW	5	o/r	48	85	8	2500	StCu	10	·		

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 24h. °F.	Temperature. Max. Day 25h. °F.	Rainfall.† Night 17h.-9h. 24th-25th mm.	Rainfall.† Day 9h.-17h. 25th mm.	Sunshine. Sunrise to 17h. 25th hr.	Sunshine. Sunrise to Sunset 24th hr.
Banff	cp	pcbc	34	48	4	0.3	3.4	2.8
Montrose	cbc	bc	40	51	-	-	5.2	6.6
Llandudno	co	or	42	48	0.2	0.3	0.9	3.1
Colwyn Bay ...	c	bccb	42	49	-	-	2.0	5.8
Rhyl...	cbc	bccr	42	50	-	1	3.8	6.2
Southport	cbc	bcco	42	48	1	-	7.4	7.2
Blackpool	c	cbcp	42	50	1	1	7.5	5.2
Harrogate	b	b	39	50	-	-	10.3	6.7
Skegness	oc	co	40	54	-	-	4.4	7.6
Aberystwyth ...	ocb	oro	44	48	-	3	1.7	4.2
Bath	b.bcc	cor	42	51	-	1	4.7	5.9
Leamington Spa ..	-	-	38	51	-	1	5.7	9.5
Lowestoft	oc.o	oc	40	55	0.1	-	2.8	4.5
Felixstowe	o	cm	40	54	-	-	3.9	5.6
Southend	cbc	bc.c	38	55	-	-	7.0	4.7
Paignton	bcgorp	orq	42	52	0.3	2	3.1	7.0
Ilfracombe	co	or	43	48	1	5	3.9	5.3
Bude	p	p	43	50	2	2	0.2	10.8
Penzance	coc	or	43	51	1	5	0.0	12.2
Falmouth Observatory	bcod	cdoq	43	51	0.3	5	2.4	11.5
Torquay	p	p	39	52	0.1	1	4.3	13.3
Weymouth	bcpbc	cor	41	55	-	2	4.6	11.5
Bournemouth ...	bc	o	41	55	-	1	3.6	12.7
Portsmouth (Southsea)	b	o	41	54	-	-	7.7	9.0
Worthing	bc	co	39	54	-	-	7.5	10.0
Brighton	pc	bccd	41	52	-	-	7.4	10.2
Eastbourne .. .	bc	co	42	52	-	-	8.3	6.6
Hastings	cbcc	cobco	38	53	1	-	8.4	9.6
Folkestone	c	ogo	38	53	3	0.1	9.3	7.8
Tunbridge Wells ...	bc	bcco	38	53	1	-	6.2	5.9
Ramsgate	bc	bc	35	53	4	-	6.7	5.2
Margate	c	bco	40	53	2	-	4.1	5.5
Deal	pc	bcco	40	54	1	-	4.7	

* 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 4.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22,071 THURSDAY 27TH APRIL 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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	999.3	+2	NE	1	bc-	45	75	7	4000	Cu	2	ASt	5	•
Stornoway	998.0	+3	E	4	b-	47	75	7	4000	Cu	2	–	2	•
Wick	996.3	0	ENE	3	o+	45	85	8	2500	CuNb	9	–	9	•
Castlebay	996.2	+2	NE	3	bc	47	75	8	1500	Cu	4	–	4	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.4	+1	ENE	3	o	46	85	7	4000	StCu	10	–	10	•
Malin Head	993.6	0	N	1	bc	43	97	8	4000	Cu	3	CiCu	5	•
Renfrew	993.8	0	NE	4	pro	46	75	6	2500	StCu	10	–	10	•
Edinburgh (Inchkeith)	994.2	-1	E	2	c-	45	85	8	–	CuNb	1	Ci	7	•
Eskdalemuir	993.5	0	E	4	o	42	75	8	2500	StCu	9	CiSt	10	•
Tynemouth	993.7	0	NNW	3	bc	44	85	8	4000	CuNb	3	CiCu	5	•
Blacksod Point	996.0	-1	N	4	c-	44	85	8	–	St	7	–	7	•
Donaghadee	994.8	0	NNE	2	c	44	85	8	5700	StCu	5	ACu	8	•
Birr Castle	994.8	•	W	1	bc	47	75	8	4000	StCu	6	–	6	•
Baldonnell														•
Holyhead	993.5	0	NNW	4	c	42	85	9	1500	Cu7	7	ASt	8	•
Liverpool (Bidston)	992.9	-1	WNW	2	c	43	85	8	1500	StCu	7	–	7	•
Chester (Shotwick)	991.8	-1	NW	4	c	47	75	8	2500	CuNb	4	Ci	8	•
Spurn Head	991.9	0	NNE	3	c	45	85	8	4000	CuNb	7	–	7	•
Nottingham	992.3	•	E	1	o	45	85	6	800	Nb	8	ASt	10	•
Cranwell	993.1	0	N	2	roro	40	97	6	800	Nb	10	–	10	•
Gorleston	992.0	+1	N'W	3	r-	42	92	5	4000	Nb	10	–	10	•
...														•
Valencia (Cahirciveen)	998.5	0	WNW	4	bc-	45	75	9	2500	StCu	3	ACu	4	•
Roches Point	996.3	0	NW	5	cjp	48	85	8	2500	CuNb	5	Ci	8	•
Pembroke (St. Ann's H.)	995.4	-2	NW	3	bc	45	85	8	4000	Cu	6	–	6	•
Ross-on-Wye	992.8	-2	NW	4	co	49	55	9	4000	CuNb	8	–	8	•
Benson	992.5	-2	Calm	0	bc	48	75	8	–	Cu	6	–	6	•
S. Farnborough	993.4	-2	WSW	3	cjp	48	65	8	1500	Cu	6	Ci	7	•
London (Kew Obsy.)	992.9	-2	WNW	2	bc	48	65	8	4000	Cu	6	–	6	•
Croydon	993.5	-1	WNW	4	bc-	48	65	7	4000	Cu	6	–	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	993.1	0	NW	2	mmo	46	75	5	2500	Cu	3	ASt	8	•
Grain	993.1	0	NW	1	o	46	75	6	1500	StCu	9	–	9	•
Lympne	993.1	-1	W	4	o-	47	75	6	800	Cu	9	–	9	•
Scilly (St. Mary's)	997.9	0	NW	6	bcpr	49	75	8	4000	CuNb	5	–	5	•
Falmouth (Pendennis)	996.6	-4	NW	4	PR-	46	85	7	4000	CuNb	7	–	7	•
Plymouth (Cattewater)	995.3	-2	NW	2	pro	?	92	7	800	Nb	10	–	10	•
Portland Bill	995.5	0	W	4	bc	47	85	7	1500	StCu	5	–	5	•
Southampton (Calshot)	993.2	-3	N'W	2	c	50	65	8	4000	Cu	8	–	8	•
Dungeness	993.6	0	WSW	3	c-	49	73	7	2500	Nb	8	–	8	•
Jersey	996.2	-1	W	4	o	48	75	8	1500	Nb	10	–	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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1000.2	+1	NNE	2	bc	44	75	7	–	CuNb	3	ACu	4	1
Stornoway	999.6	+4	E	6	bc	45	85	7	4000	Cu	4	–	4	4
Wick	998.4	+3	ENE	4	c	43	92	8	4000	Cu	3	CiSt	8	1
Castlebay	998.8	+2	NNE	4	bc+	46	75	8	2500	Cu	2	ASt	6	3
Nairn	998.1	•	ENE	3	c	43	85	8	5700	StCu	7	–	7	•
Aberdeen	996.9	+1	NE'N	3	b-	42	85	7	4000	CuNb	2	Ci	3	0
Malin Head	995.9	+3	N	3	bc-	45	97	8	4000	Cu	5	–	5	1
Renfrew	996.2	+4	NNE	2	pro	43	75	6	2500	StCu	9	Ci	10	•
Edinburgh (Inchkeith)	995.6	+2	E	2	c-	43	85	8	–	CuNb	2	CiSt	8	3
Eskdalemuir	994.8	+2	NE	4	ojp	41	75	8	2500	StCu	8	CiSt	1	•
Tynemouth	994.0	+1	NNE	3	b	43	92	7	4000	CuNb	2	CiCu	3	2
Blacksod Point	997.6	+2	NW	5	cph	45	75	9	–	CuNb	7	–	7	4
Donaghadee	995.4	+1	NNE	1	c-	43	85	7	5700	StCu	4	CiSt	8	1
Birr Castle	995.8	•	NW	1	bc	45	75	7	4000	CuNb	6	–	6	•
Baldonnell														•
Holyhead	994.1	+1	NNE	3	o	43	85	8	2500	StCu	9	–	9	2
Liverpool (Bidston)	993.4	+1	NW	1	bc	43	85	9	–	Cu	2	CiSt	4	2
Chester (Shotwick)	992.4	+1	NW	4	c-	44	75	8	2500	Cu	4	CiSt	7	•
Spurn Head	991.7	-0	NNE	4	bc	44	85	7	4000	CuNb	5	–	5	3
Nottingham	992.8	•	NNE	2	o	39	92	4	800	Nb	10	–	10	•
Cranwell	992.9	+1	NNE	2	o	41	85	7	800	StCu	10	–	10	•
Gorleston	992.2	0	NW	1	dodo	41	92	6	4000	Nb	10	–	10	1
...														•
Valencia (Cahirciveen)	999.0	+1	NW'N	3	b	42	85	8	1500	StCu	1	ACu	3	4
Roches Point	996.8	+1	NW	4	c	47	85	9	2500	CuNb	7	–	7	0
Pembroke (St. Ann's H.)	995.4	0	WNW	3	bc	45	85	8	4000	Cu	6	–	6	3
Ross-on-Wye	993.5	+1	SSW	2	o	41	85	9	4000	CuNb	9	–	9	•
Benson	993.0	0	N	2	bc	44	65	9	–	StCu	6	–	6	•
S. Farnborough	992.6	+1	W'S	2	o	46	75	7	2500	CuNb	9	–	9	•
London (Kew Obsy.)	992.2	+0	WSW	1	c	47	65	7	4000	CuNb	4	ACu	7	•
Croydon	992.7	-0	W'N	3	c	47	65	6	4000	StCu	7	–	7	•
Clacton-on-Sea	991.8	-1	WNW	1	c	48	75	5	5700	StCu	8	–	8	0
Shoeburyness	992.2	-1	W	1	orr	42	85	6	450	Nb	10	–	10	•
Grain	992.4	-2	NW	3	o	44	75	7	1500	Nb	9	ASt	10	0
Lympne	992.6	+1	N	2	tlr	43	85	7	1500	Nb	9	ASt	10	•
Scilly (St. Mary's)	997.9	0	NW	6	bcpH	46	75	8	4000	CuNb	6	–	6	6
Falmouth (Pendennis)	996.0	0	NW	5	bc	46	75	8	4000	CuNb	5	–	5	4
Plymouth (Cattewater)	995.3	+1	WNW	5	bc+	46	65	8	2500	Cu	4	–	4	1
Portland Bill	995.5	0	W	3	bc	49	85	7	1500	Cu	4	–	4	3
Southampton (Calshot)	993.6	+2	WNW	4	gp	42	85	7	4000	CuNb	5	Ci	8	3
Dungeness	992.2	-1	WSW	4	bc+	45	92	6	–	–	–	ASt	6	4
Jersey	995.9	0	W	4	bc	47	75	8	4000	StCu	6	–	6	4

London Observations

24 Hours ended 0900 G.M.T. 27th (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	omcbc	bcothpod	oop0o	•	•	35	0.2	0.2	4.0	•	•
Croydon (24 hours ended 0700)	oo	cz	bPRHo	•	•	33	-	4	4.1	•	•
Greenwich (Royal Obsy.)	o	orrobc	or	53	38	31	1	1	3.6	65	77
City (Bunhill Row)	•	•	•	•	•	•	•	•		•	•
Westminster (St. James' Pk.)	•	•	•	54	39	34	2.4			67	78
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	4.6	•	
Camden Sq.	o	p	•	54	38	35	1	1	•	*	81
Kensington Palace	o	o.bc	•	52	39	35	-	3	•	62 (18h.)	78
Hampstead Observatory	•	•	•			•				•	

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 26th

South Kensington

Max.	Time.	Min.	Time.
1.3	1800 25th	<0.3	0100 to 0500 26th
2.0	0800 26th		

Kew Observatory

Max.	Time.	Min.	Time.
0.5	0700 26th	<0.3	0200 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 20 h. 30 m. to 27th 3 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	7.0	- -	-
β Ursae Minoris	7.0	- -	-

Radio Disturbances (Atmospherics) at Croydon.‡

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
1h.	-	-	-	-
7h.	-	-	-	-
13h.	-	-	-	-
18h.	-	-	-	-
21h.	-	-	-	-

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

27th & 28th April 1922

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.33 / 4.30	11.51 / 11.50	7.8 / 7.10
Greenwich	4.43 / 4.41	11.58 / 11.57	7.13 / 7.15
Wick	4.32 / 4.29	12.10 / 12.9	7.48 / 7.50
Valencia	5.22 / 5.20	12.39 / 12.38	7.56 / 7.57

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.
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 2

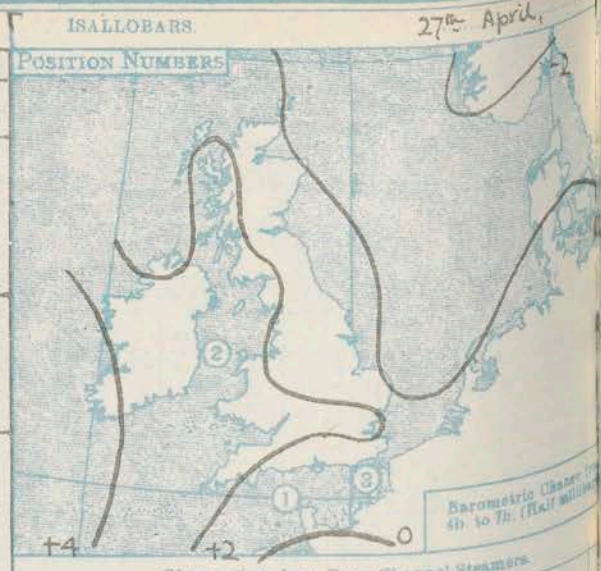
M.O. Form 2370.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.-13h. 26th	13h.-18h. 26th	18h.-1h. 26th to 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	b-bc	c	b.bc	47	39	.	–	1	–	<2100	.
Stornoway	b	bc	c	p	48	35	.	–	2	–	–	11.7
Wick	c	c	op.	op.c	45	38	.	–	0.6	–	2400	.
Castlebay	b-bc	bc	cb	bopc	49	41	.	–	0.5	–	–	10.5
Nairn	becg		iRqc	qcb	48	39	.	–	2	–	1.30	4.3
Aberdeen	copro	oprc	bbc	bcb	49	40	36	0.2	–	09.00	–	3.2
Malin Head	b-bc	b-bc	c	c	45	43	.	–	–	–	–	10.0
Renfrew	oind.pr.	oiprm	omr.	oir.om	48	38	32	0.2	trace	09.00	–	4.3
Edinburgh (Inchkeith)	c	oa	b.be	c	48	39	37	–	–	–	–	3.8
Eskdalemuir	c	prhzjp	oprc	oim	42	34	32	trace	2	1530	<2100	3.0
Tynemouth	bcm	bc	cp.q.	PRH	46	39	36	?	1	<0800	2200	.
Blacksod Point ...	p	h-rh		horh	46	40	.	4	5	0900	–	.
Donaghadee	omrs	id.	bcq	omp	45	42	.	8	2	<0800	<2100	.
Birr Castle	cproh	coPH	cpro.h	co	48	33	28	2	1	1100	<2100	7.5
Baldonnell												
Holyhead	oc	coro	or.oc	oo	45	40	39	0.2	–	17.30	–	8.6
Liverpool (Bidston) ...	R bc	bc	bc		46	39	36	7	–	<0800	–	6.1
Chester (Shotwick) ...	or.Poc	c	ooor.m	oom	47	37	35	2	0.2	<0800	2200	.
Spurn Head	c	b-bc		c	49	38	.	–	0.2	–	6.30	3.6
Nottingham	oo	.ph.	po	oo	45	36	33	1	0.1	<0800	<2100	0.0
Cranwell	rrr.	ropr	opebc	om	43	33	30	10	0.1	<0800	<2100	0.5
Gorleston	orrm	orrm	od.c	cm	45	36	33	6	1	<0800	<2100	0.0
Valencia (Cahirciveen)	cpbc	bcphb	bbcp	bccp	48	37	35	1	4	0900	<2100	8.2
Roches Point	cqmp	cph.c	bcb	b.bc.c	50	39	.	0.3	–	11.00	–	.
Pembroke (St. Ann's H.)	c	c	b.bc	cporr	47	38	.	–	1	–	2400	1.6
Ross-on-Wye	cvbcv	cvopr.c	pcbcvb	bwbc	50	31	27	1	0.2	13.30	<2100	4.5
Benson	oc	p	co	r	50	35	28	0.1	1	–	4.30	.
S. Farnborough ...	ojpc	coopr.	oro	r.r.	54	37	33	trace	trace	17.30	<2100	4.3
London (Kew Obsy.) ...	omcbc	bcarnpoc	oop.o	om	49	39	35	0.2	0.2	1330	2200	4.0
Croydon	oo	cz	bPrHo	om	51	38	33	–	4	–	<2100	4.1
Clacton-on-Sea ...	odcm		cotLr	ombcz	48	39	37	–	2	–	<2100	3.0
Shoeburyness	f-m	cmorr	orr	oirbc	49	37	33	0.5	3	1730	<2100	2.8
Grain	ocoee	cir.	oodir	ooir	50	38	38	trace	0.2	16.30	<2100	1.9
Lympne	oo	ompr	oprcpbc	b.bccm	49	35	34	trace	3	15.30	<2100	3.0
Scilly (St. Mary's) ...	bcq	bcqHH	bccqp	c	50	42	.	2	0.4	<0800	<2100	8.3
Falmouth (Pendennis)	qcpq	cbcpq	bcb	bp	50	39	.	2	0.5	<0800	5.30	6.9
Plymouth (Cattewater)	p	prhbc	bc	bc	48	34	30	2	1	–	<2100	4.4
Portland Bill	c	corc	cpbc	bcb	51	39	.	1	4	–	<2100	.
Southampton (Calshot)	c	p	ojpropd	b	51	33	30	trace	1	0900	<2100	1.9
Dungeness	c	qp	pbcb	cm	50	38	.	06	trace	16.30	<2100	.
Jersey	oco	ophc	coc	copco	51	40	.	2	0.4	15.30	4.30	2.0

Isallobars

27th April,



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	0300. 26th	"Dieppe"	WNW	7	o/r	40	47
2	1000. 26th	"Cambria"	WNW	5	bcv	43	46
3	0200. 27th	"Dieppe"	NW	3	pr.	42	47

General Inference.

A depression is almost stationary over Denmark and pressure has become high in Iceland. For the next day or two winds are likely to be from a Northerly point with a rather low temperature. Some showers are to be expected in all districts but there will be considerable fair periods.

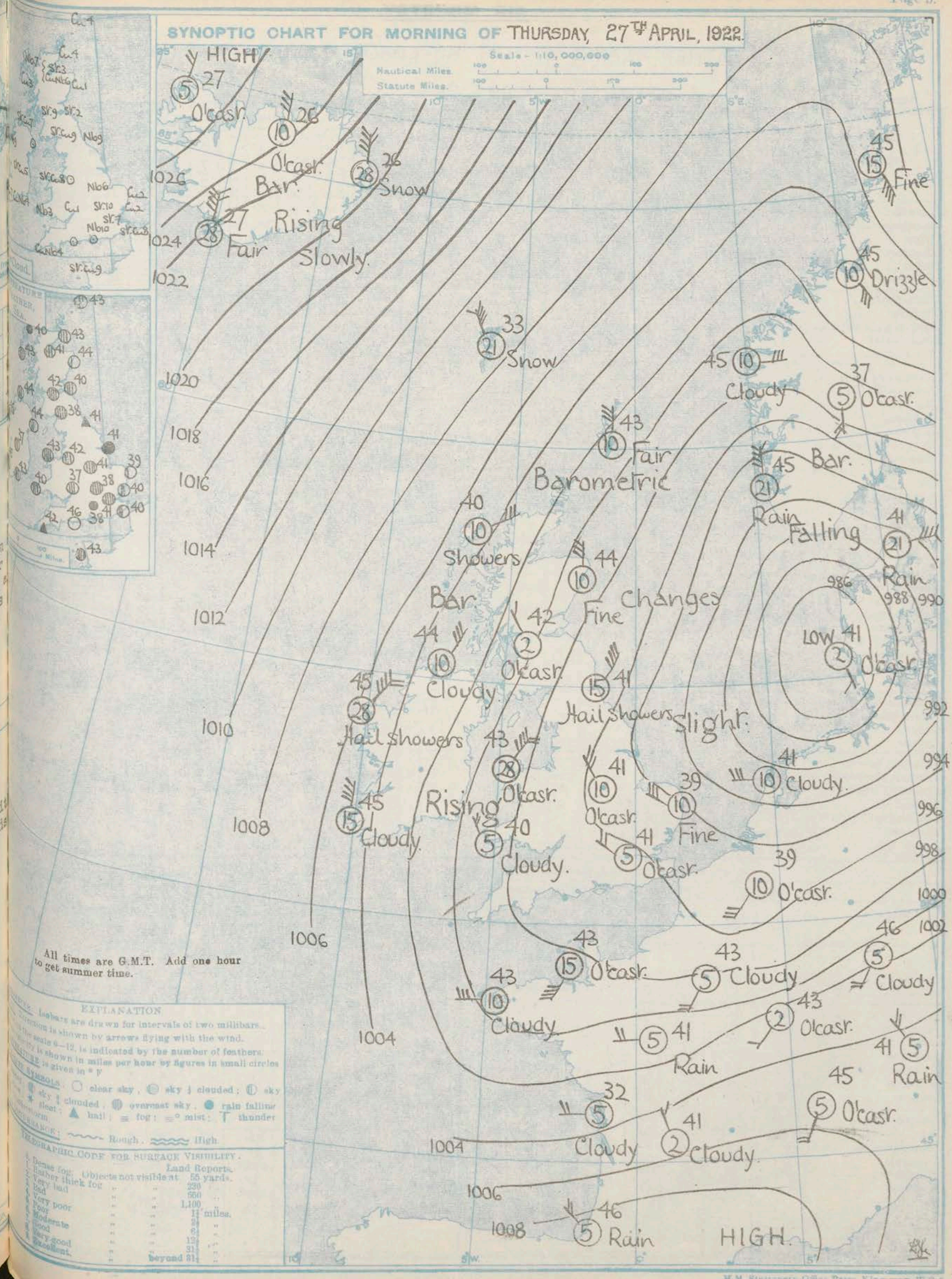
Forecasts for the 24 hours commencing 15h G.M.T. Thursday, 27th April, 1922.

Districts.	Forecasts	Further Outlook.
1. S.E. England 2. E. England	Wind Northerly, moderate, fresh locally; considerable fair periods but some showers in places and perhaps rain on coasts; visibility mainly good; rather cold.	
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind Northerly, moderate, fresh in places; some showers of rain or hail in places but considerable fair periods; visibility mainly good; rather cold.	Rather cold with Northerly winds
10. N.E. England	Same as 1 and 2.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.&N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Same as 3 to 9.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind Northerly, moderate; fair but rain or hail showers in places; visibility good; rather cold.	

7.45

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.05 GMT. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. THURSDAY 27th APRIL 1922. No. 118.

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	1001·6	0	N	3	c/r	40	92	6	-	CuNb	2	ASt	7	*
Stornoway	1004·7	+3	NE	5	0	*	*	5	*	*	*	*	*	*
Wick	1001·2	+1	N	2	opr	42	97	8	4000	Nb	9	-	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1000·7	+2	NE	3	c	44	97	7	5750	StCu	7	-	7	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	998·0	0	NE	3	b-	40	85	8	-	StCu	2	-	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	994·9	0	NNE	4	bcpr	41	92	7	4000	CuNb	6	-	6	*
Blacksod Point ...														*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	996·5	+1	NE	5	c-	*	*	8	2500	StCu	8	-	8	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head														*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	995·4	+1	NW	3	mb	36	97	4	-	-	0	-	0	*
Gorleston	993·2	+1	WNW	3	c/r	39	97	7	4000	Nb	8	-	8	*
... ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1001·4	+2	NW	4	cPH	42	97	4	-	CuNb	7	-	7	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Anu's H.)	996·8	+1	NW	3	bcpr	40	92	8	-	Nb	6	-	6	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	*	*	*	*	*	40	*	*	*	*	*	*	*	*
Croydon	994·6	+1	WNW	3	0+	40	92	6	1500	St	10	-	10	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	994·1	+1	NW	3	b-	37	92	7	1500	St	2	-	2	*
Scilly (St. Mary's) ...	998·2	0	NW	4	bcpr	45	75	8	4000	CuNb	6	-	6	*
Falmouth (Pendennis)	998·1	0	WNW	3	bc-	41	85	8	4000	Cu	4	-	4	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	996·6	+1	W'N	4	b-	46	85	7	-	-	0	CiCu	2	*
Southampton (Calshot)	996·1	+2	W	3	b/r	38	97	8	-	-	0	-	0	*
Dungeness	994·0	0	NW	2	b	38	97	8	-	-	0	-	0	*
Jersey 7h } ... ... Guernsey 1h }	998·3	+2	WNW	4	bcph	44	75	9	4000	CuNb	5	-	5	*

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	1001·9	0	N	3	bc-	43	75	8	7250	Cu	4	Ci	5	2
Stornoway	1005·4	+2	NE	3	cpr	40	92	6	4000	Nb	7	-	7	2
Wick	1000·8	0	N	4	bc/r	43	92	8	5750	Cu	4	ACu	6	1
Castlebay	1006·0	+1	N	4	bc-	43	85	7	1500	Cu	3	~~CiCu~~ ASt	6	4
Nairn	1001·8	*	NNE	4	c/r	41	85	8	1500	CuNb	8		8	*
Aberdeen	999·2	0	N	3	b	44	85	7	1500	Cu	1	-	1	0
Malin Head	1002·7	+1	NE	3	c-	44	97	7	5750	StCu	7	-	7	1
Renfrew	1001·3	+2	NW	1	o/r	42	85	6	4000	St	9	-	9	*
Edinburgh (Inchkeith)	999·4	+2	NNW	3	o+	40	85	7	-	StCu	2	ACu	9	3
Eskdalemuir	999·2	+3	N'E	4	o	38	85	8	2500	StCu	9	-	9	*
Tynemouth	996·3	+1	NNE	4	OPH	41	92	7	2500	Nb	9	-	9	3
Blacksod Point ...	1006·0	+4	NE	6	OPH	45	85	8	-	CuNb	9	-	9	6
Donaghadee	1002·1	+3	NNE	3	bc-	44	85	8	-	-	0	CiCu	4	2
Birr Castle	1003·0	*	NW	1	c+	37	97	7	4000	StCu	5	ACu	7	*
Baldonnell														*
Holyhead	999·5	+2	NNE	6	o	43	75	7	1500	StCu	8	ACu	9	4
Liverpool (Bidston) ...	997·5	+2	N	3	c-	42	75	8	-	-	0	CiSt	7	3
Chester (Shotwick) ...	996·9	+4	NNW	4	o-	42	85	6	2500	StCu	4	CiSt	9	*
Spurn Head													10	4
Nottingham	993·7	0	NNW	6	opr	41	92	7	4000	Cu	10	-	9	*
Cranwell	995·8	*	NW	3	o-	41	85	3	1500	Nb	6	CiSt	10	*
Gorleston	993·3	0	NW	4	o	38	92	6	2500	StCu	10	-	3	0
	994·1	0	WNW	3	b-	39	92	6	4000	Cu	2	CiSt		*
Valencia (Cahirciveen)	1005·2	+5	N	4	c+	45	75	8	2500	StCu	7	-	7	4
Roches Point	1002·6	+3	NW	4	c	43	92	8	2500	CuNb	4	Ci	7	0
Pembroke (St. Anu's H.)	998·9	+3	NNW	2	c/r	40	97	8	1500	Nb	3	CiSt	7	4
Ross-on-Wye	997·9	+2	SW'S	2	bc-	37	92	7	4000	Cu	1	ACu	6	*
Benson...	996·4	+3	NW	1	o/r	38	97	5	-	St	10	-	10	*
S. Farnborough ...	996·7	+2	WNW	2	or	38	92	6	1500	Nb	10	-	10	*
London (Kew Obsy.)...	996·6	+3	WNW	2	o	41	85	6	2500	St	7	ASt	10	*
Croydon	996·4	+2	W'S	3	o	39	97	5	1500	St	10	-	10	*
Clacton-on-Sea ...	994·9	+2	WNW	3	bc/r	40	92	6	2500	Cu	2	ACu	5	0
Shoeburyness	995·6	+2	NW	1	bc/r	41	85	6	2500	StCu	4	ACu	5	*
Grain	996·1	+3	-	0	o	41	92	6	1500	St	10	-	10	0
Lympne	995·8	+2	WNW	3	o+	39	92	6	800	St	10	-	10	*
Scilly (St. Mary's) ...	998·8	0	-	0	bc-	43	75	8	4000	Cu	6	-	6	3
Falmouth (Pendennis)	998·9	+2	WNW	1	bcPH	42	85	8	4000	CuNb	4	-	4	0
Plymouth (Cattewater)	998·4	+1	-	0	b+	39	85	8	1500	StCu	3	-	3	0
Portland Bill	997·2	+1	W'N	2	b	46	85	7	-	-	0	-	0	0
Southampton (Calshot)	997·5	+2	NW	2	b+	38	85	7	-	-	0	Ci	3	3
Dungeness	996·0	+2	NW	2	c+	41	97	6	4000	StCu	8	-	8	3
Jersey 7h } ... ... Guernsey 1h }	996·6	0	SW	4	o/r	43	75	8	4000	StCu	9	-	9	4

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

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.	
Banff	cpc	cpo	33	45	0·2	0·4	2·2	5·1
Montrose	c	c	36	45	3	0·4	6·5	5·9
Llandudno	cbc	bc	37	46	7	-	7·3	0·9
Colwyn Bay ...	rbc	bc	37	48	9	-	7·3	2·0
Rhyl...	c	bc	38	46	10	-	7·0	3·8
Southport	ocbcc	cbcco	38	?	5	-	5·2	7·4
Blackpool	o	co	39	45	6	0·1	0·8	7·5
Harrogate	co	or	34	46	7	2	1·4	11·5
Skegness	rop	po	39	54	8	7	0·0	4·4
Aberystwyth ...	rcb	bbb	38	47	8	-	9·5	1·7
Bath	bcbcb	bbcbo	38	52	5	-	6·0	4·7
Leamington Spa ...	-	-	34	48	2	6	1·2	0·0
Lowestoft	op	or	37	44	-	3	14·0	4·2
Felixstowe	om	c	36	48	13	-	2·3	4·0
Southend	c	bc	36	51	9	-	2·4	7·0

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 25th	Temperature. Max. Day 26th	Rainfall.† Night 17h.-9h. 25-26	Rainfall.† Day 9h.-17h. 26	Sunshine. Sunrise to 17h. 26	Sunshine. Sunrise to Sunset 25
			°F.	°F.	mm.	mm.	hr.	
Paignton	oohp	bcpq	42	51	3	3	1	3
Ilfracombe	cp	cbc	41	48	2	1	5·3	3·9
Bude	prh	b	43	49	1	2	4·5	0·2
Penzance	rocbc	bc	43	51	2	-	7·9	0·0
Falmouth Observatory	cdr	bcb	42	51	3	1	6·6	2·1
Torquay	p	p	42	52	1	2	2·9	4·3
Weymouth	obc	cpc	40	54	3	2	4·0	4·6
Bournemouth ...	oob	rr	39	52	3	4	3	10
Portsmouth (Southsea)	bc	o	40	54	5	1	3·9	7·7
Worthing	cbcc	lrrh	40	52	7	7	2·6	7·5
Brighton	bc	p	35	48	3	7	1·0	6·7
Eastbourne	c	chpor	39	51	8		3·5	8·3
Hastings	ocbc	bclro	39	50	9	-	4·0	8·8
Folkestone	o	bcc	39	50	7	-	2·6	9·5
Tunbridge Wells ...	oc	cbcc	37	52	8	-	5·1	6·2
Ramsgate	o	bc	36	47	6	-	3·1	6·7
Margate	o	bbc	38	47	6	-	3·0	4·1
Deal ...	qo	co	37	49	11	-	0·8	4·7

* 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.22,072 FRIDAY, 28th APRIL 1922. Page 1.

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	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1000.9	0	NE	3	bc	47	75	7	4000	CuNb	4	-	4	•
Stornoway	1006.5	+1	NE	5	c|r	43	75	6	4000	Cu	7	-	7	•
Wick	1001.0	0	NNW	5	oPH	44	85	8	4000	CuNb	8	CiSt	9	•
Castlebay	1007.8	+1	NNW	4	c	43	85	6	1500	Cu	7	-	7	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	999.7	+1	N'W	4	cph$_o$	42	85	8	2500	CuNb	8	-	8	•
Malin Head	1005.5	+1	NE	4	bc	45	97	7	5750	StCu	5	-	5	•
Renfrew	1002.2	+1	N	2	o	46	65	6	4000	St	10	-	10	•
Edinburgh (Inchkeith)	1000.1	+2	N	4	o	45	65	8	-	Cu	5	ASt	9	•
Eskdalemuir	1000.6	+2	NNE	5	o|r	43	75	7	2500	StCu	9	-	9	•
Tynemouth	997.4	+2	N	5	c|r$_o$	43	92	6	4000	Nb	8	-	8	•
Blacksod Point	1008.7	+3	NE	7	o+	46	75	8	-	CuNb	9	-	9	•
Donaghadee	1003.9	+1	NNE	3	bc	49	75	8	-	-	0	ACu	5	•
Birr Castle	1004.9	•	NW	1	c+	48	85	8	4000	Nb	8	-	8	•
Baldonnell														•
Holyhead	1001.6	+2	N	5	b	47	75	8	2500	Cu	2	-	2	•
Liverpool (Bidston)	999.7	+1	NW	4	c+	46	75	6	800	Nb	7	-	7	•
Chester (Shotwick)	998.5	+1	NNW	6	o|p	47	65	7	2500	Nb	10	-	10	•
Spurn Head	996.0	+3	NNW	6	c	45	85	8	4000	Cu	7	-	7	•
Nottingham	997.5	•	N	4	o+	47	75	6	1500	CuNb	7	CiSt	9	•
Cranwell	997.5	+2	N'E	4	o|s.h	42	85	7	1500	Nb	10	-	10	•
Gorleston	995.9	+1	NW	1	o|p	45	75	7	4000	Nb	9	-	9	•
...														•
Valencia (Cahirciveen)	1008.0	+4	NNW	4	bc	49	65	8	4000	StCu	4	ACu	5	•
Roches Point	1004.6	+2	NNW	4	o|p	51	85	8	1500	CuNb	9	-	9	•
Pembroke (St. Ann's H.)	1001.9	+3	N	5	b	47	85	8	4000	StCu	3	-	3	•
Ross-on-Wye	998.9	+2	NNW	2	bc	47	65	8	4000	CuNb	4	Ci	5	•
Benson	996.5	+2	NW	2	qr	46	75	6	-	StCu	10	-	10	•
S. Farnborough	998.0	+1	W'N	3	c+	50	55	6	2500	CuNb	8	-	8	•
London (Kew Obsy.)	998.1	+1	WSW	3	o|r	44	75	6	4000	CuNb	8	ACu	9	•
Croydon	998.1	+1	NW	2	q|r	47	65	6	2500	CuNb	8	Ci	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	997.3	+1	NW	1	mbc	49	65	6	4000	Cu	6	-	6	•
[illegible]	998.1	+1	SSW	1	c-	45	75	6	4000	St	7	-	7	•
Lympne	997.9	+1	WNW	1	o	45	85	5	1500	St	9	-	9	•
Scilly (St. Mary's)	1001.8	+2	NNE	5	opr$_o$	49	75	7	4000	Nb	10	-	10	•
Falmouth (Pendennis)	1000.8	+2	NE	4	bc+	49	75	8	4000	Cu	6	-	6	•
Plymouth (Cattewater)	999.5	+1	NNW	2	o+	47	65	7	1500	StCu	9	-	9	•
Portland Bill	999.0	+2	W'N	2	b	47	85	7	-	-	0	-	0	•
Southampton (Calshot)	999.0	+1	SW	3	cpr$_o$	46	75	8	4000	CuNb	8	-	8	•
Dungeness	998.0	+3	W	2	o-	48	75	7	4000	StCu	9	-	9	•
Jersey	1000.0	0	W	4	b|h	48	65	8	-	-	0	ACu	2	•

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	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1000.4	0	NE	4	b-	46	75	7	-	-	0	CiSt	1	3
Stornoway	1006.4	0	NNE	4	c+	42	75	6	4000	Cu	8	-	8	3
Wick	1000.6	0	NNW	5	cpr$_o$	43	92	8	2500	CuNb	8	-	8	4
Castlebay	1007.3	0	N	5	d	42	85	7	1500	CuNb	6	-	6	4
Nairn	1003.0	*	NNE	4	c	42	85	8	4000	CuNb	7	Ci	7	•
Aberdeen	999.6	0	NNW	5	bc|r	44	85	8	1500	CuNb	3	Ci	4	3
Malin Head	1005.6	0	N	4	bcjp	42	97	8	4000	CuNb	5	-	5	3
Renfrew	1002.5	0	NE	3	d	47	65	8	5750	StCu	8	ASt	9	•
Edinburgh (Inchkeith)	1000.5	+1	NNW	4	c	46	75	8	-	CuNb	6	-	6	4
Eskdalemuir	1000.7	+2	N'W	4	ojp	42	75	8	2500	StCu	8	Ci	9	•
Tynemouth	998.1	+1	N	5	bc|r	43	92	6	4000	CuNb	3	CiCu	6	4
Blacksod Point	1009.1	+1	NE	8	bc-	44	75	8	-	CuNb	5	-	5	6
Donaghadee	1003.9	0	N	3	bc	46	75	8	5750	Cu	3	Ci	4	3
Birr Castle	1004.9	•	NW	2	cph$_o$	44	85	7	2500	CuNb	8	-	8	•
Baldonnell														
Holyhead	~~1001.2~~ 1002.1	+1	NNE	4	o	45	75	8	4000	Nb	10	-	10	4
Liverpool (Bidston)	1000.8	+1	N	3	c|r	45	75	7	2500	CuNb	7	-	7	3
Chester (Shotwick)	999.8	+1	NNW	3	c-	45	75	8	2500	Cu	4	Ci	8	•
Spurn Head	997.8	+1	NNW	5	c	45	85	8	2500	Cu	8	-	8	3
Nottingham	999.1	•	N	2	o	44	75	6	1500	Nb	7	CiSt	9	•
Cranwell	999.2	+0	SSW	2	cpr$_o$	39	91	6	1500	Nb	8	-	8	•
Gorleston	997.4	-4	NNW	3	bc	46	75	7	4000	CuNb	6	-	6	0
...														•
Valencia (Cahirciveen)	1008.8	+1	N	5	bc-	47	65	8	4000	StCu	4	ACu	6	4
Roches Point	1005.6	+1	N	3	cpr$_o$	47	85	8	1500	CuNb	7	-	7	0
Pembroke (St. Ann's H.)	1002.8	0	N	5	b	46	85	7	4000	Cu	3	-	3	4
Ross-on-Wye	1001.4	+2	NNW	3	bc-	46	75	8	4000	Cu	5	-	5	•
Benson	999.4	+2	NNW	2	o	42	85	5	-	St	10	-	10	•
S. Farnborough	999.1	+1	NW'N	1	q.p	45	75	6	2500	Cu	9	-	9	•
London (Kew Obsy.)	999.3	+2	W	2	o|p	46	75	6	2500	CuNb	8	ACu	9	•
Croydon	999.2	+2	W	1	c|r	45	75	6	4000	StCu	4	ASt	8	•
Clacton-on-Sea	998.0	+1	N	2	opr$_o$	44	85	6	4000	CuNb	10	-	10	0
Shoeburyness	998.8	+2	NNW	2	opr$_o$	43	75	6	2500	Nb	9	ASt	10	•
[illegible]	999.3	+3	WSW	2	o+	42	85	6	4000	Cu	4	CiCu	9	0
Lympne	999.3	+1	W'N	3	o	42	85	7	5750	StCu	4	ASt	10	•
Scilly (St. Mary's)	1002.3	+2	N'W	5	bc	48	75	8	4000	Cu	5	-	5	5
Falmouth (Pendennis)	1001.5	0	NE	5	bc|r	47	75	8	4000	Cu	5	-	5	1
Plymouth (Cattewater)	1000.4	0	N	3	b	48	65	7	2500	Cu	3	-	3	0
Portland Bill	999.9	+1	W	3	bcpr$_o$	48	85	7	-	-	0	CiCu	3	3
Southampton (Calshot)	999.6	+1	-	0	cpr$_o$	47	75	7	5750	CuNb	7	-	7	0
Dungeness	998.8	+2	W	2	bc-	46	92	7	-	-	0	CiCu	8	3
Jersey	998.8	0	N	3	b	48	65	8	4000	StCu	1	CiSt	3	3

LONDON OBSERVATIONS.

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)
	24 Hours ended 0900 G.M.T. 28th								Yesterday.		To-day.
Kew	omcup	oprhit	bobmw	•	•	29	2.	-	2.8	•	•
Croydon (24 hours ended 0700)	cbmz	cbpr$_o$	cmprb	•	•	28	1	1	3.1	•	•
Greenwich (Royal Obsy.)	bc	dr$_o$	o|rbo	52	36	28	2	.05	2.7	71	78
City (Bunhill Row)	•	•	•	•	•	•	•	•	•	•	•
Westminster (St. James' Pk.)	•	•	•	49	37	31	2		2.6	73	74
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	3.0	•	•
Camden Sq.	c	bd	•	51	34	25	4	-	•	•	81
Kensington Palace	opr	oro	•	49	36	28	2	2	•	78 (15h.)	75
Hampstead Observatory	•	•	•	•	•	•	•	•	3.4	•	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 27th

South Kensington Max.	Time.	Min.	Time.
1.3	1800 26	<0.3	0100 27
2.0	1600 27		0400 27

Kew Observatory Max.	Time.	Min.	Time.
0.6	2100 26	<0.3	0100 27
0.6	0500 27		

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 20h 30m to 28th 03h 30m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	7.0	3.52	55
δ Ursae Minoris	7.0	3.32	50

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

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

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

28th & 29th April 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.30 4.28	11.50 11.50	7.10 7.12
Greenwich	4.41 4.39	11.57 11.57	7.15 7.16
Wick	4.29 4.26	12.9 12.9	7.50 7.52
Valencia	5.20 5.18	12.38 12.38	7.57 7.58

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

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

[1] For explanation, see Introduction. * Information for these columns not usually received. † The barometric change is expressed in half millibars. ‡ For 0-9 see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-13h. 27th	13h.-18h. 27th	18h. 27th to 18h. 28th	18h.-7h. 28th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	Night. 18h.-7h. mm.	Precipitation began.	Precipitation began.	SUN. Hours.
Lerwick	p	b	bbc	p	48	39	•	0·3	trace	–	0330	•
Stornoway	p	bc	c	cph	46	35	•	0·3	0.6	–	–	5.9
Wick	oiRh	ophrq	iRHq	oiRq	45	39	•	2	2	<0800	<2100	•
Castlebay	coc	c	cbcop	opb	43	36	•	–	2	–	–	10.0
Nairn	irq	c	iRqc	qcp	47	37	•	0·3	1	11·00	2200	2.8
Aberdeen	bcpr	hrbcq	bcqba	bcpr	46	39	36	2	3	11·00	0230	0.3
Malin Head	borbc	bcpo	cp	bcp	45	37	•	0·1	0.4	16·30	0130	10.4
Renfrew	oirm	odop	bc	bc	49	33	27	2	trace	–	–	1.9
Edinburgh: Inchkeith	c	p	c	c	49	39	35	0·1	–	–	–	3.1
Eskdalemuir	cpro	opr	opicbc	cprs	48	32	29	1	0.1	15·30	<2100	8.1
Tynemouth	mrorq	cm	mp	cm	45	36	32	2	trace	<0800	<2100	•
Blacksod Point ...	horh	horrh	h.rh				•	3		1230		•
Donaghadee	beq	bcq	qir	bcqir	49	41	•	–	0.6	–	<2100	•
Birr Castle	cpro	cophr	copr	bc	50	34	30	1	0.1	0900	<2100	6.3
Baldonnell												
Holyhead	ocbc	bcp bco	ophbc	oc	48	42 ~~43~~	41	0·2	trace	13·30	<2100	6.0
Liverpool (Bidston) ...	borbc	oc	cbc		47	40	36	0·3	–	15·30	–	6.2
Chester (Shotwick) ...	omcoq	ocrspqc	cboprm	obbc	50	36	33	0·1	0.3	13·30	<2100	•
Spurn Head	c	c		c	49	40	•	0·3	–	–	–	6.9
Nottingham	oop	pc	cb	mc	49	39	36	1	–	0900	–	2.6
Cranwell	por	prs	cbcbm	c	48	36	34	3	0.1	–	<2100	3.9
Gorleston	cpcrh	c	bw	bbccm	49	34	30	0·2	–	09·00	–	6.4
Valencia (Cahirciveen)	cpbc	bcpt	cphr	bccp	50	38	35	0·2	2	0900	2200	8.4
Roches Point	cojp	otph	bcpb	bbcc	53	38	•	1	0.3	11·00	<2100	•
Pembroke (St. Ann's H.)	cphrc	borbc	phrlt	p	49	38	•	2	3	09·00	2200	9.5
Ross-on-Wye	ocpore	rcocbc	bcbbc	bmxb	49	34	28	1	–	09·00	–	7.0
Benson...	or	o	oc	om	49	30	24	1	–	–	–	•
S. Farnborough ...	gmrm	p	obcbxm	brm	52	29	23	0·3	–	13·30	–	5.6
London (Kew Obsy.) ...	omcoup	oprtrou	opobb	bmrc	48	37	28	2	–	12·30	–	2.8
Croydon	mbmm cpmz	rcopm cpprmz	cmprb	bmx	49	33	28	1	1	0900	<2100	3.1
Clacton-on-Sea ...	bc	c op	opcbc	bcbmx	48	35	31	1	0.6	13·30	<2100	4.2
Shoeburyness	bcm	oup	oirc	bcmbm	52	32	23	0·2	0.3	<0800	<2100	5.4
Grain	opd	form	ocbcb	bbcm	48	29	22	–	trace	–	–	2.8
Lympne	omnrr rcpr	omphrp	ocbcb	bomw	47	34	29	0·1	trace	–	–	1.7
Scilly (St. Mary's) ...	cpo	cbcpo	bc	bcc	50	40	-	•	0·1	1	<0800	–	10.7
Falmouth (Pendennis)	bcp	bc	bcl	bc	49	41	•	0·2	–	<0800	–	11.7
Plymouth (Cattewater)	cprh	opr	or	bbc	51	38	31	0·1	1	–	<2100	10.0
Portland Bill	b	bcp	cp	cpb	50	39	•	0·4	0.4	15·30	<2100	•
Southampton (Calshot)	c	p	cbcmpb	bmm	48	36	35	0·2	0.1	14·30	<2100	7.7
Dungeness	mpr	oo	cmm	mmx	49	35	•	0·2	–	09·00	–	•
Jersey	ophs	ccb	bcb	b	51	41	•	2	–	09·00	–	8.0

Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	27th 1000	Cambria	N'W	6	bc	44	46
1	27th 1200	?	W	4	bc/r	50	49

GENERAL INFERENCE.

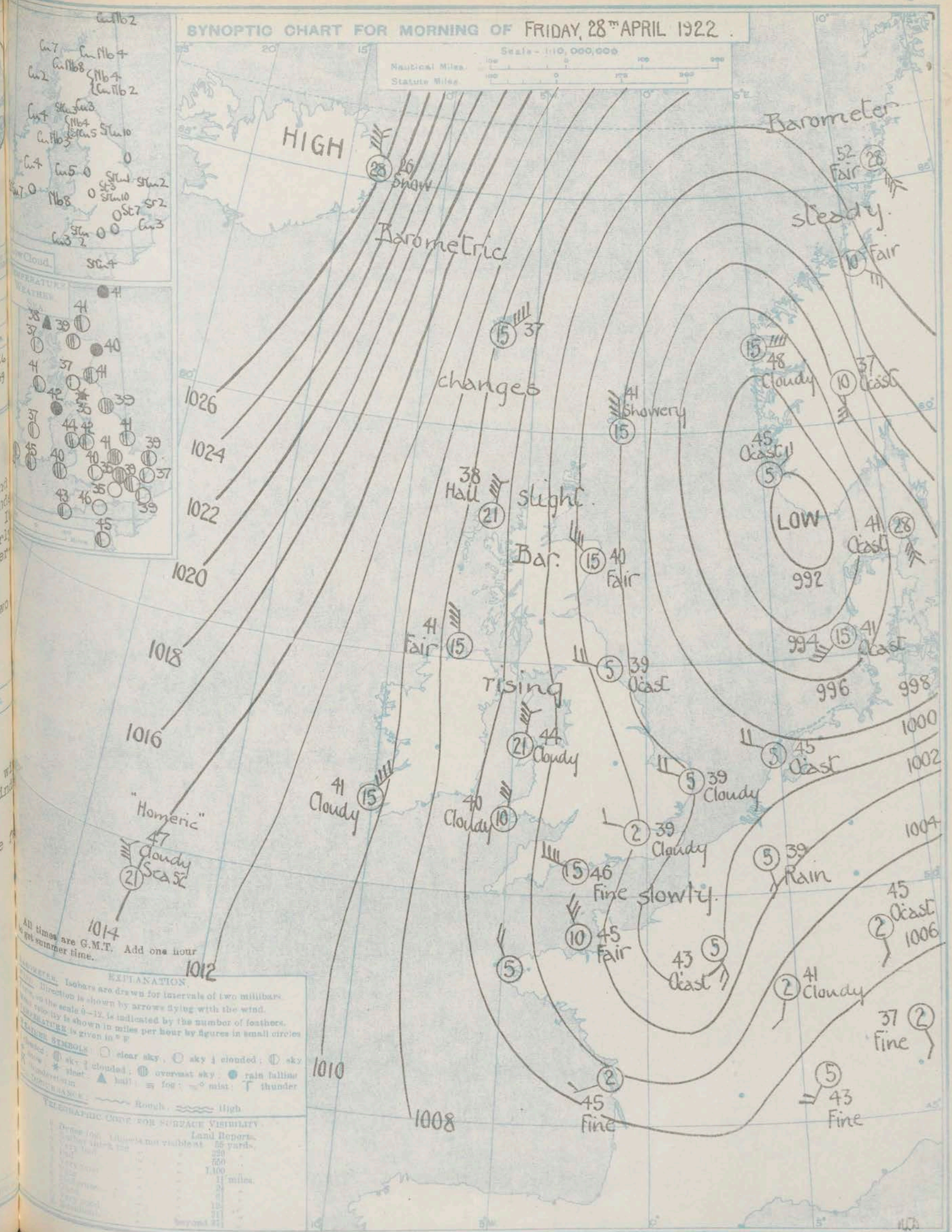
Pressure remains low over the Eastern North Sea and a belt of high pressure extends from Iceland to the Azores. It appears probable that Northerly winds with a rather low temperature and local thundery showers of rain or hail will persist for another day or two at least.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 28th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind North-West to North, light or moderate; variable cloud, local thundery showers of rain or hail; visibility mainly good, morning mist; rather cold.	Rather cold with Northerly winds and local showers but considerable periods.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate Northerly winds; variable cloud, some thundery showers of rain or hail; visibility mainly good, morning mist locally; rather cold.	
11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N.& N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate or fresh Northerly winds; cloudy, brighter intervals, some thundery showers of rain or hail; visibility good; cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Same as 5 to 10.	

M.K.S.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G.M.T.

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... FRIDAY... 28th April ...1922. No. 119...

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	10002	-1	NNE	5	b	43	85	6	-	-	0	ACu	2	*
Stornoway	10080	0	NNE	6	o	*	*	5	*	*	*	*	*	*
Wick	10003	0	NNW	5	oh(R)	40	97	8	1500	CuNb	9	-	9	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	10062	0	N	4	cph	42	92	7	4000	CuNb	7	-	7	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	10007	+1	NW	4	o+	40	75	9	-	SrCu	6	ASr	9	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	9992	0	NNW	2	b/r	40	85	6	-	-	0	-	0	*
Blacksod Point	10093	0	N	6	oPR+	38	92	2	-	CuNb	10	-	10	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	10024	0	N	4	c	*	*	8	2500	Cu	8	-	8	*
Liverpool (Bidston)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head														*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	10008	+2	WNW	3	b	37	97	6	1500	Sr	3	-	3	*
Gorleston	9995	+1	WNW	2	b-	37	92	6	-	-	0	-	0	*
...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	10095	0	NW	4	bc/h	41	97	6	-	-	0	ASr	4	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	10038	0	N	4	or+	40	85	8	1500	Nb	10	-	10	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	*	*	*	*	*	39	*	*	*	*	*	*	*	*
Croydon	10007	+1	-	0	b-	35	97	4	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	9995	0	W	2	b-	37	92	7	4000	SrCu	1	-	1	*
Scilly (St. Mary's)	1004.2	+1	N	4	b	45	85	8	4000	Cu	3	—	3	*
Falmouth (Pendennis)	10035	0	NE	3	bc	44	85	8	4000	Cu	5	-	5	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	10010	+1	NNW	3	b	45	85	7	-	-	0	CiCu	3	*
Southampton (Calshot)	10007	+1	N	3	b-	40	85	6	-	-	0	-	0	*
Dungeness	9996	0	N	2	b-	36	97	5	-	-	0	-	0	*
Jersey Th / Guernsey Ih	10012	+1	N	3	b	37	75	7	5750	Cu	2	-	2	*

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	9995	0	N	4	cpro	41	85	7	4000	CuNb	2	ASr	7	3
Stornoway	10065	0	NNE	5	cph	38	75	6	4000	Cu	7	-	7	4
Wick	10015	+2	NNW	5	bc/r	41	92	8	2500	CuNb	4	-	4	4
Castlebay	10084	0	NNW	4	b	37	85	7	2500	Cu	2	-	2	4
Nairn	10040	*	N	4	c/r	39	85	8	4000	CuNb	8		8	*
Aberdeen	10004	+2	NW'N	4	bcpro	40	92	7	1500	Nb	6	-	6	0
Malin Head	10075	0	N	4	bc+	41	97	8	4000	Cu	4	-	4	4
Renfrew	10048	+3	WSW	2	b-	37	85	8	5750	SrCu	3	-	3	*
Edinburgh (Inchkeith)	10024	+3	NNW	3	c-	41	75	8	-	Cu	3	A.Cu	7	3
Eskdalemuir	10032	+2	NNW	4	ops	36	85	7	1500	Nb	9	-	9	*
Tynemouth	10004	+2	NNW	2	o	39	85	6	4000	SrCu	10	-	10	1
Blacksod Point	10063	+3	NNE	3	cjp	42	85	8	4000	CuNb	3	CiCu	8	4
Donaghadee	10087	*	NW	2	bc	37	92	7	2500	Cu	4	CiCu	5	*
Birr Castle														*
Baldonnell														*
Holyhead	10046	+3	N'E	5	c-	44	75	8	1500	Cu	5	CiSr	7	2
Liverpool (Bidston)	10032	+3	NNW	3	bc	42	65	7	-	-	0	ASr	4	3
Chester (Shotwick)	10024	+3	NW	4	bc+	43	75	7	4000	SrCu	1	CiSr	6	*
Spurn Head	9993	+1	NW	5	bc	41	92	6	-	-	0	CiSr	5	4
Nottingham	10022	*	NNW	2	o	41	75	3	800	Sr	3	CiSr	10	*
Cranwell	10019	+1	NW	4	o	40	85	6	5750	SrCu	1	ASr	10	*
Gorleston	10001	0	WNW	2	c+	39	92	5	5750	SrCu	2	ASr	7	0
...														
Valencia (Cahirciveen)	10109	+3	NE'N	4	c+	41	75	8	2500	SrCu	7	-	7	3
Roches Point	10064	+1	N	4	c	45	92	8	-	-	0	ACu	7	0
Pembroke (St. Ann's H.)	10050	+3	NNE	3	c-	40	92	8	1500	Nb	8	-	8	3
Ross-on-Wye	10035	+2	W	1	b	40	85	8	-	-	0	Ci	2	*
Benson	10029	+3	-	0	o/f	35	97	4	-	SrCu	10	-	10	*
S. Farnborough	10022	+3	WNW	1	b	35	97	5	-	-	0	-	0	*
London (Kew Obsy.)	10024	+3	WNW	1	c+	39	85	5	4000	Sr	7	-	7	*
Croydon	10026	+3	-	0	b+	37	97	4	-	-	0	A.Cu	1	0
Clacton-on-Sea	10008	+2	NW	2	mb	37	97	4	800	Sr	2	-	2	*
Shoeburyness	10014	+2	N'W	1	mb	39	85	5	-	-	0	CiCu	2	0
Grain	10018	+3	NW	1	bc	40	92	6	-	-	0	CiCu	4	*
Lympne	10010	+2	N	2	b	39	97	6	-	-	0	*	0	*
Scilly (St. Mary's)	10057	+1	NNE	4	bc	44	75	8	4000	Cu	5	Ci	56	4
Falmouth (Pendennis)	10045	+2	N	3	bc	43	85	8	4000	Cu	3	C.C	6	1
Plymouth (Cattewater)	10041	+4	-	0	b+	42	85	7	1500	SrCu	2	-	2	0
Portland Bill	10030	+2	NW	4	b	46	85	7	-	-	0	-	0	3
Southampton (Calshot)	10027	+4	N'W	3	b	39	95	5	-	-	0	-	0	0
Dungeness	10008	+1	NNE	2	mb	39	97	5	2500	Cu	3	-	3	2
Jersey Th / Guernsey Ih	10027	+1	NNW	3	bc+	45	75	8	4000	SrCu	4	-	4	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ...27th April...

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 26th °F.	Temperature Max. Day 27th °F.	Rainfall† Night 17h.-9h. 26-27 mm.	Rainfall† Day 9h.-17h. 27th mm.	Sunshine Sunrise to 17h. 27th hr.	Sunshine Sunrise to Sunset 26th
Banff	cpo	ohp	40	46	2	1	1.1	2.2
Montrose	bc	bcp	36	48	1	1	7.2	6.5
Llandudno	c	c	40	50	1	–	4.3	7.6
Colwyn Bay	cbc	bccp	40	50	-	-	3.9	8.3
Rhyl	bc c	bc c	40	48	0.2	-	4.0	7.7
Southport	ocbc c	c.orc	39	47	0.6	1	6.2	5.2
Blackpool	o c	p bc	39	49	1	1	9.7	0.8
Harrogate	cp	cp	34	46	1	1	2.9	1.4
Skegness	ocbc	bcoc	33	46	0.4	-	4.2	0.0
Aberystwyth	ocb	b bc	34	50	-	*	8.3	10.5
Bath	c bcp	p ocbc	31	49	1	4	3.0	6.0
Leamington Spa	c b p	c b p	34	47	5	5	2.7	2.0
Lowestoft	o c o	opc	36	49	3	1	4.7	0.0
Felixstowe	cm	bcp	36	48	1	1	6.2	2.6
Southend	cbc	or bc	38	52	2	1	5.1	2.4

STATIONS.	Weather Fore-noon.	Weather After-noon.	Temperature Min. Night 26th °F.	Temperature Max. Day 27th °F.	Rainfall† Night 17h.-9h. 26-27 mm.	Rainfall† Day 9h.-17h. 27th mm.	Sunshine Sunrise to 17h. 27th hr.	Sunshine Sunrise to Sunset 26th
Paignton	b.bcp	bc.c	34	52	-	1	9.4	4.3
Ilfracombe	b bcp	bc c	39	48	-	-	8.1	6.7
Bude	b	b	38	50	1	-	8.5	5.3
Penzance	c bc	bc	38	51	3	-	7.6	8.4
Falmouth Observatory	bcp	bc	38	52	0.3	1	10.3	8.1
Torquay	b	bcp	36	52	-	1	8.9	4.0
Weymouth	bc hpc	ctctr	34	53	1	2	8.3	4.4
Bournemouth	b bc	tc	33	49	-	2	7.2	3.2
Portsmouth (Southsea)	b	b	36	52	2	0.3	9.4	4.5
Worthing	bc	l tlc	35	50	1	3	5.8	7.6
Brighton	cp	cptp	37	47	4	2	6.9	3.0
Eastbourne	bc	corc	37	48	4	5	6.0	3.5
Hastings	oc	copoc	36	49	2	1	4.4	4.0
Folkestone	p	bc	38	48	2	1	2.5	1.6
Tunbridge Wells	oc	optc	36	50	3	1	2.2	5.1
Ramsgate	o	o	37	45	2	-	1.5	3.5
Margate	cb	c or	40	48	2	2	3.1	3.0
Deal	or	corc	38	48	4	1	0.7	0.8

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0.1 mm. § For code see page 5. ‡ See footnote page 1.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22073 SATURDAY, 29th APRIL 1922.

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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	998.5	0	N	5	oror	43	92	6	2500	Nb	10	–	10	*
Stornoway	1007.0	0	NNE	3	o+	43	75	6	800	St.	9	–	9	*
Wick	1001.9	0	NNW	6	cpro	44	92	8	2500	Cu.Nb	7	–	7	*
Castlebay	1008.5	0	NW	4	b	43	65	8	2500	Cu	2	–	2	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1002.0	+2	NW'N	5	bc	46	75	8	2500	Cu	4	–	4	*
Malin Head	1008.0	0	NW	4	bcjp	42	97	8	4000	Cu	5	–	5	*
Renfrew	1005.0	+1	WNW	3	ojp	46	75	8	2500	Nb	10	–	10	*
Edinburgh (Inchkeith)	1003.6	0	N	3	c–	48	65	8	–	Cu	6	–	6	*
Eskdalemuir	1004.2	+2	N	4	ojp	44	75	8	1500	Nb	10	–	10	*
Tynemouth	1002.8	+4	N	3	bc	45	85	7	4000	Cu	3	Ci.Cu	5	*
Blacksod Point ...	1009.9	+1	N	7	cpho	44	75	9	–	Cu.Nb	7	–	7	*
Donaghadee	1007.7	+1	N	3	b	45	65	8	4000	Cu.Nb	2	A.Cu	3	*
Birr Castle	1009.4	*	NW	2	c+	47	75	8	4000	St.Cu	6	–	6	*
Baldonnell														*
Holyhead	1006.9	+2	N	5	b/r	45	75	8	2500	Cu	2	A.Cu	3	*
Liverpool (Bidston) ...	1005.4	+3	NWW	3	bc	45	65	8	2500	St.Cu	3	Ci.Cu	6	*
Chester (Shotwick) ...	1004.1	+2	WNW	4	c	42	65	8	4000	Cu	3	A.Cu	7	*
Spurn Head	1002.9	+4	NNE	5	o	48	85	7	4000	Cu.Nb	3	A.St	9	*
Nottingham	1004.1	*	NNW	2	o	48	65	5	1500	Nb	7	Ci.St	10	*
Cranwell	1003.8	+2	NW'N	3	opro	49	65	7	1500	Cu	8	A.St	9	*
Gorleston	1002.9	+2	N	4	cpro	48	65	7	4000	Cu.Nb	7	–	7	*
Valencia (Cahirciveen)	1012.5	+2	N'W	4	cpho	46	75	8	2500	St.Cu	6	A.Cu	7	*
Roches Point	1009.6	+1	N	4	opro	48	85	8	2500	Cu.Nb	9	–	9	*
Pembroke (St. Ann's H.)	1007.4	+3	N	5	bc	46	85	8	4000	Cu	4	–	4	*
Ross-on-Wye	1004.7	+1	NW'W	1	c⊕	52	55	9	4000	Cu	5	Ci	7	*
Benson...	1004.7	+2	N	1	o	50	65	6	–	Cu	5	Ci	9	*
S. Farnborough ...	1004.3	+2	NW	3	c–	51	55	8	1500	Cu	7	Ci.St	8	*
London (Kew Obsy.) ...	1004.3	+2	N	2	c/f	51	55	8	5750	Cu	5	Ci	7	*
Croydon	1004.3	+2	NNW	3	c+	49	55	6	4000	Cu	7	Ci	8	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	1004.0	+3	N	2	c/f	50	85	8	4000	Cu	8	–	8	*
Grain	1004.1	+2	N	3	c	53	65	8	4000	Cu	8	–	8	*
Lympne	1009.0	+3	N	3	ojp	49	65	8	2500	Cu.Nb	9	–	9	*
Scilly (St. Mary's) ...														*
Falmouth (Pendennis)	1006.3	+2	NNW	3	c+	49	85	7	4000	Cu.Nb	8	–	8	*
Plymouth (Cattewater)	1005.7	+1	W	2	o+	48	75	7	1500	Cu.Nb	10	–	10	*
Portland Bill	1006.0	+2	NNE	2	b	50	85	7	–	–	0	Ci.St	2	*
Southampton (Calshot)	1004.8	+2	NNW	2	c	50	55	7	5750	Cu	7	–	7	*
Dungeness	1003.7	+3	E	2	bcro	50	75	7	2500	Cu	6	–	6	*
Jersey	1005.6	+1	NW	3	b	50	65	8	4000	St.Cu	2	–	2	*

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	996.3	–4	NW	3	o/r	43	85	7	4000	Cu.Nb	9	–	9	2
Stornoway	1008.1	+1	NNE	3	cpro	42	92	6	800	St.	3	–	3	2
Wick	1002.3	+1	NW	6	o/r	44	85	8	2500	Cu.Nb	7	A.St	10	3
Castlebay	1009.5	+1	NW	4	c+	44	65	7	1500	St.Cu	8	–	8	4
Nairn	1005.6	+2	NNW	3	o	45	75	8	1500	St.	9	–	9	*
Aberdeen	1003.3	+1	NW	5	bc	45	75	8	2500	Cu	4	–	4	3
Malin Head	1008.1	0	NW	2	bc	41	97	8	4000	Cu.Nb	5	–	5	2
Renfrew	1006.0	+2	NNW	2	bcjp	50	55	9	2500	St.Cu	6	–	6	*
Edinburgh (Inchkeith)	1005.1	+4	NNW	3	b	47	65	8	–	Cu.Nb	2	–	2	3
Eskdalemuir	1006.1	+2	N	2	bc–	44	65	7	2500	St.Cu	6	–	6	*
Tynemouth	1005.3	+3	–	0	c/r	43	92	5	4000	Nb	4	Ci.Cu	8	3
Blacksod Point	?	+1	N	6	bc	44	85	9	–	Cu.Nb	5	–	5	6
Donaghadee	1008.4	+1	N	3	bc	45	75	8	4000	Cu.Nb	4	–	4	3
Birr Castle	1010.3		NW	2	c+	44	75	8	1500	Cu.Nb	7	–	7	*
Baldonnell														
Holyhead	1008.4	+2	NNW	3	b	45	75	9	–	–	0	A.Cu	1	3
Liverpool (Bidston)	1007.2	+2	NW'W	3	b	46	65	8	–	–	0	Ci.St	3	3
Chester (Shotwick)	1006.4	+3	NW	5	c–	47	65	8	4000	Cu	5	Ci	7	
Spurn Head	1006.0	+4	NNE	3	bc	46	85	6	1500	St.	2	Ci.St	5	*
Nottingham	1007.0	*	ENE	2	o	44	75	5	2500	Nb	7	Ci.St	10	*
Cranwell	1007.1	+4	W'S	2	o/r	41	85	7	800	Nb	7	A.St	10	*
Gorleston	1006.0	+1	N'E	4	c–	47	75	7	4000	Cu.Nb	4	Ci.St	7	3
Valencia (Cahirciveen)	1012.9	+1	NNW	5	b	45	65	8	2500	St.Cu	2	A.Cu	3	4
Roches Point	1010.6	+1	NNW	3	c–	45	85	8	2500	Cu.Nb	7	–	7	0
Pembroke (St. Ann's H.)	1008.8	+2	N	4	b	46	75	8	4000	Cu	2	–	2	3
Ross-on-Wye	1007.1	+3	SSW	2	c/r	45	75	9	4000	Cu.Nb	5	Ci	8	*
Benson	1006.9	+3	SW	3	c	47	55	6	–	Cu	7	–	7	*
S. Farnborough	1006.9	+3	W	2	o	50	65	7	800	Cu	10	–	10	*
London (Kew Obsy.)	1006.9	+3	–	0	c	49	55	6	–	–	0	Ci	7	*
Croydon	1007.0	+4	–	0	o/r	48	65	6	5750	St.Cu	7	Ci.St	9	*
Clacton-on-Sea	1006.6	+4	E	3	c	46	85	7	4000	Cu	5	A.Cu	8	0
Shoeburyness	1006.7	+3	NE	2	cjp	47	65	8	800	Cu	7	–	7	*
Grain	1006.9	+4	ENE	3	o+	48	65	7	4000	Cu	4	A.Cu	9	0
Lympne	1007.2	+4	SSW	2	c+	43	85	6	4000	St.Cu	4	A.Cu	8	*
Scilly (St. Mary's)														
Falmouth (Pendennis)	1008.6	+4	NNW	2	c	47	75	8	4000	Cu	3	A.St	8	0
Plymouth (Cattewater)	1007.8	+3	NE	2	bc	43	85	6	800	St.Cu	2	A.St	4	0
Portland Bill	1007.0	+2	NNE	4	b	46	85	7	–	–	0	Ci.Cu	3	3
Southampton (Calshot)	1008.1	+5	–	0	cpro	45	75	8	2500	Cu.Nb	7	–	7	0
Dungeness	1006.7	+3	SW	2	ctl.	46	92	7	–	–	0	A.St	7	2
Jersey	1006.3	0	NW	3	b	49	75	8	–	–	0	Ci.St	1	3

London Observations. (24 Hours ended 0900 G.M.T. 29th; Sunshine: yesterday; Humidity 15h.: yesterday, 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	bcmcy	cmp.oy	om. b/x	*	*	26	tr	–	6.4	*	*
Croydon (24 hours ended 0700)	bocmy	c.oy.py	omr bx	*	*	30	tr	–	4.3	*	*
Greenwich (Royal Obsy.) ..	c	cr	b/px	54	33	28	–	–	4.4	64	61
City (Bunhill Row) ..	*	*	*	*	*	*	*	*	5.4	*	*
Westminster (St. James' Pk.)	*	*	*	55	34	29	–	–	5.2	54	61
Regents Pk. (Botanic Gdns.)	*	*	*	*	*	*	*	*	6.0	*	*
Camden Sq.	bc	c	*	58	35	30	–		*	*	42
Kensington Palace ...	bc.c	o.c	*	53	35	26	0.2	–	*	59 (13h)	69
Hampstead Observatory ..	*	*	*	52	34	25	tr	–	8.4	*	64

Atmospheric Pollution. Milligrams of Solid impurity per cubic metre.

24 Hrs. ended 1800 G.M.T. 29th

South Kensington

Max.	Time.	Min.	Time.
1.3	1900 29th	0.3	2400 29th
2.5	0700 28th		0500 28th

Kew Observatory

Max.	Time.	Min.	Time.
0.4	2000 29th	<0.3	1500 28th
0.5	0700 29th		

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 28th 20 h. 30 m. to 29th 3 h. 34 m.

Stars.	Expo-sure. h. m.	Record. h. m.	
Polaris	4.0	6 0	4/0
δ Ursae Minoris	7.0	4 53	4/0

Radio Disturbances (Atmospherics) at Croydon.[1]

Time.	Type.	No. per 5 sec.	Stren.	Direc.
18h.	–	–	–	–
0h.	–	–	–	–
6h.	–	–	–	–
9h.	–	–	–	–

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

29th & 30th Apl. 1922.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ...	4.28	11.50	7.12
	4.26	11.50	7.13
Greenwich ...	4.39	11.57	7.16
	4.37	11.57	7.17
Wick ...	4.26	12.9	7.52
	4.23	12.9	7.54
Valencia ...	5.18	12.38	7.58
	5.16	12.38	7.59

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.

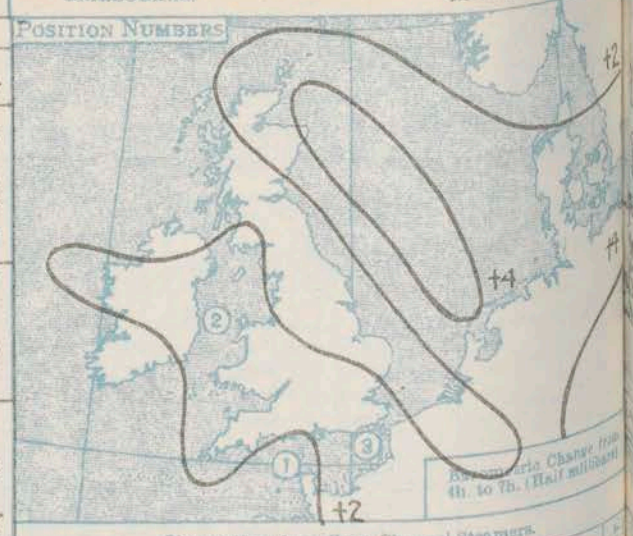
Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

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

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	WEATHER. 7h.-13h. 28"	13h.-18h. 28"	18h. 28" to 1h. 29	1h.-7h. 29"	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	rord	oo	b.bc	45	41	•	1	1	L0800	L21.00	•
Stornoway	p	p	c	p	46	39	•	1	1	–	•	4.8
Wick	cpq	qprq	qpqohR	oiR	46	34	•	2	13	L0800	L21.00	•
Castlebay	bhpb	bo	o.chp	hp.co	44	40	•	0.2	0.3	–	–	10.2
Nairn	occq		irqc	qc	49	39	•	–	0.4	–	22.00	3.8
Aberdeen	bcq	bcq	bcq.p	c.oirc	44	39	36	–	4	–	22.00	10.9
Malin Head	bcp	bcp	bc.b	cp	43	39	•	0.4	1	L0800	22.00	10.3
Renfrew	bbcpr	oipc	cvp.bc.br	b.bc.om	51	33	26	Trace	trace	1100	–	4.3
Edinburgh (Inchkeith)	c	b.orbc	b.bc	p.bc				–	trace	–	–	•
Eskdalemuir	boprs	prcjp	bc.b	bx.cx	48	19	15	Trace	–	L0800	–	4.9
Tynemouth	cm	bccpm	cm m	b.bcm	44	35	30	1	–	1730	–	•
Blacksod Point	horrh	horrh	oo	h(hr)	44	39	•	2	1	1630	–	•
Donaghadee	bcq	bcq	bm	bcp	44	34	•	–	trace	–	05.30	•
Birr Castle	co	copp	c.ox	c.ox	48	30	22	Trace	–	1330	–	4.6
Baldonnell												
Holyhead	cprp	bv	b.bc	b	44	39	34	0.4	0.3	1100	24.00	11.8
Liverpool (Bidston)	b.bc	b	b		48	34	31	–	–	–	–	12.1
Chester (Shotwick)	bcc	ccq	c.o.b.b	bx.b	49	35	24	–	–	–	–	•
Spurn Head	c	b.orbc		b.bc	48	39	•	Trace	–	1100	–	4.4
Nottingham	oom	m	om	c.bm	49	33	31	–	–	–	–	0.5
Cranwell	b.bc	phrr	c.oim	cm	50	35	32	1	trace	1230	L21.00	5.1
Gorleston	p	cohcp	b.bw	bw	50	34	36	0.3	–	L0800	–	6.2
Valencia (Cahirciveen)	cph	cphob	bcph	bx.cp	48	33	28	0.6	2	1330	L21.00	8.2
Roches Point	coup	cphc	bcp.b	b	51	35	•	2	0.1	1230	L21.00	•
Pembroke (St. Ann's H.)	b.bc	borbc	b.bc	b.bc	48	34	•	–	–	–	–	10.4
Ross-on-Wye	bbccv	oypcvp	bcv.b	bx.cm	52	31	24	0.1	–	1330	–	4.4
Benson	oc	c	bc	b	52	24	22	–	–	–	–	•
S. Farnborough	omc	cmopr	o.bmx	bmx	54	28	21	Trace	–	1530	–	6.0
London (Kew Obsy.)	ocmncy	ompoycy	om.o.b	b.bfx	51	34	26	Trace	–	1430	–	6.4
Croydon	bocmy	copypy	om.b	bmx	52	34	30	Trace	0.4	1530	L21.00	4.3
Clacton-on-Sea	bmbc		c.o	o.bcm	53	39	31	–	–	–	–	4.9
Shoeburyness	bmc	ojpr	oir.c.bc	bm	53	31	28	–	1	–	L21.00	10.1
Grain	c	c	oir.c	bc.bwm	54	32	25	–	0.1	–	L21.00	10.3
Lympne	bcopq	ocprcm	c.opr.c.bc	bm.x.m	49	34	25	Trace	0.4	1230	L21.00	8.1
Scilly (St. Mary's)							•					
Falmouth (Pendennis)	bccq	cq.c	c.o	or.o	50	36	•	–	15	–	01.30	5.4
Plymouth (Cattewater)	c	opc	tlr	r.d	51	38	31	–	6	–	L21.00	5.1
Portland Bill	bbc	c	bc	bc.b	50	40	•	–	–	–	–	•
Southampton (Calshot)	c	p	c.bmm	b.bc	52	35	31	1	–	1630	–	4.4
Dungeness	cpr	pprh	ir	bm	51	34	•	3	0.6	1230	L21.00	•
Jersey	bcb	b	bwx	bwx	51	36	•	–	–	–	–	10.6

ISALLOBARS. 29th April, 1922



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	28th 0300	BRIGHTON	NE	3	b	44	48
2	" 1000	CAMBRIA	N'W	6	bc	44	46

GENERAL INFERENCE.

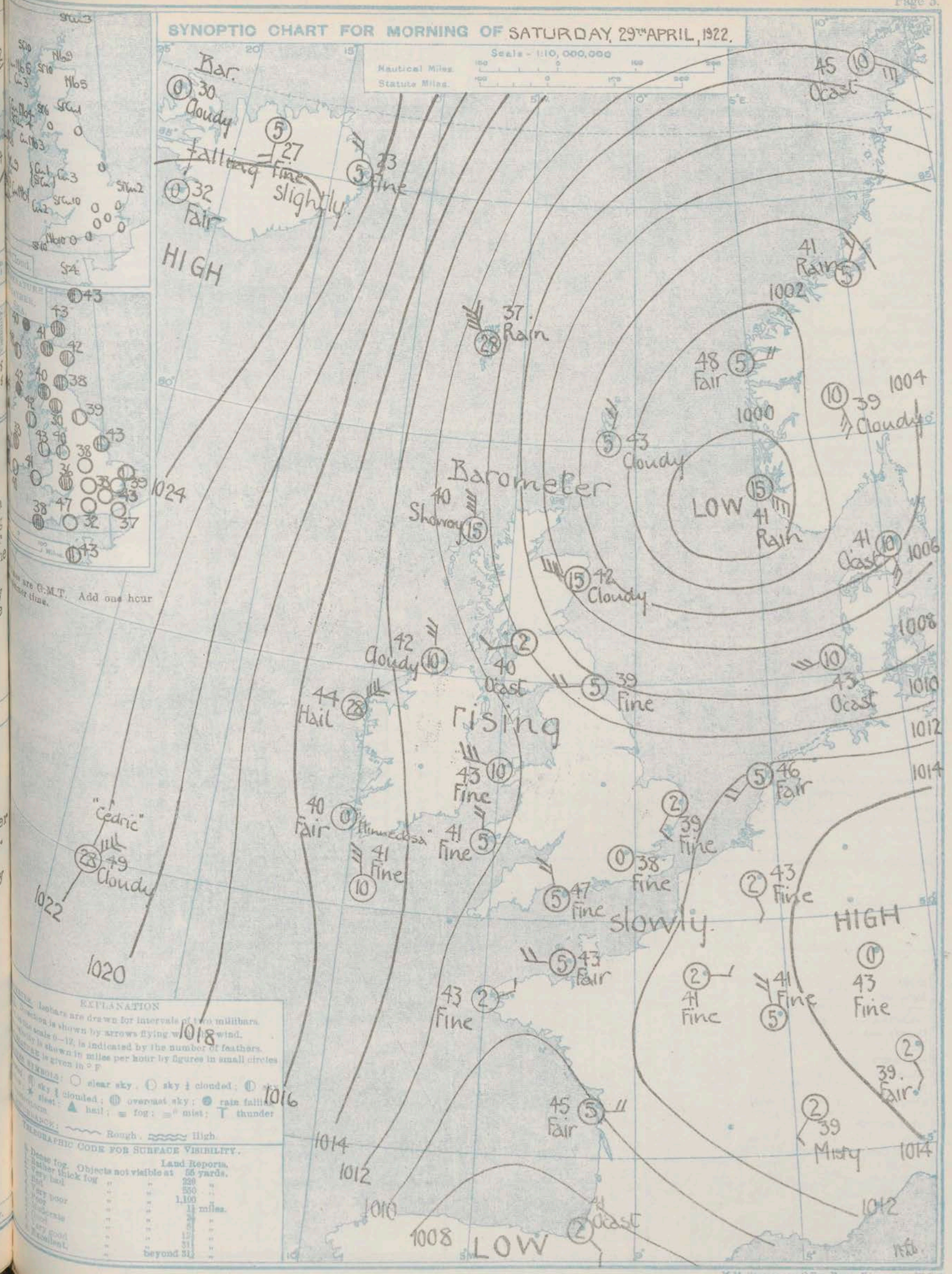
Pressure continues to rise over the Kingdom generally and a belt of high pressure is forming over Southern England. Further showers are to be expected in the West and North but in other districts weather will be mainly fair with higher day temperature than of late.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 29th April, 1922.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light variable winds; fine, visibility good after morning mist; day temperature higher than of late but night frost probable.	Weather more settled in the South with higher day temperature. Continuing cold and showery in the North.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light Northerly wind; fair but local showers; visibility good after morning mist; rather cold.	
9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Wind between West and North, light or moderate; cloudy, local showers; visibility moderate to good, some morning mist; rather cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind moderate Northerly; cloudy, some showers of rain or hail; visibility mainly good; cold.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 8.	

E.G.B.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 10.00 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:

Page 4. BRITISH SECTION. Saturday 29th April 1922. No. 120.

Observations at 0100 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1002·0	+6	ENE	2	c	43	85	Y	-	-	0	A Cu	Y	*
Stornoway	1010·8	+2	N	5	co	*	*	*	*	*	*	*	*	*
Wick	1001·5	0	NW	Y	oR	42	9Y	Y	2500	Nb	10	-	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1011·2	0	NNE	3	b	43	9Y	Y	-	-	0	A Cu	1	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1009·3	+3	WSW	3	b	40	Y5	8	*	St Cu	2	-	2	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1009·Y	+2	WSW	2	b	39	92	6	-	-	0	-	0	*
Blacksod Point ...	1013·2	+1	NNW	4	bc	40	9Y	5	*	Cu Nb	5	-	5	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1010·5	+1	NW	3	b	*	*	8	2500	Cu	2	-	2	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Shotwick) ...	*	*	*	*	*	*	*	-	*	*	*	*	*	*
Spurn Head														*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1010·5	+2	WSW	3	0	40	92	6	2500	St	10	-	10	*
Gorleston	1009·8	+1	W'N	1	b	39	92	Y	-	-	0	-	0	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1015·1	+2	NE	2	b-	48	9Y	Y	*	-	0	Ci Cu	3	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1011·4	+1	N	1	b	39	85	8	-	-	0	-	0	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	38	*	*	*	*	*	*	*	*
Croydon	1010·5	+2	-	0	b-	38	92	6	4000	St Cu	3	-	3	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1010·4	+3	-	0	b-	38	92	6	2500	St Cu	2	-	2	*
Scilly (St. Mary's) ...														*
Falmouth (Pendennis)	1010·4	+2	N	1	0+	43	92	8	2500	St	10	-	10	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1009·9	+1	N'W	3	b	44	85	Y	-	-	0	Ci Cu	3	*
Southampton (Calshot)	1010·5	+2	-	0	b-	40	85	6	-	-	0	-	0	*
Dungeness	1009·8	+2	W	1	b	40	9Y	8	-	-	0	-	0	*
Jersey (7h.) ... ... Guernsey (1h.)		+2		2	b-	42	92	6	-	-	0	Ci St	1	*

Observations at 0700 G.M.T. 29th

Stations.	Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	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	1003·Y	+1	NNE	2	c	43	92	Y	5Y50	St Cu	3	A Cu	Y	1
Stornoway	1010·1	+2	N	4	0pr	40	92	6	4500	St	10	-	10	3
Wick	1001·5	+5	NW	2	0pr	43	9Y	8	2500	Nb	9	-	9	0
Castlebay	1012·8	+1	NW	4	cfr	42	85	6	800	Cu Nb	8	-	8	4
Nairn	1009·Y	*	N	4	0	41	85	8	1500	St	10	-	10	*
Aberdeen	1005·5	+4	NW	4	cfr	42	92	Y	1500	Nb	5	A Cu	Y	0
Malin Head	1012·1	+1	N	3	cpr	42	92	8	4000	Cu Nb	8	-	8	8
Renfrew	1009·6	+2	W	1	0	40	85	5	2500	St	6	A St	10	*
Edinburgh (Inchkeith)	1009·9	+1	WSW	4	mmc	38	85	6	*	St Cu	1	A St	Y	3
Eskdalemuir	1010·3	+1	SSW	1	c	30	85	8	-	-	0	Ci St	8	*
Tynemouth	1008·2	+1	W	2	b	39	85	6	-	-	0	A Cu	2	1
Blacksod Point ...	1014·Y	+5	NE'N	6	cpk	44	Y5	9	*	Cu Nb	8	-	8	6
Donaghadee	1011·5	+2	NNE	2	bc	42	85	8	4000	Cu Nb	3	Ci Cu	4	0
Birr Castle	1013·4	*	NW	1	0+	33	9Y	Y	4000	St Cu	9	-	9	*
Baldonnell														*
Holyhead	1012·1	+2	WNW	3	b	43	Y5	9	2500	Cu	2	-	2	2
Liverpool (Bidston) ...	1011·2	+2	W	3	b	40	88	Y	2500	Cu	3	-	3	3
Chester (Shotwick) ...	1010·6	+2	WSW	3	b	43	65	8	-	-	0	-	0	*
Spurn Head	1010·3	+1	WNW	4	mbc	43	85	4	-	-	0	A St	5	5
Nottingham	1011·6	*	W	1	b	38	92	3	-	-	0	-	0	*
Cranwell	1011·4	+1	W	3	mb	39	92	6	-	-	0	Ci	1	*
Gorleston	1011·4	+1	SW	1	b	39	92	6	5Y50	St Cu	2	-	2	1
Pulham														*
														*
Valencia (Cahirciveen)	1015·0	+1	-	0	bc+	40	85	8	4000	St Cu	5	-	5	1
Roches Point	1014·1	+1	NNW	3	b+	40	92	8	2500	Cu Nb	1	-	1	0
Pembroke (St. Ann's H.)	1012·2	+2	N	2	b	41	85	8	4000	Cu	2	-	2	2
Ross-on-Wye	1011·9	+2	-	0	mmc	36	9Y	4	5Y00	St Cu	10	-	10	*
Benson	1011·9	+5	-	0	b	36	9Y	6	-	-	0	-	0	*
S. Farnborough ...	1009·Y	+3	N	1	b	32	85	4	-	-	0	-	0	*
London (Kew Obsy.) ...	1012·1	+3	-	0	mb	38	9Y	4	-	-	0	-	0	*
Croydon	1011·8	+3	S	2	b-	41	85	6	-	-	0	Ci Cu	5	0
Clacton-on-Sea ...	1011·4	+3	E	2	mb-	43	92	6	-	-	0	-	0	0
Shoeburyness	1011·Y	+0	NW	1	mb-	41	85	5	-	-	0	-	0	*
Grain	1011·Y	+5	-	0	mb-	40	9Y	4	-	-	0	-	0	*
Lympne	1011·8	+2	SW	1	b	41	9Y	6	-	-	0	-	0	0
Scilly (St. Mary's) ...														0
Falmouth (Pendennis)	1011·6	+5	N	2	0fr	38	92	Y	2500	St	10	-	10	0
Plymouth (Cattewater)	1011·1	+2	NE	1	0r	39	92	8	2500	Nb	10	-	10	2
Portland Bill	1010·8	+1	N'W	2	b	44	85	Y	-	-	0	-	0	0
Southampton (Calshot)	1011·3	+2	-	0	b+	40	92	5	-	-	0	Ci	1	2
Dungeness	1011·1	+2	N	1	b	34	9Y	6	-	-	0	-	0	2
Jersey (7h.) ... ... Guernsey (1h.)	1010·5	0	W	2	bc	43	92	6	1500	St	4	-	4	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Fri. 28th

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 27-28 °F.	Temperature. Max. Day 28 °F.	Rainfall.† Night 12h.-9h. 27-28 mm.	Rainfall.† Day 9h.-12h. 28 mm.	Sunshine. Sunrise to 12h. 28 hr.	Sunshine. Sunrise to Sunset 27 hr.
Banff	copch		41	45	1	0·3	2·7	1·1
Montrose	cbc	bc	39	50	-	-	10·1	8·3
Llandudno	cbc	bbrc	40	48	-	?	9·6	6·0
Colwyn Bay ...	bc	bcb	41	49	-	-	9·3	5·7
Rhyl	bcc	bcb	42	48	-	-	9·8	5·0
Southport	ocbc	bccb	38	48	1	-	8·2	6·8
Blackpool	c	bcc	38	49	1	0·1	8·5	4·5
Harrogate	bcp	bcpc	34	49	3	-	7·5	2·9
Skegness	bbcor	oro	37	48	-	8	4·5	4·5
Aberystwyth ...	cbb	bbc	36	47	-	-	11·0	8·7
Bath	bccb	prhb	33	51	2	2	4·5	3·0
Leamington Spa ..	bccbo	cbo	34	50	1	-	3·6	2·2
Lowestoft	cgc	cpphr	34	53	0·1	2	5·5	4·8
Felixstowe	ob	bc	34	52	2	-	6·0	6·3
Southend	cbc	bcc	36	55	1	-	8·7	5·1

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 27-28 °F.	Temperature. Max. Day 28 °F.	Rainfall.† Night 12h.-9h. 27-28 mm.	Rainfall.† Day 9h.-12h. 28 mm.	Sunshine. Sunrise to 12h. 28 hr.	Sunshine. Sunrise to Sunset 27 hr.
Paignton	bc	bc·o	38	51	-	-	6·0	10·3
Ilfracombe	cbcb	b	42	52	1	-	9·0	9·0
Bude	b	b	41	51	-	-	6·5	10·0
Penzance	bc	c	41	57	0·3	-	3·0	9·3
Falmouth Observatory	bcc	bcc	39	52	-	-	7·0	12·0
Torquay	b	o	37	52	0·1	-	5·4	10·2
Weymouth	bc	bcbc	36	55	0·2	0·4	8·0	9·0
Bournemouth ...	b.bc	cto	34	53	-	1	7·3	7·2
Portsmouth (Southsea)	b.bc	bc	36	54	-	3	7·3	9·4
Worthing	b.bc	bcc	35	53	-	-	7·6	7·0
Brighton	bc	bcc	37	53	-	-	8·4	7·8
Eastbourne ...	b.bc	cbrco	37	51	-	1	6·5	6·9
Hastings	b.bcc	cotpo	37	51	-	1	6·7	5·6
Folkestone	bc	bc	38	51	-	-	9·3	2·5
Tunbridge Wells ...	b.bc	bcbbc	28	53	-	-	7·4	2·2
Ramsgate	bc	b	35	45	-	-	11·1	1·1
Margate	b	b	40	50	-	-	11·2	3·1
Deal	b.bc		36	52	-		10·0	0·7

* Information for these columns not usually received. † Trace = rain has fallen, but amounts less than 0·1 mm. ‡ For code see page 8. § See footnote page 7.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,073 SUNDAY, 30th APRIL 1922.

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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1005.3	+1	N	2	bc	50	75	8	5750	Cu	4	-	4	•
Stornoway	1010.9	+1	N	4	or₀r₀	44	85	6	450	St	10	-	10	•
Wick	1006.5	+3	NW	3	c	45	85	8	5750	Cu	7	-	7	•
Castlebay	1013.9	0	NW	5	o	46	75	6	1500	CuNb	8	ASt	9	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1007.5	+2	NW'N	4	cp₀	46	85	8	2500	CuNb	6	Ci	7	•
Malin Head	1013.0	+1	N	3	c-	39	92	8	7250	CuNb	7	-	7	•
Renfrew	1010.8	+1	NW	4	o	48	65	8	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1009.5	+1	NW	3	o/f	46	65	9	-	Cu	4	CiSt	10	•
Eskdalemuir	1010.2	+1	NW	2	o	45	65	7	2500	StCu	10	·	10	•
Tynemouth	1009.6	0	NW	2	o	49	75	7	4000	StCu	10	-	10	•
Blacksod Point	1016.4	+2	N	6	bcp₀	45	75	9	-	CuNb	4	-	4	•
Donaghadee	1012.7	+1	NNE	3	bc+	48	75	8	4000	Cu	3	CiCu	5	•
Birr Castle	1013.9	•	N	2	c-	47	75	8	2500	CuNb	8	·	8	•
Baldonnell														•
Holyhead	1013.0	0	WNW	3	b	47	75	9	4000	Cu	3	-	3	•
Liverpool (Bidston)	1012.2	+1	WNW	3	b-	46	65	8	4000	StCu	2	-	2	•
Chester (Shotwick)	1010.8	0	NW	4	b	48	55	9	5750	Cu	2	·	2	•
Spurn Head	1010.6	0	W	2	bc	51	85	6	4000	Cu	5	-	5	•
Nottingham	1011.3	•	W	3	bc+	50	85	7	2500	Cu	5	-	5	•
Cranwell	1011.9	0	WNW	3	c	52	55	6	4000	Cu	7	-	7	•
Gorleston	1012.3	+1	SSE	3	bc+	47	85	6	4000	CuNb	6	-	6	•
...														•
Valencia (Cahirciveen)	1015.6	0	N'W	4	c	48	65	9	2500	StCu	8	-	8	•
Roches Point	1014.0	0	N	2	opr₀	47	85	8	2500	CuNb	9	-	9	•
Pembroke (St. Ann's H.)	1013.0	0	N	3	b	48	75	8	4000	Cu	3	-	3	•
Ross-on-Wye	1010.7	0	NNW	1	bc-	51	55	8	4000	Cu	5	-	5	•
Benson	1010.8	0	NE	1	bc	52	55	6	-	StCu	5	-	5	•
S. Farnborough	1011.7	-1	S'W	2	c+	57	45	7	2500	Cu	8	-	8	•
London (Kew Obsy.)	1011.2	-2	SW	2	bc	56	45	8	4000	Cu	4	-	4	•
Croydon	1011.1	-2	WSW	1	bc	56	45	7	5750	Cu	6	-	6	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shoeburyness	1011.4	-1	-	0	zb-	54	55	6	4000	StCu	2	-	2	•
Grain	1011.6	-1	ENE	1.	bc+	53	65	6	4000	Cu	4	-	4	•
Lympne	1011.4	-1	SSE	3	b	51	65	7	4000	CuNb	2	-	2	•
Scilly (St. Mary's)	1012.3	+1	NNE	4	c/r	48	65	8	4000	CuNb	6	-	6	•
Falmouth (Pendennis)	1011.6	0	S	2	b.	50	85	8	5750	Cu	2	ACu	3	•
Plymouth (Cattewater)	1010.9	0	S	2	c-	46	85	8	1500	StCu	7	-	7	•
Portland Bill	1010.8	0	N'E	2	bc+	51	85	7	-	-	0	CiCu	5	•
Southampton (Calshot)	1011.1	-1	SE'E	3	bcp	49	85	7	4000	CuNb	6	-	6	•
Dungeness	1011.8	0	-	0	b.	51	75	7	4000	Cu	2	-	2	•
Jersey	1010.6	0	NW	3	bc	51	75	7	4000	StCu	4	-	4	•

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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1006.8	+1	NNW	2	c+	48	85	7	-	·	0	ACu	7	6
Stornoway	1011.7	+1	N	4	o/r	45	85	6	450	St	10	-	10	3
Wick	1007.6	+1	NW	4	o	45	92	8	800	St	6	ACu	10	3
Castlebay	1014.5	0	NW	5	oph₀	44	85	6	800	St	10	·	10	4
Nairn	1009.8	•	NNW	1	o	46	75	8	1500	St	9	-	9	•
Aberdeen	1009.2	+2	NW'N	3	c/r	44	85	7	2500	CuNb	7	-	7	0
Malin Head	1014.9	0	NNW	4	bc	44	97	8	4000	CuNb	6	-	6	2
Renfrew	1010.8	0	WNW	4	b-	48	65	8	5750	StCu	2	Ci	3	•
Edinburgh (Inchkeith)	1009.6	+1	WSW	3	bcp₀	44	85	8	-	CuNb	5	-	5	3
Eskdalemuir	1010.9	0	SW'S	1	c/r	44	75	8	2500	StCu	6	CiSt	7	•
Tynemouth	1011.3	+2	S	1	o/r	45	92	7	4000	Cu	5	ACu	9	0
Blacksod Point	1017.3	+1	N	6	bcp₀	45	75	9	-	CuNb	5	-	5	6
Donaghadee	1014.0	+1	NNE	2	bc-	46	75	8	4000	Cu	2	CiCu	4	3
Birr Castle	1014.3	•	N	2	c	47	75	8	2500	CuNb	8	-	8	•
Baldonnell														•
Holyhead	1013.3	+1	NNW	3	c	45	85	8	2500	Cu	1	Ci	7	0
Liverpool (Bidston)	1012.5	+1	WNW	3	b	45	75	9	-	-	0	-	0	3
Chester (Shotwick)	1011.2	+1	NW	4	b	47	65	9	4000	Cu	1	CiSt	2	•
Spurn Head	1011.5	+1	NNW	3	bc	49	92	5	4000	Cu	4	·	4	2
Nottingham	1011.7	•	WNW	2	b-	51	55	6	-	-	0	·	0	•
Cranwell	1011.8	0	WNW	3	b-	51	55	6	4000	Cu	2	·	2	•
Gorleston	1012.1	0	SSE	3	cr₀	46	92	6	4000	CuNb	8	·	8	1
...														•
Valencia (Cahirciveen)	1016.8	+1	N'E	4	bc	48	65	9	4000	Cu	4	-	4	3
Roches Point	1014.9	0	N	4	c-	45	92	8	2500	CuNb	7	·	7	0
Pembroke (St. Ann's H.)	1013.0	+1	N	4	b	43	85	8	-	-	0	Ci	3	2
Ross-on-Wye	1011.7	+2	SW'S	3	o+	45	75	7	2500	St	10	-	10	•
Benson	1010.7	0	S	1	o+	50	65	8	-	St	10	-	10	•
S. Farnborough	1011.2	+1	NW	1	o/r	50	65	7	2500	StCu	8	ASt	10	•
London (Kew Obsy.)	1011.1	0	S	1	c	53	55	5	4000	StCu	8.	-	8	•
Croydon	1011.4	+1	SW	4	o	52	55	7	4000	Cu	9	-	9	•
Clacton-on-Sea	1011.3	0	SE	3	bc	49	85	6	-	·	0	ACu	4	0
Shoeburyness	1011.6	0	ESE	1	zb.	49	65	6	7250	StCu	1	ASt	2	•
Grain	1011.1	0	E	1	bc-	51	65	6	5750	Cu	4	-	4	0
Lympne	1010.8	0	ESE	2	b	50	65	7	4000	Cu	1	·	1	•
Scilly (St. Mary's)	1012.6	0	NNE	4	c/r	45	75	8	4000	CuNb	6	-	6	4
Falmouth (Pendennis)	1012.5	+2	NNE	5	b	42	92	8	2500	Cu	3	·	3	1
Plymouth (Cattewater)	1011.5	+1	NNW	3	o	45	85	6	1500	StCu	9	·	9	0
Portland Bill	1010.8	0	-	0	b-	49	85	6	-	-	0	·	0	0
Southampton (Calshot)	1011.2	+1	SE	2	b-	50	85	7	4000	CuNb	2	·	2	0
Dungeness	1011.5	0	SE	2	b	52	85	7	4000	Cu	2	·	2	0
Jersey	1009.6	0	N	3	c+	52	75	8	-	·	0	CiSt	7	0

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 HOURS ENDED 0900 G.M.T. 30th; Sunshine and Humidity 15h.: YESTERDAY; Humidity 9h.: TO-DAY)

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.	Humidity 15h. G.M.T. %	Humidity 9h. G.M.T. %
Kew	bmmbc	bcczu	bmxw	•	•	27	-	-	7.8	•	•
Croydon } 24 hours ended 0700	bcmz	bcyoz	bfebmx	•	•	28	-	-	8.5	•	•
Greenwich (Royal Obsy.)	bcz	bcoz	obozx	60	38	27	-	-	9.3	49	71
City (Bunhill Row)	•	•	•	•	•	•	•	•		•	•
Westminster (St. James' Pk.)											
Regents Pk. (Botanic Gdns.)	•	•	•	•	•	•	•	•	6.8	•	-
Camden Sq.	o	ob	•	56	39	33	-	-	•	•	81
Kensington Palace	bbc	cou	•	57	40	31	-	-	•	64 (16h.)	68
Hampstead Observatory			•							•	

ATMOSPHERIC POLLUTION. Milligrams of Solid impurity per cubic metre. 24 Hrs. ended 1300 G.M.T. 29th

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 29th ......h......m. to 30th ......h......m.

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

RADIO DISTURBANCES (Atmospherics) AT CROYDON.§

Time.	Type.	No. per ¼ sec.	Stren.	Direc.
13h.	-	-	-	-
18h.	-	-	-	-
0h.	-	-	-	-
7h.	-	-	-	-

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 30th APRIL & 1st MAY 1922.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.26 4.24	11.50 11.50	7.13 7.16
Greenwich	4.37 4.34	11.57 11.57	7.17 7.20
Wick	4.23 4.20	12.9 12.9	7.54 7.58
Valencia	5.16 5.13	12.38 12.38	7.59 8.2

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.

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

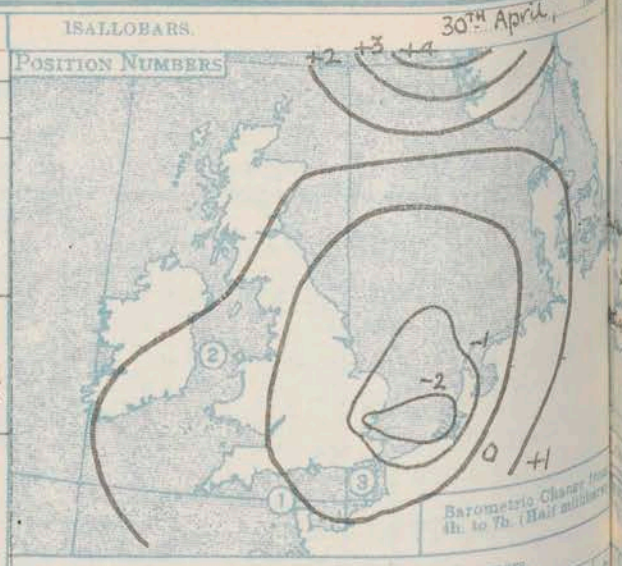
§ For explanation, see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 2.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 29th	13h.-18h. 29th	18h.-1h. 29th to 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	b.bc	b.bc	c	oo	51	41	.	-	-	-	-	.
Stornoway	r p	p					.	3		-		
Wick	c	oo	oir	oRR	49	40	.	-	5	-	<2100	.
Castlebay	opco	ochpo	opc	copc	46	42	.	0.6	3	-		
Nairn	ir.cg		ir.c		48	39	.	0.3	4	1430	<2100	0.0
Aberdeen	bepr.	cprh	co	opr.o	49	40	38	1	0.4	0900	2400	3.3
Malin Head	cp.	cp.	oipm	oir	45	40	.	Trace	2	13.30	<2100	6.5
Renfrew	omz	obcb	bbc	bcc	51	37	31	Trace	-	14.30	.	4.7
Edinburgh (Inchkeith)	b.bc	p	oo	r.d	49	40	37	0.5	1	17.30	<2100	0.7
Eskdalemuir	c.o	opr	bcb	bco	46	24	21	Trace	-	14.30	-	0.5
Tynemouth	bcom	op.m	cm	bm	52	31	31	0.2	-	12.30	-	.
Blacksod Point ...	p	p	b.bc	bbc	47	40	.	0.6	-	-	-	.
Donaghadee	bcq	bcq	bc	bp	49	39	.	-	trace	-	0430	.
Birr Castle	cophr	cphr	cox	co	51	33	26	0.5	-	0900	-	4.2
Baldonnell												
Holyhead	bcv	bcvc	cbcb	bour	48	42	41	-	trace	-	0630	11.8
Liverpool (Bidston) ...	b.bc	b	b		49	40	33	-	-	-	-	12.1
Chester (Shotwick) ...	v.b.b	b.bc	b.	bcprb	49	35	32	-	0.3	-	0430	.
Spurn Head	b.bc	b.bc	b.bc	bbc	53	39	.	-	-	-	-	7.7
Nottingham	b.bc	b.bc	b m		55	33	29	-	-	-	-	9.5
Cranwell	xbbcc	b.bc	bm	bm	53	31	25	-	-	-	-	11.9
Gorleston	b.bcc	cpr.r	ctrb	bbcfc	49	34	33	0.4	1	15.30	<2100	6.8
Valencia (Cahirciveen)	bccvy	bcv	bcp	bcop	50	39	34	-	0.2	-	0530	10.1
Roches Point	bcop.	cphp	cb	bw	50	39	.	0.6	trace	12.30	-	.
Pembroke (St. Ann's H.)	b.bc	b.bc	b.bc	bcpr	50	39	.	-	0.2	-	0530	13.1
Ross-on-Wye	cbcc	bcyco	p.obcc	ocbco	52	39	33	-	0.1	-	<2100	4.9
Benson...	bcn	bcb	tbc	bc	57	29	24	-	-	-	-	.
S. Farnborough ...	b.bc	p	occb	bx	59	29	23	Trace	-	17.30	-	7.1
London (Kew Obsy.) ...	bmwbc	bczw	bmb	bmxw	57	38	27	-	-	-	-	7.8
Croydon	bcmz	bcyoz	b.fc	bbcmx	57	34	28	-	-	-	-	8.5
Clacton-on-Sea ...	bcm		bcbm	bw	51	38	35	-	-	-	-	12.2
Shoeburyness	bmbz	bz	b	bmw	53	35	28	-	trace	-	-	11.7
Grain	bcbc	bccbc	bbcb	bbcb	54	35	23	-	-	-	-	9.5
Lympne	b.bc	b.bc	b.bc	F	53	38	32	-	-	-	-	12.6
Scilly (St. Mary's) ...	cphr	hwrh	bc	cqphr	49	41	.	2	0.3			5.6
Falmouth (Pendennis)	obcb	bhp	b	bcm	51	41	.	0.4	-	13.30	-	8.9
Plymouth (Cattewater)	c	c						0.1		-		
Portland Bill	bc	cb	b	b	52	39	.	-	-	.	-	.
Southampton (Calshot)	p	b.bc	bbc	bbc	52	42	39	Trace	-	.	-	11.3
Dungeness	b.bc	b.bc	b.bc	bf	52	37	.	-	-	-	-	.
Jersey	b	bc	c	cb	54	44	.	-	-	-	-	11.8

ISALLOBARS.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	29th 1000	Cambria	W	4	bv	43	46
1	29th 1200	Reindeer	NNW	3	o	49	48
3	30 0800	Brighton	NE	4	b	48	

GENERAL INFERENCE.

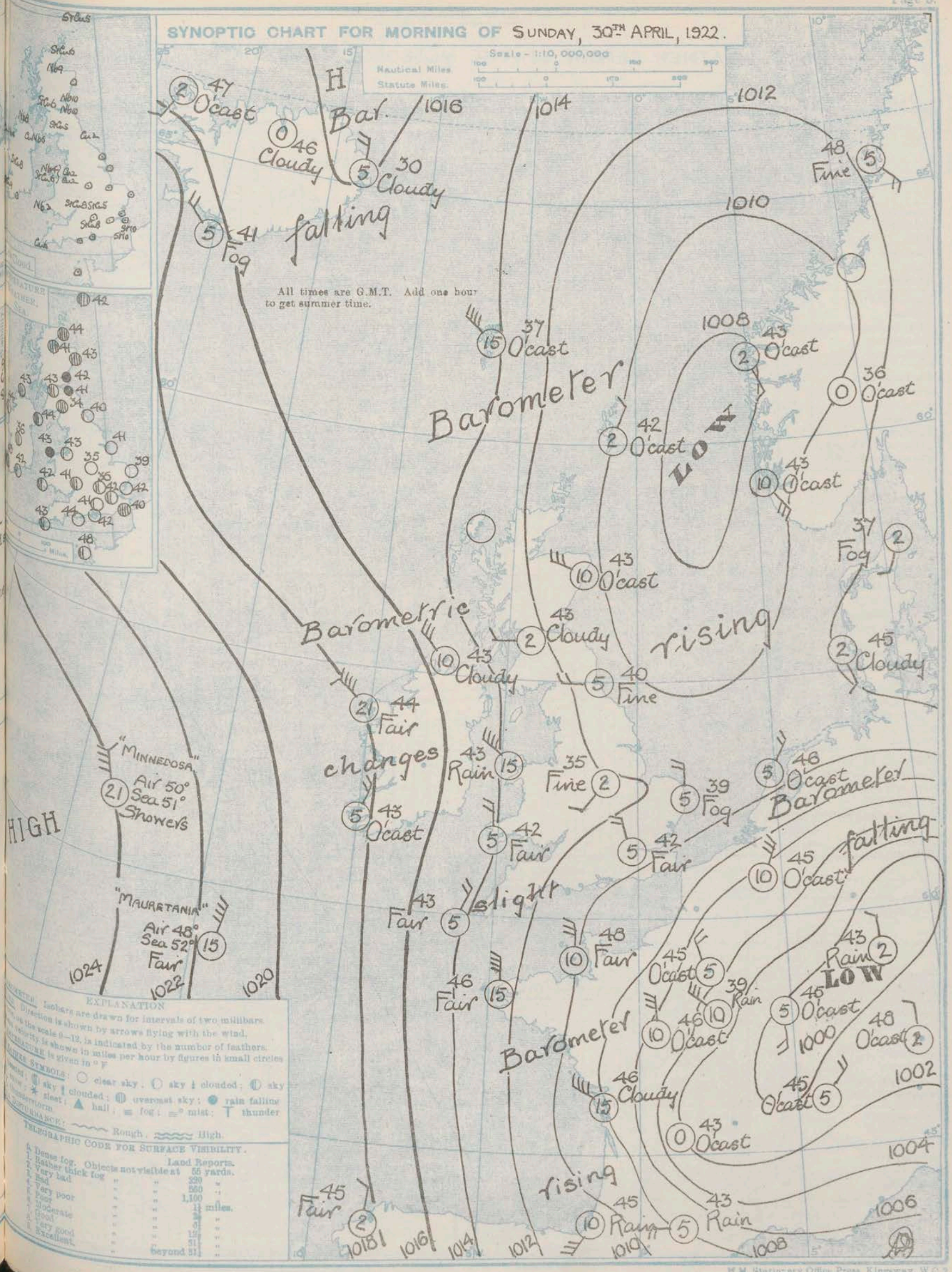
There is a tendency for the formation of a ridge of high pressure from the Azores to Scandinavia and mainly fair weather is likely for a day or two in all districts. A depression centred over France may however cause some rain in the extreme Southeast of England.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 30th April 1922.	Further Outlook.
1. S.E. England 2. E. England	Wind Northeasterly, moderate, fresh at times on coast; mainly cloudy, perhaps some rain; visibility moderate; moderate temperature, frost in places at night.	
3. E. Midlands 4. W. Midlands	Wind Northeasterly, light or moderate; fair or cloudy; visibility moderate or good; moderate temperature, frost in places at night	Mainly fair for a day or two.
5. S.W. England 6. South Wales	Wind Northerly, light or moderate; fair generally, local showers; visibility mainly good, morning mist; rather cold.	
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 between North and West, light; fair, local showers; visibility mainly good, morning mist; rather cold.	
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind between North and West, light or moderate; variable cloud, local showers; visibility good; rather cold.	
19. S.E. Ireland 20. S.W. Ireland	Same as 4 to 6	

M.A.S.

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

† For Code see opposite page.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SUNDAY, 30th APRIL 1922. No. 121.

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	1008.2	+1	NNE	1	c	43	92	7	5750	StCu	8	-	8	*
Stornoway						*	*		*	*	*	*	*	*
Wick	1008.2	0	NW	2	o/r	42	97	8	800	St	6	A.St	10	*
Castlebay	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	1014.2	-2	NW	4	orr	44	97	6	4000	Nb	10	-	10	*
Renfrew	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	1010.7	+3	WSW	2	o+	41	97	7	-	StCu	4	A.St	9	*
Eskdalemuir	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	1011.0	-1	WSW	2	b-	39	83	5	-	-	0	A.St	1	*
Blacksod Point ...	1018.0	0	NW'W	5	bc	43	65	5	-	CuNb	4	-	4	*
Donaghadee	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Baldonnell														*
Holyhead	1013.8	0	N'W	4	b	x	x	7	2500	Cu	1	-	1	*
Liverpool (Bidston) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sholwick) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	1011.5	0	WNW	3	b 42	42 42	92	6	-	5 2	0	-	0	*
Nottingham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	1013.7	+1	NW'W	2	b	35	85	6	-	-	0	-	0	*
Gorleston	1011.8	0	-	0	b/fb	43	92	6	-	-	0	-	0	*
Pulham	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Valencia (Cahirciveen)	1018.3	+1	NE	3	cpr	41	97	4	-	Nb	8	-	8	*
Roches Point	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	1013.8	0	NNE	2	b	40	92	8	-	-	0	A.St	2	*
Ross-on-Wye	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	*	*	*	*	*	42	*	*	*	*	*	*	*	*
Croydon	1012.2	0	-	0	mb+	35	97	5	-	-	0	-	0	*
Clacton-on-Sea ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Shoeburyness	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Grain	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	1010.5	-1	E	1	b	40	92	7	-	-	0	-	0	*
Scilly (St. Mary's) ...	1013.5	0	NNE	4	bc	44	75	8	4000	CuNb	5	-	5	*
Falmouth (Pendennis)	1013.0	0	NNE	4	b	41	97	8	4000	Cu	2	-	2	*
Plymouth (Cattewater)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	1010.8	0	NE	3	b	44	85	6	-	-	0	-	0	*
Southampton (Calshot)	1011.0	-1	N	3	b	42	85	7	-	-	0	-	0	*
Dungeness	1010.2	-1	N	2	b	45	97	7	-	-	0	-	0	*
Jersey (h) ... ... / Guernsey (h)	1011.2	0	NNE	3	b	45	92	7	-	-	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	1010.8	+2	NNE	1	c+	42	85	6	5750	StCu	5	A.St	10	0
Stornoway													9	0
Wick	1010.8	+4	NNE	3	o/r	44	92	8	4000	StCu	6	A.Cu	7	4
Castlebay	1015.4	+1	NNW	4	c/r	43	85	6	800	Nb	7	-	9	*
Nairn	1011.6	*	NNW	1	o/r	41	92	8	2500	Nb	9	-	10	0
Aberdeen	1010.6	+1	WNW	3	o/r	43	85	7	-	-	0	A.St	10	2
Malin Head	1014.2	0	NW	3	c-	43	97	8	4000	Nb	8	-	8	*
Renfrew	1012.5	+1	W	1	c	43	85	8	4000	StCu	6	Ci	10	2
Edinburgh (Inchkeith)	1011.3	+2	WSW	3	or	41	97	7	-	Nb	10	-	9	*
Eskdalemuir	1012.7	+1	-	0	o	34	75	8	4000	StCu	5	A.Cu	2	0
Tynemouth	1011.1	0	W	2	b	40	92	6	4000	Cu	2	-	4	4
Blacksod Point ...	1017.8	0	NW	5	bc	44	75	8	-	CuNb	4	-	8	0
Donaghadee	1014.2	+1	NNE	2	c-	44	92	8	4000	CuNb	6	CiCu	8	*
Birr Castle	1016.9	*	N	2	c+	36	92	7	4000	StCu	8	-		*
Baldonnell													10	3
Holyhead	1013.3	-1	NW	4	or	43	92	7	800	StCu	10	-	2	3
Liverpool (Bidston) ...	1012.3	0	WNW	3	b	43	85	7	2500	Cu	2	-	2	*
Chester (Sholwick) ...	1011.0	0	WNW	3	b+	44	85	8	2500	Cu	2			*
Spurn Head	1011.9	0	NW	3	b	41	92	6	-	-	0	-	0	3
Nottingham	1012.2	*	SW	1	b	35	97	4	-	-	0	-	0	*
Cranwell	1012.5	0	WNW	3	b	37	92	5	-	-	0	-	0	0
Gorleston	1011.3	-1	N	2	fb.	39	97	1	-	-	0			*
Pulham														*
														*
Valencia (Cahirciveen)	1018.7	+1	NNE	2	o	43	75	9	5750	StCu	9	-	9	3
Roches Point	1017.0	0	NNW	4	b	42	92	8	-	-	0	A.Cu	3	0
Pembroke (St. Ann's H.)	1014.2	0	N	2	b/p	42	92	8	2500	Nb	3	-	3	2
Ross-on-Wye	1012.8	0	N	1	c	41	85	9	5750	StCu	8	-	3	*
Benson	1011.7	+1	-	0	bc	36	97	5	-	StCu	5	A.Cu	2	*
S. Farnborough ...	1011.4	0	NW	1	b	34	97	6	-	-	0	A.Cu	3	*
London (Kew Obsy.) ...	1011.3	+1	NW	2	b	42	75	6	-	-	0		0	0
Croydon	1011.7	0	NNW	1	b	40	85	5	-	-	0	-		*
Clacton-on-Sea ...	1010.2	0	N	3	mb-	42	97	5	-	-	0	A.St	3	0
Shoeburyness	1010.5	-2	NE	1	mb-	44	75	6	-	-	0	Ci	3	*
Grain	1010.6	0	N	2	b	45	85	6	-	-	0	-	10	*
Lympne	1009.6	+1	N	4	o-	42	97	5	450	St	10		9	5
Scilly (St. Mary's) ...	1014.0	0	NE	5	obho	44	85	8	4000	CuNb	9	-	6	0
Falmouth (Pendennis)	1013.6	+1	NNE	2	bc	43	85	7	4000	Cu				3
Plymouth (Cattewater)													0	0
Portland Bill	1010.8	0	NE	4	b	44	85	6	-	-	0	-	0	3
Southampton (Calshot)	1011.0	0	NE	3	b	42	85	6	-	-	0	-	10	3
Dungeness	1008.9	-1	NNE	3	lfo	40	97	3	450	St	10	A.Cu	3	
Jersey (h) ... ... / Guernsey (h)	1009.7	0	N	3	b	48	85	7	-	-	0			

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 28-29	Temperature. Max. Day 29	Rainfall.† Night 18h.-9h. 28-29	Rainfall.† Day 9h.-18h. 29	Sunshine. Sunrise to 1700 29	Sunshine. Sunrise to Sunset 28
			°F.	°F.	mm.	mm.	hr.	
Banff	opc	bcco	40	48	10	1	1.8	2.7
Montrose	o	o	39	52	-	-	2.7	10.7
Llandudno	b	b	39	50	-	-	11.4	11.5
Colwyn Bay ...	bc	bcb	37	50	-	-	11.3	11.7
Rhyl	b	b	30	48	-	-	11.5	11.6
Southport	b.bc	bc.b	41	49	-	-	11.4	8.4
Blackpool	cb	bc	40	50	-	-	11.0	4.5
Harrogate	bcb	b	34	52	2	-	11.7	7.5
Skegness	b	b	34	54	-	-	10.0	4.8
Aberystwyth ...	cb	b	32	46	-	-	11.5	13.0
Bath	bbc	bccop	30	53	-	0.3	5.4	4.5
Leamington Spa ...	c	c	31	53	6	-	6.5	3.6
Lowestoft	bc	bcco	37	52	-	-	10.0	5.6
Felixstowe	bz	bm	36	51	-	-	10.4	6.5
Southend	b	b	38	56	-	-	10.2	8.7

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. Night 28-29	Temperature. Max. Day 29	Rainfall.† Night 18h.-9h. 28-29	Rainfall.† Day 9h.-18h. 29	Sunshine. Sunrise to 1700 29	Sunshine. Sunrise to Sunset 28
			°F.	°F.	mm.	mm.	hr.	
Paignton	oyobc	bc	36	52	6	3	5.7	6.2
Ilfracombe	o	op	37	47	1	-	0.0	7.5
Bude	co	copbc	40	48	1	0.1	2.0	3.5
Penzance	bco	cphbc	36	51	11	2	6.7	7.1
Falmouth Observatory	yocb	b	39	54	7	3	5.1	5.4
Torquay	bc	bcb	34	56	-	-	6.7	8.3
Weymouth	b	b	32	54	-	-	10.0	7.3
Bournemouth ...	b	b	36	53	1	-	11.2	7.3
Portsmouth (Southsea)	b	b	33	55	0.3	-	11.8	7.2
Worthing	b	b	34	53	-	-	11.4	8.4
Brighton	b	b	34	54	0.1	-	11.6	6.5
Eastbourne	b	b	38	53	2	-	11.4	6.7
Hastings	bc	bcb	37	54	-	-	10.2	9.9
Folkestone	b.bc	cocb	32	56	-	-	5.6	7.4
Tunbridge Wells ...	b	b	38	50	1	-	11.2	11.5
Ramsgate	cb	bc	39	55	2	-	9.8	12.0
Margate	b	b	36	55	-	-	11.7	10.1
Deal								

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, April. 1922.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Roches Pt.	13h bar. change -1.
	Chesler.	18h " " +2.
	Felixstowe.	" weather. b: Clouds. 5Y50: Cu: 1: Ci: 3: Sea. 1.
	Baldonnell.	7h bar. change +3: Cloud hi. 2500.
2nd	Kew.	" cloud total. 10. Min 32
	Eskdalemuir.	18h clouds. 6000' Sc. Cu. 8: Max 41.
	Blacksod.	13h bar. change +1.
	Chester.	" Vis. 5: Grass min 21.
	Fulham.	18h bar. 1009.8: Wind N.2. Temp 37
	Kew.	13h wind NE: 18h wind NE.
	Croydon.	18h " NE'N.
	Renfrew.	Min 25.
	Baldonnell.	Sun 7.2.
3rd	Renfrew.	13h wind N.1.
	Fulham.	" bar. 1009.4.
	Croydon.	" wind SE.2.
	Cattewater.	" low cloud. Sc. Cu.
	Calshot.	" bar. 1007.9
	Chester.	7h temp 32.
	Aberdeen.	Rain, night. 0.4.
	Valencia.	Max 48.
	S. Farnborough.	Sun 8.3.
	Bude.	" 2nd 4.6.
4th	Brighton.	" " 4.8.
	Aberdeen.	13h weather. b. asi.
	Baldonnell.	18h bar. change +4: 7h high cloud
	Grain.	13h bar. 986.6. 18h Sea 6.
	Castlebay.	7h temp 38.
	Stornoway.	Max 42.
	Nairn.	Min 33.
	Renfrew.	Rain day trace.
	Chester.	" " "
	Valencia.	Max 48.
	Calshot.	Rain, day. 9.
	Jersey.	Max 52.
	Colwyn Bay.	No rain: Sun 3rd 2.1: 2nd 4.5.
	Bude.	Sun 2nd 4.6.
	Brighton.	" " 5.8.
5th	Ramsgate.	Min 35: Max 45: Rain night 3: day 4
	Donaghadee.	18h temp 43.
	Baldonnell.	" wind NW'N.
	Granwell.	" " NNW. 3.
	Croydon.	13h bar. 1002.0: Sun 4.2.
	Cattewater.	" " 1006.0: 7h Sea. 1.
	Kew.	Grass min 27. Grass min 23
	Handudno.	Sun 4th 9.4.
6th	Folkestone.	" " 6.4.
	Castlebay.	18h wind NNW: cloud Cu. 1.
	Blacksod.	13h bar. change +3.
	Cattewater	18h Vis. 7.
	Granwell.	Rain, night. 10.
	Lowestoft.	Sun 5th 9.4.
	Bude.	" 4th 9.9.
7th	S. Farnborough.	13h clouds Cu. 8: 18h temp 45: hum 65
	Calshot.	18h " asi. 4. Max 54
	Jersey.	Delete 13h entry.
	Granwell.	1h temp 36.
	Valencia.	7h Sea. 0.
	Nairn.	Sun 10.2.
	Gorleston.	Min 34.
8th	Eskdalemuir.	18h Vis. 7. Sun. 7.3.
	Ross-on-Wye.	" bar. 1002.3.
	Kew.	13h clouds Nb: 7: asi: 10.
	Croydon.	" bar. 1005.4: 18h 1002.2.
	Cattewater.	18h. hum 85: 7h hum 85.
	Croydon.	7h temp 39.
	Calshot.	1h wind NNE.
9th	Southsea.	Rain, day. 3.
	S. Farnborough.	13h bar. change +3.
	Scilly.	" temp 49.
10th	Lympne.	1h wind NNW. 2.
	Holyhead.	18h Sea. 1.
	Roches Pt.	13h wind SW. 3.
	Calshot.	18h temp. 43.
	Stornoway.	7h temp 38: hum. 85.
	Granwell.	1h wind. SE'E: Sun 8.9.
	Stornoway.	Min 35: Rain, night. 27.
	Chester.	Max 43.
	Cattewater	Sun 11.3.
	Lowestoft.	" 9th 8.5.
11th	Paignton	" " 9.1.
	S. Farnborough.	13h wind E: 7h wind ENE: no low cloud
	Cattewater	18h cloud total. 9: 7h cloud hi. <150'.
	Granwell.	Sun 8.6.
	S. Farnborough.	Min 35.
	Lympne.	Sun. 5.2.
	Penzance.	" 9th 11.2.
	Brighton	" 10th 4.4.

Report for	STATION.	CORRECTION.
12th	Holyhead.	18h wind SSW.
	Falmouth.	" bar. 1001.5.
	Calshot.	13h wind SE.3.
	Eskdalemuir.	7h " SW'W: Min 26.
	Renfrew.	Rain night 0.6.
	Roches Pt.	Max 50.
	Cattewater.	Rain, night. 4.
	Brighton.	Sun 10th 4.4.
	Eastbourne.	Weather, afternoon. "co"
	Margate.	Sun 10th 5.3
13th	Baldonnell.	18h hum. 98: Vis. 6: Clouds 800': Nb: 10.
	Croydon.	13h clouds. Nb: 8: asi: 10.
	Cattewater.	18h bar. 991.2.
	Renfrew.	7h bar. 991.3.
	Chester.	" " 995.1
	Granwell.	" temp 40.
	S. Farnborough.	" wind W.
14th	Grain.	13h wind SW. 3.
	Calshot.	18h " E. 3.
	Roches Pt.	7h hum 97.
	Inchkeith.	Sun 9.8.
	Croydon.	Max 55.
	Lympne.	" 51.
15th	Eskdalemuir.	13h bar. change -5.
	Baldonnell.	18h hum 92: 1h temp 50: 6 mass. 45.
	Roches Pt.	" bar. change -10.
	Cattewater.	13h Vis. 7: 7h wind. 5.
	Renfrew.	7h clouds. Nb. 10.
	Scilly.	Delete 1h entry.
	Castlebay.	Min 36.
	Inchkeith.	Sun. 0.0.
	Chester.	Grass min 46.
	Lympne.	Sun. 6.3.
	Jersey.	Max. 62.
	Tunbridge Wells	Sun 14th 5.4.
16th	Roches Pt.	18h bar. change +10.
	Cattewater.	" wind SW: clouds Cu. 9.
	Calshot.	13h bar. 999.6.
	Eskdalemuir.	7h " 1003.8.
	Baldonnell.	1h " 1002.0.
	Croydon.	7h " 1004.4.
	Lympne.	Sun 1.2.
	Paignton.	" 14th 3.3.
	Tunbridge Wells.	" " 5.4.
17th	Renfrew.	18h bar. change +6.
	Ross-on-Wye.	13h wind NNW.
	Lympne.	18h bar. 1011.9.
	Aberdeen.	Grass min 30.
	Eskdalemuir.	Sun 6.7.
	Tynemouth.	Min 33.
	Grain.	Max 52: Min 38: Grass 38: Rainfall night 0.6: Sun 2.6.
	Paignton.	Sun 15th 4.8.
	Bude.	" " 5.1.
	Deal.	" 16th 9.3.
18th	Castlebay.	18h wind W.
	Cattewater	" bar. change +3.
	Kew.	Max 47.
	Grain.	Grass min 32: Sun 3.1.
	Lympne.	Sun 4.3.
	Deal.	" 16th 9.3.
19th	Castlebay	18h Sea 3.
	Kew.	Max 46.
	Portland Bill.	Min 38.
20th	Aberdeen.	13h bar. 1032.2:
	Renfrew.	18h wind SW. 2.
	Holyhead.	13h " NW'W: Max 48.
	Cattewater.	" " WSW.
	Valencia.	1h clouds Sc. 10.
	Bournemouth	Sun 19th 11.5
21st	Liverpool.	18h wind NW'N. 3.
	S. Farnborough	13h bar. 1025.2.
	Grain.	18h temp. 43.
	Cattewater.	" " 51. Min 43.
	Castlebay.	Min 46.
22nd	Renfrew.	13h high cloud Ci. Sc.
	Eskdalemuir.	" hum. 55.
	Granwell.	18h wind E. 2.
	Nairn.	Max 51.
	Kew.	Rainfall night. 2.
	Lympne.	Sun 7.8.
23rd	Nottingham.	18h hum 97.
	Roches Pt.	13h Vis. 8: Min 43.
	S. Farnborough	" wind WNW. 3.
	Granwell.	1h wind SW'W.
	Aberdeen.	Grass min 29: Rain night 0.2: Sun 0.0
	Bude.	Sunshine 22nd 8.5
	Deal.	" " 1.6: 21st 10.0

Report for	STATION.	CORRECTION.
24th	Croydon.	18h hum. 85.
	Calshot.	13h bar. 1012.6.
	Lympne	Sun 5.2.
25th	S. Farnborough.	13h low cloud Cu. 6: Rain day "trace"
	Nairn.	Min 39
	Croydon.	Sun 7.3.
	Lympne.	" 6.3.
	Bude.	" 24th 6.1.
26th	Lerwick.	13h cloud amt. 9.
	Holyhead.	" wind SW'W: 18h wind force 3.
		" weather "orr"
	Shoeburyness.	" Temp. 52.
	Eskdalemuir.	7h hum 85: Vis. 7.
	Spurn Hd.	Max 52: Min 40.
	S. Farnborough	Sun 8.1.
	Plymouth.	" 3.3.
	Brighton.	" 25th 6.9.
27th	Nottingham	18h wind N.
	Roches Pt.	" temp 47.
	Cattewater.	13h " 39.
	Castlebay.	7h upper cloud. "asi".
	Eskdalemuir	Max 45.
	Tynemouth.	Rain, day, "6"
	Calshot.	Sun. 3.9.
	Bude.	" 25th 6.5.
	Brighton.	" " 2.5.
28th	Castlebay.	13h temp 43.
	Holyhead.	18h bar. 1002.1: Min 42.
	Ross-on-Wye	" " 1000.4
	Granwell.	1h cloud hi. 2500'.
	Renfrew.	Rain, day, "nil"
	S. Farnborough	Sun 4.6.
	Cattewater.	" 9.9
	Bude.	Sun 26th 7.3.
	Brighton	" " 2.5.
29th	Sholwick.	13h temp 47.
	S. Farnborough	18h cloud hi. 3000.
	Kew.	Max 52.
	Croydon.	Rain night -: Sun 4.8.
	Cattewater.	Sun 5.0.
	Penzance.	Max 51.
	Bournemouth	Sun 28th 6.4.
	Deal.	" " 9.2.
30th	S. Farnborough.	13h bar. 1011.1
	Granwell.	7h wind WNW. 3.
	Lympne.	Sun. 12.3.
	Southend.	" 29th 10.8.
	Bude.	" 28th 8.5.
	Deal.	" " 9.4.
2nd	Ilfracombe.	r: 0: 32: 41: 13: -: 0.0: 0.0
5th	Harrogate.	cbcc: 0: 30: 45: 0.3: -: 7.9: 2.3
16th	Leamington.	-: -: 47: 56: -: -: 6.2: 0.0
18th	"	-: -: 34: 46: 0.3: -: 4.1: 0.0

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, April 1922.

II.—ADDITIONS.

Report for	STATION.		Barom. at M.S.L. in.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.	Hours
1st	Blacksod Pt.	0100	1008·3	+2	NE	4	bc	37	95	7	<150	Cu.Nb	3	-	3												
	"	0700	1013·4	+2	N	5	c+	41	75	9	4000	Sc.Cu	7	-	7	9											
2nd	Stornoway.	0100	1013·1	0	E	1	co																				
	"	0700	1010·4	-1	N	3	c+	38	95	6	4000	Cu	7	-	7	6											
	Castlebay.	0700	1010·7	-1	NNW	2	c	39	85	7	2500	Cu	2	aSc	4	7					41	37			0·7		1·5
	Cattewater	0700	1006·3	-4	NE	5	o	41	65	7	800	Sc.Cu	10	-	10	1			o		40	39	35		-		0·5
3rd	Stornoway	1300	1008·9	-1	N	3	o+	42	75	6	4000	Nb	9	-	9												
	"	1800	1007·4	-2	NNE	4	c	40	75	6	4000	Cu	8	-	8	6											
	Castlebay.	1300	1009·1	-2	N	3	c	43	65	7	1500	Cu	4	Ci	8												
	"	1800	1006·7	-2	NNE	2	c/p	41	85	7	2500	Cu.Nb	3	Ci	4	5											
	Blacksod Pt.	1300	1006·7	-1	NE	2	bc	37	85	6	-	Sc	1	-	1												
	"	1800	1004·1	-2	NE'E	4	bc+	45	65	8	-	Cu	8	-	8	8											
	"	0100	998·1	-3	NE'E	6	o	39	75	4	-	Cu.Nb	9	-	9												
	"	0700	995·4	-3	NE	6	c	39	85	9	-	Sc	2	-	2	9											
	Birr Castle.	1300	1007·6	*	SE	2	c+	44	75	7	4000	Sc.Cu	8	-	8												
	"	1800	1003·9	*	E	2	bc-	42	75	6	4000	Cu.	4	-	4	*											
4th	Blacksod Pt.	1300	994·6	-1	NE	5	bc	44	75	8	-	Sc	3	-	3												
	"	0100	1000·6	+2	NW'N	2	o+	38	85	5	-	Sc.Cu	9	-	9												
	"	0700	1002·8	+3	NW	1	bc	36	97	9	-	Sc	3	-	3												
5th	Stornoway.	0100	1005·9	+3	NE	1	c			7																	
	"	0700	1005·1	+1	-	0	c	32	85	7	4000	Cu	3	aCu	5												8
6th	Cattewater.	0700	1014·1	+4	W	3	b	40	85	6	4000	Sc.Cu	3	-	3	1			b		51	39			0·4		
7th	Jersey.	1300	1015·8	+1	NW	3	bc/r	47	65	8	4000	Sc.Cu	4	-	4												
	Cattewater	1300	1015·8	+1	-	0	bc	50	55	8	4000	Cu	6	-	6												
8th	Valencia.	0100	1004·8	-6	E	4	b	43	92	7	-	-	0	aSc	2												
9th	Tynemouth.	1800	1005·2	-1	SW	2	bc	43	75	5	2500	Sc	6	-	6	0		c						-		-	
	Stornoway.	0100	1015·4	+3	SE	4	bc-			7																	
	"	0700	1014·2	0	S	4	bc-	42	65	7	4000	Cu	3	-	3	7											0·
10th	Castlebay	0700	1014·1	+1	ESE	4	c	39	75	6	1500	Sc	7	-	7	6			omp	oc	38	38			-	-	
	"	1300	1014·1	0	SSE	5	c	42	75	6	1500	Sc.Cu	8	-	8		coc										
	"	1800	1011·6	-2	S	5	bcm	43	75	6	1500	Sc.Cu	6	-	6	5		cocm						-		-	
11th	Claclon.	1800	1003·9	-2	E	3	bc	44	85	6	-	-	0	Ci	5	0											
15th	Scilly	0100	984·4	+8	SW	7	bc-	49	75	7	4000	Sc.Cu	6	-	6	*			omqdc								3·
	"	0700	988·4	+1	S'W	7	bc-	48	75	7	4000	Sc.Cu	5	-	5	8				cbcqr	56	44			0·6	<2100	10
	Calshot.	0700	998·8	+5	SSW	7	bc	49	85	8	2500	Nb	5	-	5	3				b.bc	57	48	47		0·2	<2100	
16th	Scilly.	1300	991·5	-19	WNW	8	oR	45	92	5	800	Sc	10	-	10		omqr										
	"	1800	998·9	+8	WNW	8	c	48	75	7	4000	Sc.Cu	7	-	7	8		c									
	"	0100	1009·0	+8	NW	8	bc	46	75	7	4000	Cu.Nb	6	-	6				b								
	"	0700	1014·0	+5	NW	8	c	45	75	7	4000	Sc.Cu	7	-	7	8				c	51	42		2	0·4		3·
17th	Castlebay	0700	1013·3	+7	N	4	bc	39	85	7	1500	Cu.Nb	4	-	4	4			opo	bc bc	48	31			1		8
	"	1300	1018·8	+4	N	4	bc/s/h	43	85	7	2500	Sc.Cu	4	-	4		bch	bc									
	"	1800	1022·7	+2	N	4	bc/s/h	42	75	7	1500	Cu	5	-	5	4		bcs	bc					2			
	Scilly.	1300	1017·0	+3	NW'N	8	c	47	75	7	4000	Sc.Cu	7	-	7		c										
	"	1800	1021·2	+4	NW'N	7	bc	47	65	8	4000	Cu.Nb	5	-	5	7		b									
	"	0100	1025·4	+3	NNE	6	b	44	75	8	4000	Cu	3	-	3				bor	bc							
	"	0700	1028·8	+4	NNE	4	bc	43	75	8	4000	Cu	6	-	6	6					bc	49	41		0·3	-	7·
18th	"	1300	1031·9	+1	N	4	bc+	48	65	8	4000	Cu	3	Ci	5		b										
	"	1800	1032·4	0	NNE	4	bc-	45	65	8	4000	Cu	4	Ci	5	5		bc									
	"	0100	1034·2	+2	N'E	3	c	47	75	8	4000	Sc.Cu	7	-	7				bcc								7·
	"	0700	1034·3	0	NE'E	2	c	44	65	8	4000	Sc.Cu	8	-	8	3				c	49	43		-	-		
19th	"	1300	1034·7	0	ENE	2	b	50	65	8	4000	Cu	2	-	2		b										
	"	1800	1033·5	-1	NNE	3	c-	47	65	8	4000	Sc.Cu	8	-	8	3		bc.c.									
	"	0100	1033·7	0	NE	3	b-	44	75	8	4000	Cu	1	-	1				c-bcb								9·
	"	0700	1033·0	0	ENE	1	b	45	75	8	4000	Cu	1	-	1	1				b	51	39		-	-		
	Cattewater.	1800	1031·9	0	NW	2	c	48	65	8	2500	Cu	7	aCu	8	0		bc						-	.	-	
20th	Scilly.	1300	1031·6	0	NE	2	b	53	65	8	4000	Cu	2	-	2		b										
	"	1800	1031·0	-1	NNW	3	b	50	65	8	4000	Sc.Cu	1	-	1	4		b									
	"	0100	1029·8	-1	NNE	2	b-	45	85	8	4000	Cu	2	-	2				b								
	"	0700	1028·0	-2	ENE	2	c-	47	75	8	4000	Cu	8	-	8	1				b	53	42		-	-		
21st	Chester.	1300	1025·6	-2	NW	3	b-	52	56	8	8000	Cu	2	aCu	4												
	Scilly.	1300	1028·1	0	NNE	2	bc-	53	65	8	4000	Cu	4	-	4		bc										
	"	1800	1026·2	-2	NNW	3	bc-	51	75	8	4000	Cu	4	-	4	1		bc									
	"	0100	1025·0	-3	NW'N	3	b-	48	92	8	4000	Sc.Cu	1	-	1				b								8·
	"	0700	1023·0	-3	NNW	3	o-	48	97	8	4000	Sc.Cu	9	-	9	3				bodo	54	47			0·1		
22nd	"	1300	1022·8	0	NW	4	c	53	75	8	4000	Cu	1	Ci.Cu	8		c										
	"	1800	1020·5	-2	NW'W	4	odo	49	92	8	4000	Sc.Cu	5	aCu	10	4		odo									
	"	0100	1020·7	0	NW'N	5	bc-	48	85	8	4000	Cu	3	-	3				ocdoq								4·
	"	0700	1019·8	-1	NW	5	bc-	47	75	8	4000	Cu	4	-	4	6				bcqr	54	45		0·1	0·1		
23rd	Blacksod.	1800	1012·4	+1	W	5	opro	49	92	9	-	Sc	9	-	9	3		p									
	"	0700	1008·8	-3	NW	6	opro	48	75	7	-	Nb	10	-	10	6				p	50	43		2	0·5		
	Scilly	1300	1016·3	-4	W	5	c-	52	75	7	4000	Sc.Cu	3	aCu	8		c										
	"	1800	1014·1	-2	WSW	3	o/r	47	92	7	4000	Cu.Nb	10	-	10	5		cor									
	"	0100	1013·9	+1	NNE	2	c/r	47	92	6	4000	Sc.Cu	8	-	8				omd								3·
	"	0700	1015·5	+2	NW	2	c	48	92	8	4000	Sc.Cu	8	-	8	2				rord	52	45		1	3		
	Stornoway	0100	1010·2	-2	-	0	bc			6																	9·
	"	0700	1005·0	-3	S	3	cpro	44	75	6	4000	Cu	8	-	8	6				p	50	37			0·6		9·
	Castlebay	0700	1006·4	-3	SW	4	c+	46	75	7	1500	Sc	6	-	6	3			cb	bopc	48	42			0·4		
24th	"	1300	999·0	-6	WSW	4	o	46	85	6	800	Sc	10	-	10												
	"	1800	996·2	-3	W	5	c	46	85	6	1500	Sc.Cu	4	aSc	6	4											
	Blacksod Pt.	1300	1008·0	-1	WNW	5	o-	50	75	7	-	Sc.Cu	10	-	10		e										
	"	1800	1004·8	-3	NW	7	oPR	44	85	7	-	Nb	10	-	10	7		p									
	"	0700	1007·5	+6	NW	6	c-	49	75	7	-	Cu.Nb	7	-	7	6				rord	52	40		1	3		

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, April 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.	Sun. Hours.
24th	Scilly.	1300	1016·7	0	W	5	c	53	75	8	4000	Si.Cu	5	Ci	8		c										
		1800	1015·4	-2	WNW	5	ffo	50	92	6	800	Si	10	-	10	4		oo									
		0100	1012·9	-3	NW	7	cpro	49	75	7	4000	CuNb	6	-	6				cqp								
		0700	1011·7	+1	NW	7	pro	48	75	7	4000	CuNb	9	-	9	7				cqp	54	45		-	2		2·4
	Valencia.	0700	1012·5	+3	WNW	6	cjp	45	75	8	2500	Cu	8	-	8	6				ccpq	52	41	39		2		2·1
25th	Roches Pt.	0700	1009·5	0	NW	6	pR-	44	92	8	2500	CuNb	7	-	7	6			bbc	cpq	54	43			2		
	Blacksod Pt.	1300	1009·1	+1	NW	6	bc-	48	75	8	-	Cu	6	-	5		p										
		1800	1012·0	+4	NW	7	bc	48	65	8	-	Cu	5	-	5	6		p						2			
	Valencia.	1300	1015·4	+4	WNW	6	c-	49	75	8	2500	Si.Cu	6	aCu	8		opqc										
		1800	1017·8	+3	WNW	5	c+	48	75	7	2500	Si.Cu	8	-	8	6		cpq						3			
	Roches Pt.	1300	1010·5	0	NW	7	pro	47	92	5	2500	CuNb	7	-	7		cpq										
		1800	1014·0	+4	NW	7	pro	45	92	8	2500	CuNb	3	-	3	6		cpqb						1			
	Scilly.	1300	1013·2	+1	NW	8	pro	50	75	7	4000	CuNb	6	-	6		p										
		1800	1014·1	+2	NW	8	bc	49	75	7	4000	Si.Cu	5	-	5	8		bcq									
		0100	1018·0	+1	NW	6	b	47	75	8	4000	CuNb	3	-	3				bcq								
		0700	1017·1	-1	NW'W	5	bpro	45	92	8	4000	CuNb	10	-	10	6				coq	51	42		0·5	1		9·6
26th	Spurn Hd.	0100	999·9	0	WNW	6	c	45	92	8	4000	Si.Cu	8	-	8				c								
	Scilly.	1300	1009·4	-9	SW'W	5	bpro	48	97	6	4000	Nb	6	aSi	10		oqm										
		1800	1001·2	-8	W	7	oDD	51	97	6	800	Si	10	-	10	8		oqmrd									
		0100	1000·9	0	NW	6	b	47	85	5	4000	CuNb	3	-	3				oo								
		0700	998·8	-3	W'N	4	oPR	44	85	8	4000	Si.Cu	10	-	10	5				p	51	42		4	0·5		0·0
27th	Gattewater.	1800	999·5	-12	WSW	7	od	49	97	6	250	Nb	10	-	10	3		r or d						5			
	Spurn Hd.	0100	992·0	-4	SW	3	orro	43	92	5	450	Si	10	-	10				r or d								
	Scilly	1300	997·9	0	NW	6	bcpro	49	75	8	4000	CuNb	5	-	5		bcq										
		1800	997·9	0	NW	6	bcPH	46	75	8	4000	CuNb	6	-	6	6		bcq PH									
		0100	998·2	0	NW	4	bcpro	45	75	8	4000	CuNb	6	-	6				bccqp								
		0700	998·8	0	-	0	bc-	43	75	8	4000	Cu	6	-	6	3				c	50	42		2	0·4		8·3
28th	Spurn Hd.	0100	993·2	+1	NW	3	b	40	92	6	2500	Si	2	-	2				b or bc								
	Scilly.	1300	1001·8	+2	NNE	5	bpro	49	75	7	4000	Nb	10	-	10		cpo										
		1800	1002·3	+2	N'W	5	bc	48	75	8	4000	Cu	5	-	5	5		cbcpo									
		0100	1004·2	+1	N	4	b	45	85	8	4000	Cu	3	-	3				bc								
29th		0700	1005·7	+1	NNE	4	bc	44	75	8	4000	Cu	5	Ci	6	4				bcc	50	40		0·1	1		10·7
		1300	1007·1	+3	N'W	3	c	48	65	8	4000	Cu	7	-	7		c										
		1800	1008·6	+1	N	4	c	45	85	8	4000	Si.Cu	8	-	8			c									
		0100	1010·2	+1	NE	5	c	40	92	6	4000	Si.Cu	8	-	8				oo								
		0700	1010·8	0	NE	4	cpro	44	75	8	4000	Cu	3	aSi	8	4				cqhl	51	39			trace		7·6
30th	Spurn Hd	0100	1009·5	+2	W	3	b	40	92	7	-	-	0	Ci Si	2				b or bc								
	Scilly.	1300	1012·3	+1	NNE	4	clr	48	65	8	4000	CuNb	6	-	6		cphr										
		1800	1012·6	0	NNE	4	clr	45	75	8	4000	CuNb	6	-	6	4		hr or hr									
		0100	1013·5	0	NNE	4	bc	44	75	8	4000	CuNb	5	-	5				bc								
		0700	1014·0	0	N'E	5	ophro	44	85	8	4000	CuNb	9	-	9	5				cqphr	49	41		2	0·3		5·6
	Stornoway	0100	1013·9	+2	N	3	ro			5									r or d								
		0700	1013·6	+2	N	3	C+	44	75	6	4000	Cu	8	-	8	2				c	46	40			4		0·6
	Castlebay.	0700	1015·4	+1	NNW	4	clr	43	85	6	800	Nb	7	-	7	4			obc	copc	46	42			3		6·9
	Spurn Hd.	0100	1011·5	0	WNW	3	b	42	92	6	-	-	0	-	0				b. bc.								

‡ The barometric change is expressed in half millibars.

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